ZKTeco

MASTER PRODUCT CATALOGUE

Version 1.0

Dec. 2019

реклама

КОДОС

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OVERVIEW

ZKTeco Co., Ltd (hereinafter referred to as ZKTeco) is a globally renowned enterprise with biometric verifications as its core techniques, which dedicates itself in the three industries including Biometric Verification Core Technique Empowerment, Smart Entrance & Exit "Person + Car + Object" Software Platform Empowerment, and ZKTeco+ Smart Office Cloud Platform Empowerment, and providing total services to the users of global public services, enterprise-level users and personal users.

ZKTeco has approximately 3,500 employees globally, among them there are around 1,000 R&D staffs and 600 foreign staffs. The enterprise owns 45 branches and subsidiaries in China, and 48 branch organizations in Hong Kong, Macau, Taiwan and overseas (As of 1st May 2020).

ZKTeco has various centers for development, design and innovations in Silicon Valley, Europe, India, Dongguan, Xiamen and Dalian. At present, ZKTeco's techniques and smart terminals have been applied by most 500 global top enterprises, and its business has already covered more than 100 countries and regions.

ZKTeco upholds the vision of "Responsibility, Integrity, Pragmatism, and Excellence", wishes to change the world with technology, and make a safer and wiser living and social development.

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HISTORY

1998

Announced the success of the development of fingerprint algorithm, and released the ZK Fingerprint Algorithm

Released ZKFinger 2.0 SDK, the first business application integration package

1999

Announced the civilization of the biometric identification technology

Released V20, the first access control device

2002

Applied a 7,000,000 Shanghai Citizen Card Fingerprint Project, Provided fingerprint verification technology for more than 7,000,000 citizens, and has been the most authorized core technology provider in the field

Released ZKFinger 3.0 SDK

2003

Released A1, the first-in-the-world business embedded fingerprint time & attendance device

Established the complete production chain, from research & development to the final assembly

2004

Released a series of fingerprint products and modules, including F4, the first fingerprint access control device

Became an international OEM provider for fingerprint products

2005

Began the fast growing corporate and market expansion

Initiated the research & development of fingerprint door locks

2006

Established ZKBuilding and factories in Shenzhen

2007

Launched iClock series, the TFT time & attendance management products, leading the fingerprint verification industry to a new TFT era

The advancement of fingerprint products with the high-performance Wi-Fi and GPRS communication technology signals the birth of wireless security control and time management.

2008

Launched the first fingerprint door lock

2009

Established branch offices in the U.S. and South Africa

Established the ZK Industrial Garden with 50,000 sq. metres and ISO9001 certification

Launched iFace series, the multi biometric verification products, and ZKFace 2.0, the first facial recognition algorithm

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2010

Launched MultiBio 700, the first-in-the-world multi biometric verification device

Launched ZKIris 1.0, the first iris verification algorithm

Launched ZKVein 2.0, the first finger vein verification algorithm

Established a branch office in Europe

Launched C3, the RFID access control panel

2011

Launched BioCam100, the first-in-the-world embedded facial recognition camera

Launched InBio series, the first-in-the-world fingerprint access control panel

Established branch offices in Dubai, Thailand and Mexico

2012

Launched ZK MultiBio 3.0, the first multi biometric algorithm with fingerprint, face, iris and vein recognition techniques

Established branch offices in Vietnam, Indonesia, Brazil, Argentina and Russia

2013

Established a manufacturing center for products of entrance security and carpark management

Established branch offices in India and Philippines

2014

Launched the first-in-the-world facial recognition door lock

Established the ZK Xiamen Software Center

Established branch offices in Hong Kong, Turkey and Malaysia

2015

Released ZKTime.Net 3.0, a new generation of time & attendance management software

Announced the opening of ZKAccess, the new independent security division in the U.S.

2016

Released X-Ray inspection series which was officially approved by the Ministry of Public Safety China

Established the Security Research and development Center in Italy

2017

ZKTeco released the latest extra-long standby hour desktop mobile attendance device D1S/D2S, newest fingerprint card (Bio Card), channel application modules, visible light face recognition (applied GPU/VPU modules).

Released the latest global smart license plate recognition system, smart license plate recognition algorithm, intellectualized engineering sensing visual system based on smart city applications. The newest SilkID fingerprint collector has obtained the international PIV and STQC certifications.

2018

Launched visible light devices

Established a joint product laboratory in Korea

2019

ZKTeco released the ZKLiveFace5.6 visible light facial recognition algorithm, which supports 1: N 50000 facial templates; meanwhile released the ZKLiveFace12.0 large-capacity nearinfrared face facial recognition algorithm, which supports 1: N 12000 facial templates

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ZKTeco Software

Providing comprehensive solutions is always ZKTeco's primary goal. In the 21st century, a complete solution represents a combination of software and hardware. As a well-known biometric solution provider, ZKTeco's self-developed series of cutting-edge and user-friendly software provides users with unique biometric experience.

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ZKBioSecurity

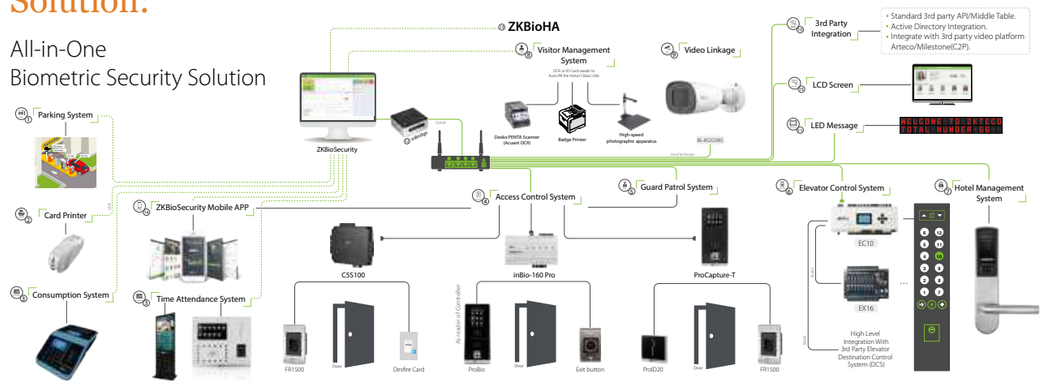
All-in-One Biometrics Security Solution

Personnel · Access · Attendance · Consumption · Elevator · Hotel · Visitor · Parking · Patrol · Video · Face Intellect · FaceKiosk

ZKBioSecurity is the ultimate "All-in-One" web-based security platform developed by ZKTeco. It contains multiple integrated modules: access control, time attendance, consumption management, elevator control (online/ofine), visitor management, parking, guard patrol, FaceKiosk and intelligent facial recognition camera management, video linkage and other sub-systems. All of the sub-systems support both single-unit deployment and multi-module free combination and efective linkage; Provide powerful integration capabilities and user visual data presentation analysis functions for various industries, truly achieve large-scale system-wide security intelligent management.

Solution:

All-in-One
Biometric Security Solution



Features:

- Micro-Service Architecture
- Face Intellect Module for Biometrics Frictionless Access Control
- High Security Data Transmission
- FaceKiosk Management
- Visible Light Facial Recognition
- Consumption Management
- All-In-One Biometric Security Solution
- Web-Based Platform
- Data Auto-Backup Function
- Extra Large Doors Management Capacity
- Email Notifications
- Time Zone Settings for Exit Button and Auxiliary Input
- Time Attendance
- Office Elevator Control
- LPR Camera for Parking
- Support ONVIF Surveillance Device
- Flexible Verification Mode
- Door Activation & Deactivation
- Global Anti-Passback and Linkage
- Mobile APP
- OCR

- Web-based All-in-One solution. Simple structure and smooth workfow
- Stable and consistent communication with the hardware
- Advanced access control features (Global Anti-Passback, Global Linkage, Global Interlock, etc.)
- Supports T&A devices, doors and LPR camera to generate T&A logs
- Integrated with Arteco video software and C2P middleware, also can connect with Milestone
- Alarms and events email notifcations
- Flexible 3rd party API and Active Directory integration to integrate with 3rd party software
- Supports ZKBioHA high availability system to ensure 24/7 continuity system operation
- Avoids service bloated caused by single point deployment, supports multi-point distributed deployment of service

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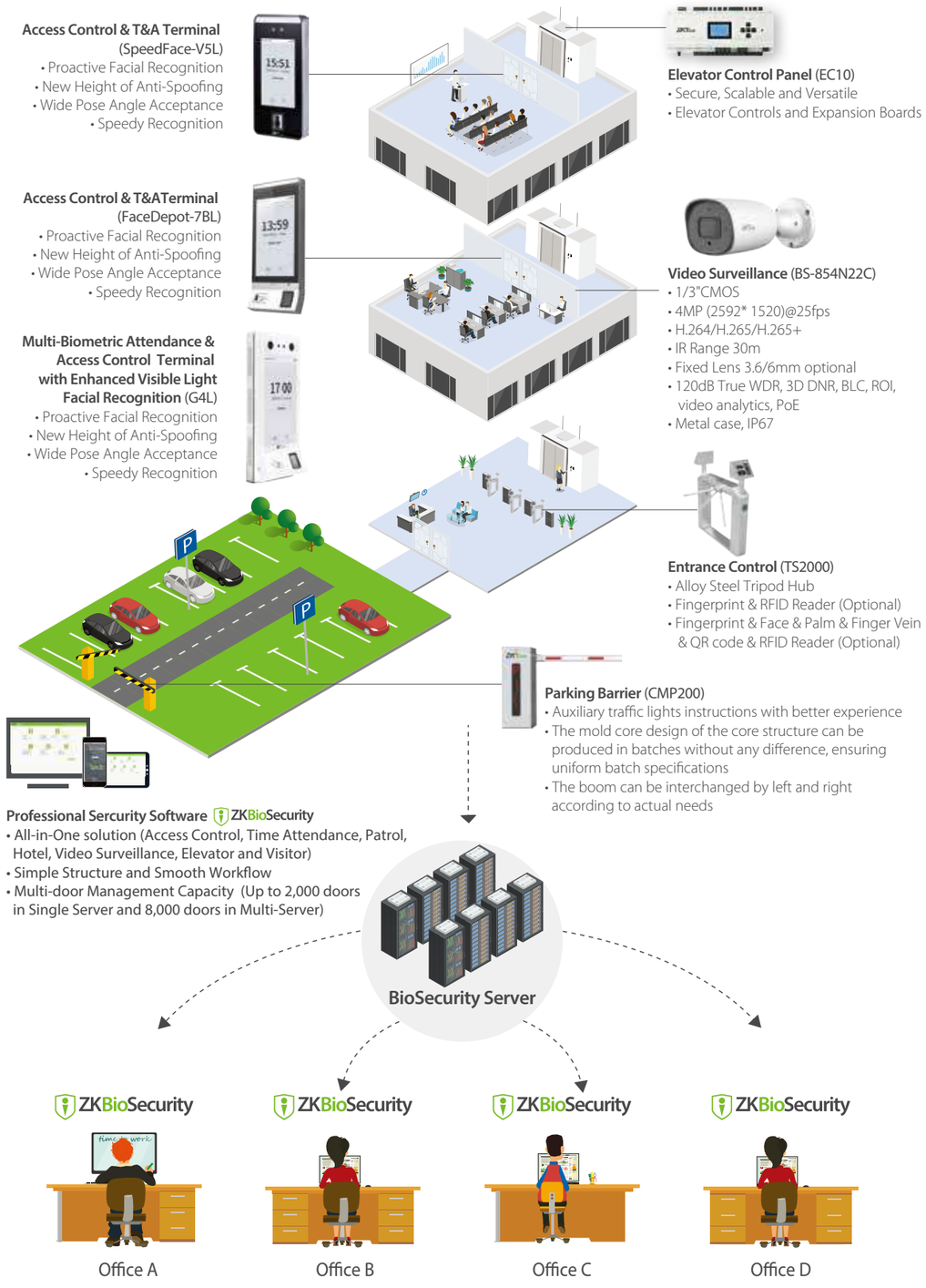
"All-in-One" Web-Based Biometric Security Management Platform

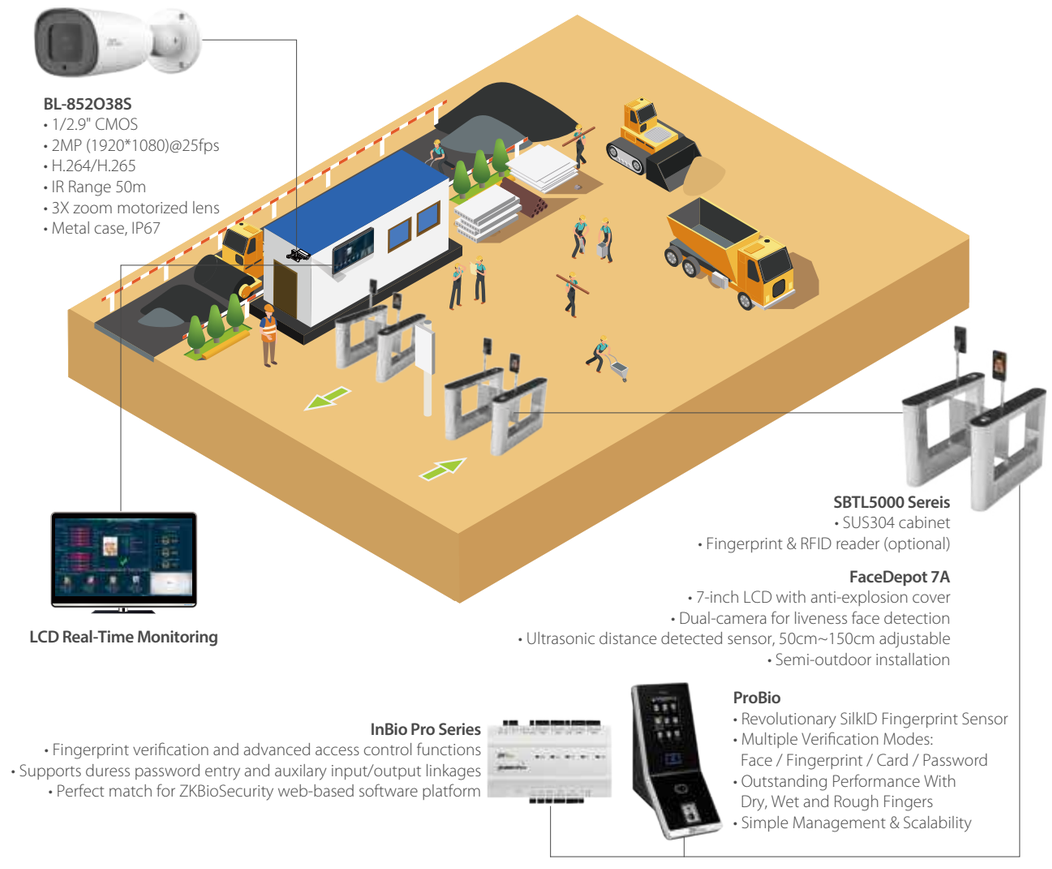


ZKBioSecurity Parking Management Solution

There has been an increasing number of parking lots and vehicle management areas beginning to use License Plate Recognition (LPR) products and Ultra-high Frequency (UHF) products which provides convenient userexperience. While using the LPR products with no parking cards required, the automatic license plate recognition enables fast vehicle access to parking lots. The UHF solution will help to reduce the inconvenience of punchingthe card which is more useful for the xed cars application.

ZKBioSecurity ConSite

Integrated with ZKBioSecurity biometrics and personnel identification, ZKBioSecurity Consite is newly added the worker management and construction site management module. This system can effectively manage registered workers, monitoring workers' attendance and access control details in real time, which truly realizes the intelligent integrated management of workers and site security.



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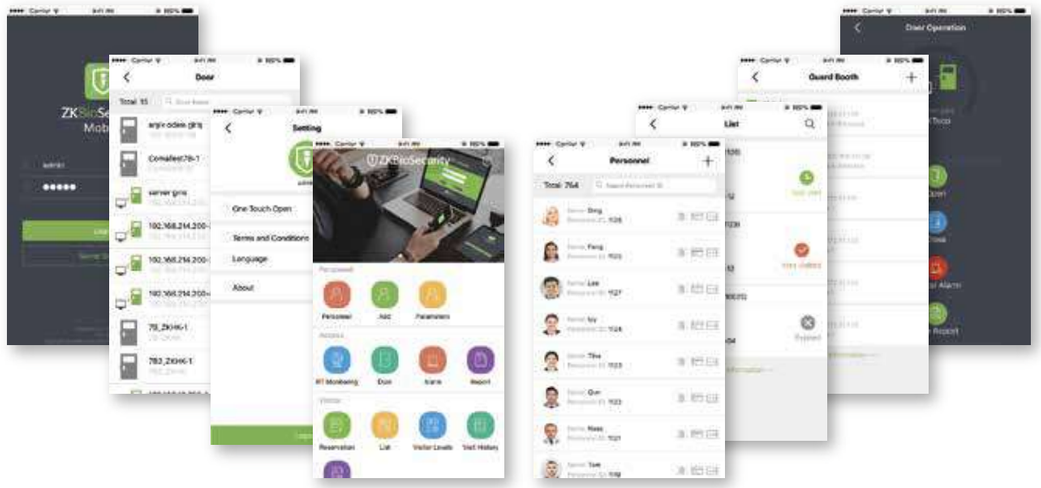
ZKBioSecurity Mobile 2.0

ZKBioSecurity mobile 2.0 is a brand-new client application of ZKBioSecurity software, providing personnel management, access control, visitor management, parking management, time attendance self-service query, and other convenient functions. Currently it supports Chinese, English and Spanish.

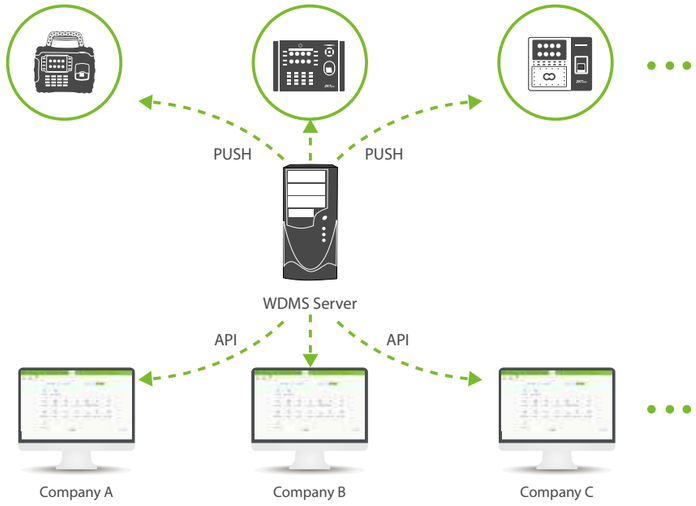


Features

- Add, delete, modify or query personnel information through app
- Personnel module parameters settings
- Make phone calls and send messages to employee
- Real-time monitoring of access control events
- Remote door opening operations
- View information of alarm events and records of access control events
- Manage visitor appointments
- Grant the rights of access and using the elevator to visitors
- View visit history of visitors
- Fixed vehicle and temporary vehicle access authorization
- View records of vehicles access to a parking lot
- Detailed reports on vehicle charges
- Parking module parameters settings
- Time attendance self-service query

WDMS

WDMS stands for Web-based Data Management System, an advanced middleware. WDMS provides a stable connection to ZKTeco's standalone devices with PUSH SDK by Ethernet/Wi-Fi/GPRS/3G.
Administrators can access WDMS anywhere on the browser or a third-party software with API to manage thousands of devices, thousands of employees and their transactions.



Software Specifications

System Architecture	Server/Browser
Device Capacity	100 devices in single server. For more devices project, please contact with ZKTeco to estimate.
Monitor Resolution	1024 x 768 or above
Database	PostgreSQL(Default) / MS SQL Server / MySQL / Oracle
Supported OS	Windows 7/8/8.1/10/ Windows Server 2003/2008/2012/2016 Linux: CentOS / Ubuntu
Suggested Browsers	IE 8+/Firefox 11+/Chrome x+

Hardware Requirements

CPU	Dual core processor with speeds 2.0GHz or above
RAM	4GB or Above
Storage	Available space of 100G or above. (We recommend using NTFS hard disk partition as the software installation directory.)

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ZKBio Access IVS

A More Comprehensive Solution to Take Small Businesses up to The Next Level

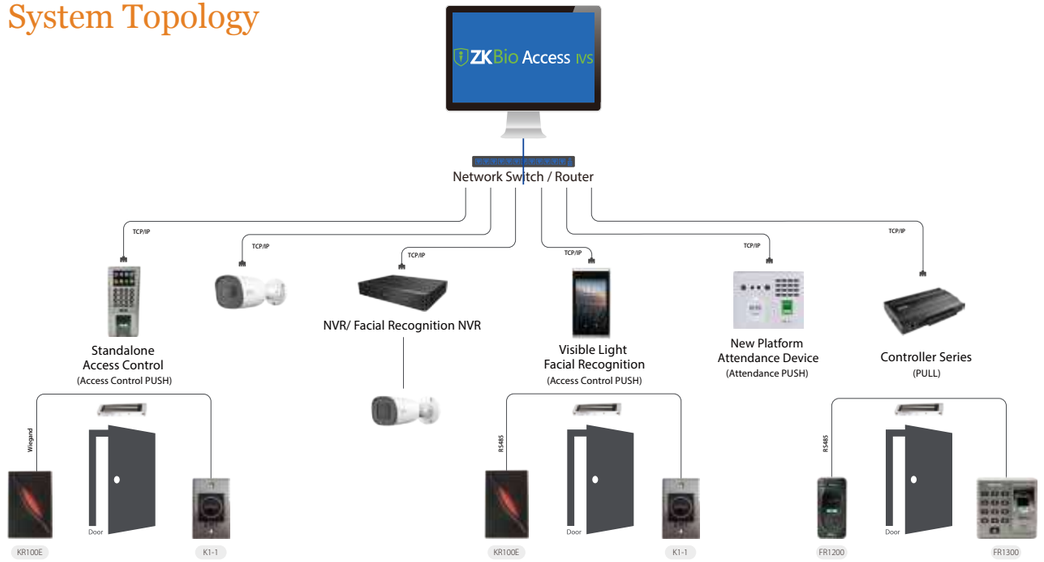
Introduction

ZKBio Access IVS is a lite web-based security platform developed by ZKTeco which supports most ZKTeco Hardware. It provides abundant functionality that fulfills management requirements of small- to medium-sized businesses: Personnel Management, Access Control, Attendance Management, Video Surveillance, System Management.

Features

- Web-Based Attendance Module
- Supports T&A devices using the New Platform Core Board with ADMS function
- Supports setup of attendance points on A&C devices and video cameras to generate T&A logs
- Reliable Video Management System module
- Supports basic video surveillance functions, including real-time live view, playback, video recording, remote searching, etc.
- Supports facial recognition NVR to realize intelligent recognition functions
- Supports English/ Spanish/ Thai/ Indonesian/ Vietnamese/ Traditional Chinese and Simplified Chinese
- Supports language switching in real-time
- Supports self-registration of temporary staff with QR codes
- Supports HTTPS protocol for data security
- Stable, fast and consistent communication
- Reliable access control logic
- Automatic data backup
- Alarms and events email notification
- Available to upgrade to standard ZKBioSecurity software

System Topology



Software Comparison

Item \ Software	ZKBioSecurity	ZKBio Access IVS	ZKAccess 3.5
Target Market	Project Charged (System Integration)	SMB Charged (Channel Distribution)	Free Software (Channel Distribution)
Architecture	B/ S	* B/ S	C/ S
Protocol	Push SDK	* Push SDK & Pull SDK	Standalone SDK & Pull SDK
Access Control Device	- Access Control Panels (inBio Pro Series) - Green Label Standalone Series Devices (ProCapture-T/ ProBio/ ProFAC/ etc.) - Visible Light Facial Recognition Series Devices	- Access Control Panels (C3 Series/ inBio Series) - Standalone Access Control Devices with PUSH Firmware (F18-S/ F19-S/ F21 Lite/ MB800/ etc.) -* Visible Light Facial Recognition Series Devices	- Access Control Panels (C3 Series/ inBio Series) - Standalone Access Control Devices with Pull & Standalone Firmware (SC700/ MA500/ iClock Series/ etc.)
Attendance Device	- Green Label Attendance Device (G1/ G2/ G3/ G4) - Visible Light Face Recognition Series Device	- * New Platform Push Attendance Device (IN01-A/ U160-C/ iClock580/ uFace102/ etc.) - * Visible Light Face Recognition Series Device	N/ A
VMS (Video Management System)	Support	* Support	N/ A
Multiple Admin Login	Support	* Support	N/ A
Database	PostgreSQL (Default) MS SQL Server & Oracle (Optional)	PostgreSQL (Default) MS SQL Server & Oracle (Optional)	Microsoft Office Access (Default) MS SQL Server 2005 or Above (Optional)
License Control	Support	Support (Provide Free Standard License on Official Website)	Support (Provide Public Key on Official Website)
Service Policy	1 Year Free Warranty	* 1 Year Free Warranty	No Maintenance
License Fee	Contact us for Pricing	Contact us for Pricing	Free

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ZKTeco Parking

ZKTeco Parking

ZKTeco Parking is a Client/Server architecture parking lot management software. It is suitable for two-entrance and two-exit small parking lot projects and the software supports a maximum of access to 4 LPR cameras.

ZKBioSecurity

ZKBioSecurity3.0 is a Browser/Server architecture software.
Its parking lot management module is suitable for large parking projects with two-entrance and two-exit or more. It supports a maximum of access to 40 LPR cameras.

Module	ZKTeco Parking	ZKBioSecurity
Software Pictures		
Software Specifications		
System Architecture	Client/Server	Browser/Server
Supported Datebase	PostgreSQL	PostgreSQL, Oracle11g, SQL Server 2005/2008/2012
Supported OS	Windows 7/8/10(32/64)	Windows7/8/8.1/10, Windows Server 2008/2012(32/64)
Minimum PC Requirements		
CPU	Dual core processor	Dual-core and above
	Processing speed with 2.4GHz	Processing speed with 2.4GHz
Memory	4GB or above	4GB or above
Storage	30GB free space or more	10GB free space or more
System Specifications		
System Support	Maximum: 4 cameras	Maximum: 40 cameras

ZKPOS

ZKPOS softwares are built to facilitate restaurant/retail / wholesale / supermarket business fun ctions, improving the accuracy, efficiency, and effectiveness of point of sale operations, providi ng better quality and igniting innovations with customer satisfaction. It include the local and clo ud solutions by windows, apps .ZK POS software is not only a professional pos system , also of fer a new business mode by zkpos store for online and offline business .What's more,it is a one-stop solution for smart retail integrated with ZKTeco's attendance and CCTV system .

ZKPOS Retail / Supermarket

- Employee and Customer Management
- Speed of Service
- Real Time Reporting
- Accuracy in Reports

ZKPOS Restaurant

- Table and Ordering Management
- Customer Database Management
- Inventory and Stock Management
- Accurate Bills

SOFTWARE

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ZK SmartKey

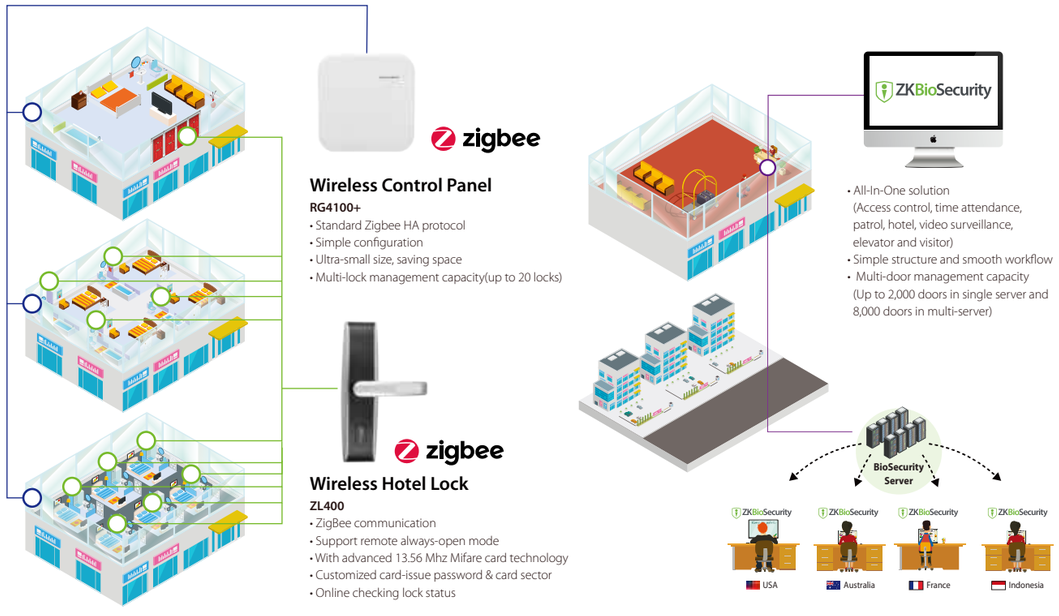
ZK Smartkey App is a door lock management software for mobile devices, which is compatible with iOS and Android phones. It is mainly used for door opening with mobile phones, mobile user management, user information review, and so on.

Features

- Visitor Mode: Share a temporary passcode anywhere and anytime
- Records Check: Keep tracking who is visiting at some point.
- Time Zone: Grant limited access rights to your baby-sitter or house keeper
- User Registration: Register a fingerprint template, card, passcode with your mobile phone

Codes Sharing | Access Management | Bluetooth 4.0 Power Saving Technology | User Management | Keyless Entry | Records

ZKBioSecurity Online Hospitality



ZKTime.net 3.0

Lite Time Attendance Software for SME

Solution

uFace800
Hybrid Biometrics Time Attendance & Access Control

P160
Hybrid Biometrics Time Attendance & Access Control

LX20
Fingerprint Time Attendance

Features

Multiple Languages | Hybrid-biometric Templates | Auto-schedule & Smart Shift Schedule | Flexible & Cross-day Shift Schedule | Attendance Calculation & 15+ Reports

Custom Leave & Leave Balance | Simple Access Control | Online Feedback & Update | E-mail Alert | License Control

System Architecture	Client / Server
Device List	Standalone SDK Communication Devices including A Series / B Series / iClock Series / IN Series / K Series / KF Series / LX Series / MB Series / P Series / Silk Series / S Series / D Series / U Series / uFace Series / VF Series / X Series / Green Label Series
Database	SQLite (Default) / MS SQL Server / PostgreSQL / MySQL
Operating System	Windows 7/8/8.1/10 (32 bit & 64 bit)
Capacity	2000 Users, 50 Devices
Monitor Resolution	1024 x 768 or above
CPU	Dual Core Processor with speeds of 2.0GHz or faster
RAM	4GB or above
Storage	10GB available disk space or above

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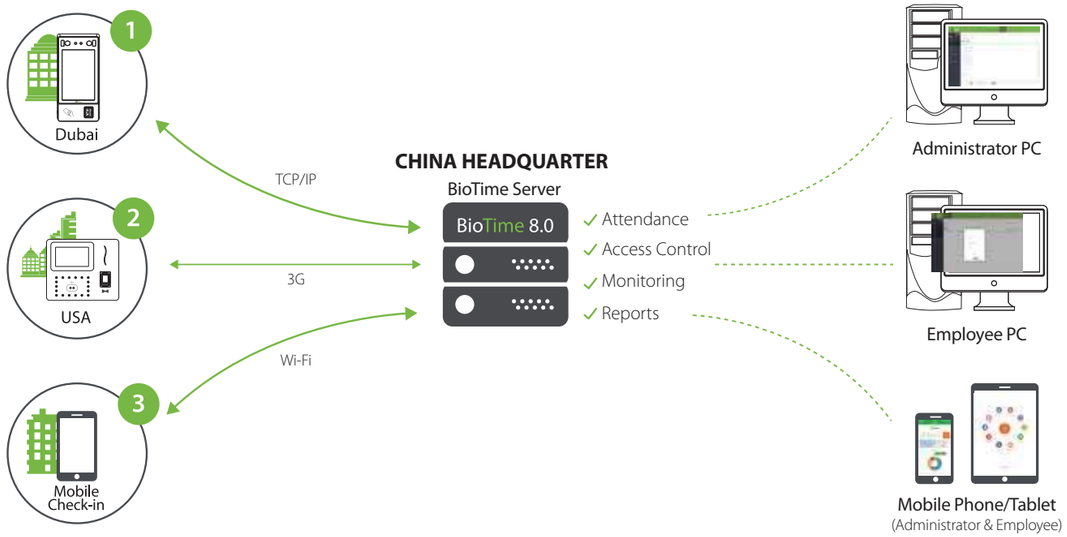
BioTime 8.0

Web-Based Time & Attendance Management Software



BioTime 8.0 is a powerful web-based time and attendance management software. BioTime 8.0 provides a stable connection to ZKTeco standalone push communication devices with Ethernet/ Wi-Fi/ GPRS/ 3G. It serves as a private cloud which enables employee self-service with our Mobile App.

Multiple administrators can access BioTime 8.0 anywhere on the browser. Using the software, administrators could manage hundreds of devices and thousands of employees as well as their transactions with no difficulty.

Users could also easily manage timetables, duty rosters, schedules, attendance report generating on the attentive user interface.

Features

- Web-based Time Attendance Software
- E-mail Alert for Approval Request
- Real-time Monitoring
- Multiple Admin Privilege
- Payroll Management
- Linux OS Installation
- Custom Attendance Report Mail Delivery
- Flexible and Smart Shift Scheduling
- Auto-Synchronization of Biometric Templates by Area
- Attendance Calculation and Reports
- Database Backup and Restore
- Easy Intergration with API
- AD Integration for Personnel Management
- Conference Room Management
- Employee Self Service
- Multiple Approval
- Supports Multiple Languages
- Simple Access Control
- Mobile Application
- Leave Balance Management

Software Specifications

System Architecture	Server/Browser
Supported Device	Standalone Device with Attendance PUSH Protocol: Green Label Series / A Series / B Series / FaceKiosk Series / iClock Series / IN Series / KF Series / MB Series / P Series / S Series / Silk Series / U Series / UA Series / LP Series / Face Series / VF Series / X Series
Device Capacity	500 in Single Server
Database	PostgreSQL (Default) MSSQL Server 2005/2008/2012/2014/2016/2017 MySQL 5.0/5.6/5.7 Oracle 10g/11g/12c
Supported OS	(64-bit only) Windows 7/8/8.1/10 , Windows Server 2008 /2008 R2/2012/2012 R2/2016/2019
Suggested Browsers	Chrome 33+ / IE 11+ / Firefox 27+
Monitor Resolution	1024 * 768 or above

Hardware Requirements

Item	Description
CPU	Dual core processor with speeds of 2.4GHz or faster
RAM	4GB RAM available or above
Storage	Available space of 100GB or above. (We recommend using NTFS hard disk partition as the software installation directory)

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VMS-AntarVis 2.0 & APP-AntarView Pro

VMS-AntarVis 2.0

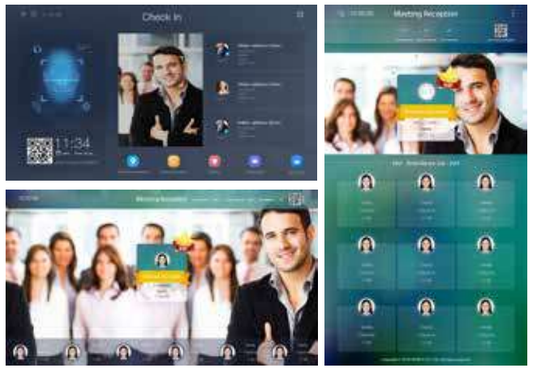
APP-AntarView Pro

Software	AntarVis 2.0
Synchronously Playing	Up to 64-CH playing synchronously
Screen Size	Full screen / 4:3 / 16:9
Channel	Support up to 256 cameras
Protocol	ZKTeco / ONVIF
Video Compression	H.265 / H.264
Audio Compression	G.711a
Video Resolution	8MP / 6MP / 5M / 4MP / 3MP / 3MP / 1080P / UXGA / 720P / D1 / VGA / CIF / QCIF
Recording Mode	Scheduled / Event Alarm
Search Type	Normal / Motion / Alarm / Intelligent
Playback Channel	Support 9-CH synchronized playback
Alarm Type	Alarm In / Motion detection / Tampering / Video Loss / Intrusion alarm / Object alarm / Tripwire alarm / Counting alarm
Alarm Action	Capture / PTZ / eMap / Record / Pop Image / TV Wall
Language	Chinese Simplifed / English / Spanish
OS	Windows7 / 8 / 10

APP	AntaView Pro
Supported Devices	ZK 8000 Series IPC / NVR / XVR
Add Device Method	Serial Number / QR Code
Features	Remote Config / ZK Private Cloud
Compression Format	H.265 / H.264
Display Resolution	Standard Definition/High Definition (Up to the network condition)
Video Display Split	1 / 4 / 9 / 16
Function	UTC, PTZ, Snapshot, Record,Audio, Fast / Slow play
Alarm Push Type	Motion Detection, Alarm In, Video Lost, Video Mask, Disk Full, Disk Error, Illegal Access, Network Disconnect, IP Confict, Intrusion, Object Detection, Sound Detection, Face Detection, Fire Detection, VQD, High Temperature, Low Temperature, Video Loss, Scene Change
OS	Android & IOS
CPU	1G HZ and above
RAM	2GB and above

BioArgus

- Face Capacity: 10000
- Attandance Record Capacity: 100000
- ROM: 32GB
- RAM: 4GB
- Operation System: Android 7.1.2
- Communication: WIFI, Bluetooth, USB, TCP/IP
- Multi-language (English, Thai, Spanish, Korean, Arabic, Indonesian, Russian, Turkish, Japanese, Portuguese)
- Multiple person verification
- Fast verification recognition distance of 1-5meters, simultaneous dynamic recognition of 3-5 people
- Support as many as 10,000 facial templates and 100,000 attendance records
- Dynamic advertisement display
- Support TCP/IP,WIFI, USB Host, Blue-tooth
- Support time attendance mode, visitor management mode, cartoon mode, meeting room management mode and so on



Attendance model

The visitor model

The meeting model

The meeting model

Children's model

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Project Products

ZKTeco has developed professional industry solutions for different industries' properties.

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Access Control-Standalone

ProCapture-WP
(F02010538)

- **Display:** 2.4 inches TFT LCD Screen
- **Fingerprint Capacity:** 20,000
- **Card Capacity:** 10,000
- **Transactions Capacity:** 100,000
- **Communication:** TCP/IP, RS485 (For Slave Reader), Wiegand Input/ Output, Security Relay Box
- **Access Control Interface:** Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader, ZKBioSecurity Software
- **Standard Functions:** Access Levels/Group/Holidays, DST/Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Special Functions:** Multiple Verification Modes, ZK Encrypted Card (Optional) Fingerprint Card (Optional), IP65, PIV FP Sensor SilkID (Optional)
- **Hardware:** 1.2GHz Dual Core CPU, Memory 128MB RAM/256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA, Dimensions: 202.30x96.80x35.00 mm, Working Temperature: -10 °C ~ 50 °C

ProRF (F02020088)

- **Card Capacity:** 60000 (standard)/100,000 (Optional)
- **Transactions Capacity:** 600,000
- **Communication:** TCP/IP, RS485, Wiegand Input/Output, Security Relay Box
- **Hardware:** 1GHz CPU, Memory 64MB RAM/128MB Flash, Beeper & Indicator, Tamper Switch Alarm
- **Standard Functions:** Access Levels/ Groups/Holidays, Anti-Passback
- **Working Temperature:** -20 °C ~ 65 °C Access Control Interface: Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 Slave Reader, ZKBioSecurity Software,
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA, Dimensions: 202.3*96.8*35 mm
- **Special Functions:** IP67

Access Control-Multi-Biometric

ProBio (F02040001)

- **Display:** 2.8 Inches TFT LCD Screen
- **Card Type:** 125KHz EM Reader/ MF Card (Optional)
- **Card Capacity:** 10,000
- **FingerPrint Capacity:** 4,000
- **Face Capacity:** 2,000
- **Transactions Capacity:** 100,000
- **User Photos:** 4,000
- **Event Photos:** 2,000
- **Special Functions:** Multiple Verification Modes, Event Snapshot, User Photo (Optional)
- **Compatibility:** Wiegand Slave Reader,ZKBioSecurity Software, RS485 Card Slave Reader (Optional)
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA,
- **Dimensions:** 190.8 × 85 × 103 mm
- **Hardware:** 1.2GHz Dual Core CPU, Memory 128MB RAM/256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad, 120° Wide Angle Camera
- **Standard Functions:** Access Levels/Groups/Holiday, DST/Bell Schedule, Duress Mode (Password), Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Access Control Interface:** Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Communication:** TCP/IP, RS485 (For Slave Reader), USB Host, Wiegand Input/ Output, Security Relay Box

Access Control-NFC&BLE

ProRF-T (F02020016)

- **Display:** 2.4 inches TFT LCD Screen
- **Card Capacity:** 50,000
- **User Photos:** 3,000
- **Event Photos:** 7,000
- **Transactions Capacity:** 100,000
- **Communication:** TCP/IP, RS485 (For Slave Reader), Wiegand Input / Output, Security Relay Box
- **Access Control Interface:** Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor,Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader,ZKBioSecurity Software
- **Standard Functions:** Access Levels/Group/Holidays, DST/Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Special Functions:** Multiple Verification Modes, ZK Encrypted Card (Optional) Event Snapshot User Photo (Optional)
- **Multi RFID Car:** NFC&BLE, 125kHz EM, HID Prox &13.56Mhz MIFARE, MIFARE Plus,DESFire/EV1, FeliCa,iCLASS SE/SR/Seos
- **Hardware:** 1.2GHz Dual Core CPU, Memory 128MB RAM/256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA, Dimensions: 195.5 × 87 × 35 mm, Working Temperature: -10 °C ~ 50 °C

Access Control-FingerPrint & Vein

inPulse+
(F02050008)

- **Display:** 2.8 Inches TFT-LCD Touch Screen
- **Fingerprints Capacity:** 1,500
- **Fingerprints Veins:** 1,500
- **Card Capacity:** 2,000
- **Transaction:** 100,000
- **Special Functions:** Multiple Verification Modes, ZK Encrypted Card (Optional)
- **Compatibility:** Wiegand Slave Reader, ZKBioSecurity Software
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA
- **Communication:** TCP/IP, USB Host, Wiegand Input/Output, Security Relay Box
- **Hardware:** 1.2GHz High Speed CPU, Memory 128MB RAM/256MB Flash, ZK Fingerprint Sensor, 125KHz EM Reader/MF Card (Optional), Hi-Fi Voice & Indicato, Tamper Switch Alarm
- **Standard Functions:** Access Levels/Groups/Holidays, DST/Bell Schedule, Duress Mode (Password), Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Access Control Interface:** Lock Relay Output, Alarm Output/ Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Additional Info:** Working Temperature: -10 °C ~ 50 °C, Dimensions: 201.7 × 85 ×102.7mm, ZKVein v3.0 & ZKFinger v10.0 Algorithms

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Access Control-Fingerprint

ProCapure-X
(F01010221)

- **Display:** 2.4 inches TFT LCD Screen
- **Fingerprint Capacity:** 20,000
- **Card Capacity:** 50,000
- **Transaction:** 500,000
- **Additional Info:** Working Temperature: 0 °C ~ 50 °C, Dimensions: 200.5 × 88.5 × 28.7 mm, Fingerprint Algorithm ZKFinger v10.0
- **Access Control Interface:** Lock Relay Output, Alarm Output/Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Compatibility**: Wiegand Slave Reader, RS485 FP Slave Reader, ZKBioSecurity Software
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA
- **Communication:** TCP/IP, RS485 (For Slave Reader), USB Host, Wiegand Input/Output, Security Relay Box, WIFI (Optional)
- **Hardware:** 1.2GHz High Speed CPU, Memory 128MB RAM/256MB Flash, SilkID Fingerprint Sensor, 125KHz EM Reader/MF Card (Optional), Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad, POE (Standard IEEE 802.3at), Wireless doorbell (Optional)
- **Standard Functions:** Access Levels/Groups/Holidays, DST/Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Special Functions:** Multiple Verification Modes, Alive Finger Detection, ZK Encrypted Card (Optional), Fingerprint Card

Access Control-Control Panels

Atlas 100

Atlas 200

Atlas 400

Atlas 160

Atlas 260

Atlas 460

Atlas Series

- State of the art 1, 2 and 4 door panels with built-in web application eliminates the need for management software with networked Primary/Secondary Panel configuration
- Primary/Secondary architecture allows scaling up to 84 doors
- Atlas Bio Series supports ZKTeco FR1500A fingerprint readers. Atlas additionally supports any 3rd-party readers which support Wiegand or OSDP communication with virtually any bit format to suit any project and size
- Capacity to store 5000 card holders and 100,000 transactions plus unlimited archive downloads.
- Built in POE and WiFi capability
- Mobile App available for IOS and Android platform
- No software required. Built-in Web Application provides advanced access control features including User Enrollment & Management, Door Control &Monitoring, Lockdown, Reporting, Maps, Anti-Passback, First-Card Opening, Multi-Card Opening, Card Design and Duress PINs.

Model	inBio160 Pro (F02060050)	inBio 260 Pro (F02060057)	inBio 460 Pro (F02060068)
Number of Doors Controller	1/2/4 Door		
Numbers of Readers Supported	4 (2 RS-485 Readers, 2 Wiegand readers)	8 (4 RS-485 Readers, 4 Wiegand readers)	12 (8 RS-485 Readers, 4 Wiegand readers)
Types of Readers Supported	26-bit Wiegand and RS485 FR Series Reader		
Number of Inputs	3(Exit Button and Door Status, 1 AUX)	6(2 Exit Button and 2 Door Status, 2 AUX)	12(4 Exit Button and 4 Door Status, 4 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)	4 (2-Form C Relay for Lock and 2-Form C Relay for Aux Output)	8 (4-Form C Relay for Lock and 4-Form C Relay for Aux Output)
Card Holders Capacity	30,000		
Fingerprint Capacity	3,000 (optional 20,000)		
Log Events Capacity	100,000		
Communication	TCP/IP		
Hardware	32 bit 400MHz CPU, 32MB RAM,128MB Flash		
Power	9.6V-14.4V DC		
Operating Temp	0-45 °C		
Operating Humidity	20% to 80%		
Package Dimension	350(L)×90(H)×300(W)mm		

Model	C5S-100 Pro (F02060242)	C5S 200 Pro (F02060242)	C5S 400 Pro (F02060242)
Number of Doors Controller	1/2/4 Door		
Numbers of Readers Supported	C5S-100: 4 (2 RS-485 Readers, 2 26-bit Wiegand readers)	C5S-200: 8 (4 RS-485 Readers, 4 26-bit Wiegand readers)	C5S-400: 12 (8 RS-485 Readers, 4 26-bit Wiegand readers)
Types of Readers Supported	26-bit Wiegand and RS485 FR Series Reader		
Number of Inputs	3 (Exit Button and Door Status, 1 AUX)	5 (1 Exit Button and 2 Door Status, 1 AUX)	9 (1 Exit Button and 4 Door Status, 1 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1 Form C Relay for Aux Output)	3 (2-Form C Relay for Lock and 1 Form C Relay for Aux Output)	5 (4-Form C Relay for Lock and 1 Form C Relay for Aux Output)

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Model	C5S-100 Pro (F02060242)	C5S 200 Pro (F02060242)	C5S 400 Pro (F02060242)
Card Holders Capacity	200,000 (Optional: 500,000)		
Log Events Capacity	1,000,000		
Communication	TCP/IP POW/WIFI (Optional)		
Hardware	Quad-core High Speed CPU, Memory 1G RAM / 512MB Flash		
Power	9.6V-14.4V DC		
Operating Temp	0-45 °C		
Operating Humidity	20% to 80%		
Package Dimension	355.20x308.25x63.80mm		

Model	InBio5S-160 Pro (F02060245)	InBio5S-260 Pro (F02060246)	InBio5S-460 Pro (F02060247)
Number of Doors Controller	1/2/4 Door		
Numbers of Readers Supported	4 (2 RS-485 Readers, 2 26-bit Wiegand readers)	8 (4 RS-485 Readers, 4 26-bit Wiegand readers)	12 (8 RS-485 Readers, 4 26-bit Wiegand readers)
Types of Readers Supported	26-bit Wiegand and RS485 FR Series Reader		
Number of Inputs	3 (Exit Button and Door Status, 1 AUX)	5 (1 Exit Button and 2 Door Status, 1 AUX)	9 (1 Exit Button and 4 Door Status, 1 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)	3 (2-Form C Relay for Lock and 1-Form C Relay for Aux Output)	5 (4-Form C Relay for Lock and 1-Form C Relay for Aux Output)
Card Holders Capacity	100,000		
Fingerprint Capacity	30,000 (optional 100,000)		
Log Events Capacity	1,000,000		
Communication	TCP/IP POE/WIFI (Optional)		
Hardware	Quad-core High Speed CPU, Memory 1G RAM / 512MB Flash		
Power	9.6V-14.4V DC		
Operating Temp	0-45 °C		
Operating Humidity	20% to 80%		
Package Dimension	355.20x308.25x63.80mm		

Access Control-Readers

Model	ProID10	ProID20	ProID30	ProID40
Card Type	125KHz EM, 13.56MHz MF Card, DESFire, FeliCa or Legic.			
Read Range	EM/IC Card 3.5cm			
LED	Pulsing White Standby Light, Red and Green LEDs			
Hardware	Beep		Beep, Touch Keypad	Beep
Material	ABS+PC			
Output Format	Wiegand 26bit or 34bit Adjustable			
Input Port	External LED Control, External Buzzer Control			
Index Protection	IP65			
Power	Operating Voltage 7~13V DC, Current Draw < 80mA			
Operating Temperature	-20 °C ~ 65 °C			
Dimensions	80.5 × 44 × 15mm	90 × 90 × 16mm		116 × 75 × 15mm

Time Attendance Terminal-FP T&A and A&C Devices

G2 (F01020074)

- **Display:** 3.5 Inches TFT-LCD Screen
- **Fingerprint Capacity:** 20,000 (Standard), 50,000 (Optional)
- **ID Card Capacity:** 20,000
- **Logs Capacity:** 200,000
- **Sensor:** SilkID Fingerprint Sensor
- **CPU:** 1.2GHz
- **Memory:** 128MB RAM/256MB Flash
- **Communication:** TCP/IP, USB Host/ Client, Wiegand Input/Output
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Power Supply:** 12V 1.5A
- **Standard Functions:** Work Code/WDMS, DST/SMS/Bell Schedule, Attendance Status Auto-Switch, Record Query/Photo ID, Camera, Anti-Passback, Custom Wallpaper & Screen Saver, ID Card Reader, electric lock, door sensor, exit button, alarm and doorbell
- **Optional Functions:** HID Proxy/MF Card, External Printer , Wi-Fi/3G
- **Software:** ZKTime.Web, ZKTime.Net 3.0, ZKAccess 3.5, WDMS
- **Dimensions:** 206.0 × 153.0 × 42.9 mm

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Time Attendance Terminal
Facial & FP & Palm T&A and A&C Devices

G3 Pro (F01070162)

- **Display:** 4.3 Inches Touch Screen
- **Face Capacity:** 12,000
- **Palm Capacity:** 6,000
- **FP Capacity:** 20,000
- **User / Cards capacity:** 20,000
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP,USB Host, Wiegand output
- **Standard Functions:** ID Card / Work Code / WDMS / DST / SMS / Bell Schedule / Attendance Status Auto-Switch/ Record Query / Photo ID / Custom Wallpaper & Screen Saver
- **Dimensions:** 199.2 × 171.8 × 96.9 mm
- **Access Control Interface:** Lock Relay Output,Alarm Output,Exit Button ,Door Sensor,External Bell
- **Special Functions:** Multiple Biometric Verification Modes, Alive Face / Palm Detection, Duplicate Face / Palm Detection
- **Optional Functions:** HID Proxy / Mifare Card Reader / Wi-Fi / 3G / External Printer / Battery (2,000 mAH) / POE(Standard IEEE 802.3at)
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Supported Softwares:** BioTime8.0 / ZKBioSecurity(T&A)

Time Attendance Terminal-Palm&FP T&A Devices

P160 (F01010581)

- **Display:** 2.8-inch TFT color Display
- **Palm Capacity:** 1,000
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Memory:** Quad-core High Speed CPU, Memory 1G RAM/512MB Flash
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User ID, DST, Scheduled Bell and SMS, Exit Button, Door Lock, Alarm,12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN/OUT
- **Optional Functions:** ID Card, MF Card, Access Control Module: AC module 1: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN; AC module 2: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN/OUT. PoE, 3G, Battery Module
- **Sensor:** BioID Sensor
- **Communication:** TCP/IP, USB, Wi-Fi
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 179.95*134.94*38.5 mm

Time Attendance Terminal-Facial&FP T&A and A&C Devices

G3 Plus (F01090158)

- **Display:** 4.3 Inches TFT-LCD Screen
- **Face Capacity:** 3,000 (1:N)/4,000 (1:1)
- **Fingerprint Capacity:** 5,000
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 100,000
- **Memory:** 128MB RAM/256MB Flash
- **Dimensions:** 199.2 × 171.8 × 96.9 mm
- **Sensor:** SilkID Fingerprint Sensor 168 Infrared Sensors
- **Operating Ilumination:** 0~60,000 Lux
- **Optional Functions:** HID Proxy/MF Card, External Printer, Wi-Fi/3G, Battery
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20%-80%
- **Algorithms:** ZKFace v9.0 & ZKFinger v10.0 Algorithms
- **CPU:** 1.2GHz
- **Communication:** TCP/IP, USB Host/Client, Wiegand Output
- **Standard Functions:** Work Code/WDMS, DST/SMS/Bell Schedule, Attendance Status Auto-Switch, Record Query/Photo ID, Custom Wallpaper & Screen Saver, ID Card Reader, electric lock, door sensor, exit button, alarm and doorbell

Standalone Terminal-Visible Light Face Verification

SpeedFace-H5L
(F02040021)

- **Display:** 5-inch Touch Screen
- **Face Capacity:** 6,000
- **Fingerprint Capacity:** 10,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP, WiFi (Optional), Wiegand input / output, RS485
- **Standard Functions:** ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes.
  Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
- **Optional Functions:** 13.56MHz IC Card (MF)
- **Power Supply:** ≤1s
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20%-80%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Access

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Model	ProFace X (F02030136) ProFace X[CH] (F02030137)	ProFace X[P] (F02030194) ProFace X[CH/P] (F02030198)	ProFace X[TD] (F02030190) ProFace X[CH/TD] (F02030192)
Display	8" Touch Screen		
Face Capacity	30,000(1:N) / 50,000(Optional)		
Palm Capacity	/	5,000	
Card Capacity	50,000		/
Logs Capacity	1,000,000, 2,000,000(Optional)		
Communication	TCP/IP, Wiegand Input / Output, WiFi (Optional), RS232 / RS485		
Standard Functions	Access Levels, Groups, Holiadays, DST, Duress Mode(Password), Record Query, Anti-Passback, Record Query, Custom Wallpaper&Screen Saver, Tamper Switch Alarm		
Access Control Interface	Lock Relay Output / Alarm Output / Auxiliary Input / Exit Button / Door Sensor		
Special Functions	IP68 & IK04 0.3s Hight Speed Face Verification Live Face detection HTTPS Communication Encryption (Optional) Event Snapshot		
Optional Functions	Mifare Card		/
Preventative Measures	/	Mask detection	
	/		Body temperature detection (ProFace X[TD] only) Temperature Measurement Distance: 30 ~ 50cm (1~ 1.64ft) Temperature Measurement Accuracy: ±0.3°C Temperature Measurement Range: 34 ~ 45°C
Biometrics Algorithms	ZKFace V5.8 & ZKFinger V10.0 & ZKPalm V12.0		
Power Supply	12V 3A		
Operating Temperature	-30°C ~ 60°C		
Operating Humidity	≤93%		
Operating System	Linux		
Supported Softwares	ZKBioAccess, ZKBioSecurity		

Model	SpeedFace-V5L (F02040025)	SpeedFace-V5L[P] (F02040053)	SpeedFace-V5L[TD] (F02040051)
Display	5-inch Touch Screen		
Face Capacity	6,000		
Palm Capacity	/	3,000	
Fingerprint Capacity	6,000 (Standard); 10,000 (Optional)		
Card Capacity	10,000		
Logs Capacity	200,000		
Communication	TCP/IP, WiFi (Optional), Wiegand input / output, RS485		
Standard Functions	ADMS, T9 Input, DST, Camera, 9-digit User ID, Acess Levels, Groups, Holidays, Anti- passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes		
Optional Functions	13.56MHz IC Card (MF)		/
Preventative Measures	/	Mask detection	
	/		Body temperature detection (SpeedFace-V5L[TD] only) Temperature Measurement Distance: 30 ~ 50cm (1~ 1.64ft) Temperature Measurement Accuracy: ±0.3°C Temperature Measurement Range: 34 ~ 45°C
Biometrics Algorithms	ZKFace V5.8 & ZKFinger V10.0 & ZKPalm V12.0		
Power Supply	12V 3A		
Operating Temperature	-10 °C ~ 45 °C		
Operating Humidity	10%-90%		
Operating System	Linux		
Supported Softwares	ZKBioAccess		

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FaceDepot-7BL
(F02040029)

- **Display:** 7-Inch Touch LCD Screen
- **Face Capacity:** 10,000
- **Fingerprint Capacity:** 10,000 (Optional)
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP, Wiegand Input / Output,WiFi (Optional), RS485
- **Standard Functions:** ADMS, T9 Input, DST, Camera, 9-digit User ID, Acess Levels, Groups, Holidays, Anti_x005fpassback, Record Query, Tamper Switch Alarm, Multiple Verify Modes.
  Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
- **Optional Functions:** 125KHz ID card (EM) /13.56MHz IC card (MF), Fingerprint
- **Power Supply:** ≤1s
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20%-80%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Access

MB560-VL
(F01080085)

- **Display:** 2.8-Inch TFT Screen
- **Face Capacity:** 3,000
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, WiFi, Optional, USB Host
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Work Code, DST, Self Service Query, Schedule-bell, Multilpe Vertify Modes,ADMS.
  Access Control Interface for 3rd Party Electric Lock, Door Sensor and Eixt Button
- Optional Functions: 125KHz ID Card/13.56MHz Mifare Card
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20%-80%
- **Operating System:** Linux
- **Supported Softwares:** BioTime 8.0

G4L (F01090221)

- **Display:** 7-Inch Touch Screen
- **Face Capacity:** 10,000
- **Fingerprint Capacity:** 10,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 1,000,000
- **Sensor:** SilkID Fingerprint Sensor
- **Communication:** TCP/IP, Wiegand Input / Output,WiFi (Optional), RS485
- **Standard Functions:** Automatic Status Switch,Work Code, DST, Self Service Query, Schedule-bell, ADMS,Photo ID.
  Access Control Interface for Lock Relay Output / Alarm Output / Exit Button / Door Sensor
- **Facial Recongntion Speed:** ≤0.5s
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 50 °C
- **Operating Humidity:** ≤90%
- **Operating System:** Linux
- **Supported Softwares:** BioTime 8.0

Elite Access (F01080092)

Elite Pass (F02030147)

Elite Series

- **Display:** 8" Hight Light IPS Touch LCD
- **Face Capacity:** 30000(1:N) / 50000(Optional)
- **User / Cards Capacity:** 50,000
- **Logs Capacity:** 1,000,000
- **Communication:** 200,000
- **Communication:** TCP / IP, Wiegand Input / Output,WiFi (Optional), RS232 / RS485
- **Standard Functions:** Access Levels, Groups, Holidays, DST / Duress Mode, Anti-Passback / Record Query, Custom Wallpaper & Screen / Saver, Tamper Switch Alarm
- **Access Control Interface:** Lock Relay Output / Alarm Output / Auxiliary Input / Exit Button / Door Sensor
- **Special Functions:** IP68 & IK04; 0.3s Hight Speed Face Verification; Anti-Spoofing algorithm against print/videos and 3D mask attack
- **Optional Functions:** Mifare Card
- **Power Supply:** Operating Voltage 12V DC / Current Draw < 2,000 mA
- **Operating Temperature:** -30°C - 60°C
- **Operating Humidity:** ≤93%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Access, ZKBioSecurity

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Model	Horus E1 (F01060795)	Horus E1-RFID (F01070145)	Horus E1-FP (F01070156)
LCD	5-inch,smartphone grade IPS touch LCD monitor		
Android Version	Android 8.1		
Memory	RAM 2GB / ROM 16GB		
Camera	2MP Dual Camera		
Verification Mode	Face	Face + RFID	Face + Fingerprint + RFID
Fingerprint Capacity	/	/	6,000 / 10,000 (optional)
RFID capacity	/	10,000	
Communication	4G,WiFi,Bluetooth,USB OTG,RS485,TCP/IP		
Optional Functions	Built in PIR,sperker,microphone,GPS and A-GPS, Security relay box for advance access control		
Power Supply	12V 2A		
Operating Temperature	-10 ℃ ~ 50 ℃		
Operating Humidity	20%-80%		
Dimensions	158 * 74 * 15.6mm	205.33 * 74 * 17.7 mm	

G4 (F01090201)

- **Display:** 7 Inches TFT-LCD Touch Screen
- **Face Capacity:** 10,000
- **Fingerprint Capacity:** 10,000
- **MF Card Capacity:** 10,000
- **Logs Capacity:** 1,000,000
- **Sensor:** SilkID Fingerprint Sensor
- **CPU:** High Performance Android Industrial CPU
- **Memory:** 2G RAM/16G ROM
- **Software:** BioTime8.0/ZKBioSecurity 3.0 (Time Attendance)
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 ℃- 50 ℃
- **Operating Humidity:** <90%
- **Dimensions:** 264*120*51 mm
- **Communication:** TCP/IP, USB Host, Wiegand Input, Wiegand Output
- **Standard Functions:** Work Code/ADMS/DST/Bell Schedule/ Attendance Status Auto-Switch/Record Query/Photo ID

FaceDepot-7A

- **Display:** 7-inch Screen With Impact-resistant Glass Cover
- **Face Capacity:** 10,000 (1:N)
- **Distance Detector:** 50cm ~ 150cm
- **Card Capacity:** 10,000 (Optional) ID or MF card
- **Transaction Capacity:** 200,000 Transactions
- **Algorithm Version:** ZKLiveface 5.6
- **Communication:** TCP/IP, USB-host, Wi-Fi (Optional), RS485, RS232
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** Anti-passback, Barrier Control
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -30 ℃- 60 ℃
- **Operating Humidity:** 10%-90%
- **SDK:** Push SDK
- **Software:** ZKBioAccess, ZKBioSecurity

FaceDepot-7B

- **Display:** 7-inch Screen
- **Face Capacity:** 10,000(1:N)
- **Verify Distance:** 30cm ~ 300cm
- **FP Capacity:** 10,000 (Optional)
- **Card Capacity:** 10,000 (Optional) ID or MF card
- **Transaction Capacity:** 200,000 Transactions
- **Algorithm Version:** ZKFinger VX12.0 (Optional) & ZKLiveface 5.6
- **Communication:** TCP/IP, USB-host, Wi-Fi (Optional), RS485, RS232
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** Anti-passback, Barrier Control
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -10 ℃- 45 ℃
- **Waterproof:** IP65
- **SDK:** Push SDK
- **Software:** ZKBioAccess, ZKBioSecurity

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SpeedFace-V5

- **Display:** 5-inch Touch Screen
- **Face Capacity:** 6,000 (1:N)
- **Verify Distance:** 30cm ~ 300cm
- **FP Capacity:** 10,000
- **Card Capacity:** 10,000 (Optional) MF card
- **Transaction Capacity:** 200,000 Transactions
- **Algorithm Version:** ZKFinger VX12.0 & ZKLiveface 5.6
- **Communication:** TCP/IP, USB-host, Wi-Fi (Optional), RS485, RS232
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** Anti-passback
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -10 °C- 45 °C
- **Humidity:** 10%-90%
- **SDK:** Push SDK
- **Software:** ZKBioAccess

SpeedFace-H5

- **Display:** 5-inch Touch Screen
- **Face Capacity:** 6,000 (1:N)
- **Verify Distance:** 30 cm ~ 300 cm
- **FP Capacity:** 10,000
- **Card Capacity:** 10,000 (Optional) ID/MF card
- **Transaction Capacity:** 200,000 Transactions
- **Algorithm Version:** ZKFinger VX12.0 & ZKLiveface 5.6
- **Communication:** TCP/IP, USB-host, Wi-Fi (Optional), RS485, RS232
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** Anti-passback
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -10 °C- 45 °C
- **Humidity:** 10%-90%
- **SDK:** Push SDK
- **Software:** ZKBioAccess

Access Control-Multi-purpose Integration Product

FaceKoisk-V43 (X02401009)

- **Display:** 43-inch touch screen
- **Face Capacity:** 10,000
- **Attandance Record Capacity:** 100,000
- **Communication:** TCP/IP, WIFI, USB Host
- **ROM:** 32GB
- **RAM:** DDR3 4GB
- **Operation System:** Android 7.1.2
- **Power Supply:** AC 110 ~ 240V
- **Operating Temperature:** -10 °C- 50 °C
- **Operating Humidity:** 10%-98%

FaceKiosk-H13A (F02040009)

- **Display:** 13.3-inch touch screen
- **Face Capacity:** 10,000
- **Attandance Record Capacity:** 100,000
- **Communication:** TCP/IP, Wiegand
- **ROM:** 16GB
- **RAM:** DDR3 2GB
- **Operation System:** Android 5.1.1
- **Power Supply:** 12V 3A
- **Operating Temperature:** -10 °C- 50 °C
- **Operating Humidity:** 10%-98%

FaceKoisk-V32 (X02401012)

- **Display:** 32-inch touch screen
- **Face Capacity:** 10,000
- **Attandance Record Capacity:** 100,000
- **Communication:** TCP/IP, WIFI, USB Host
- **ROM:** 32GB
- **RAM:** DDR3 4GB
- **Operation System:** Android 7.1.2
- **Power Supply:** AC 110 ~ 240V
- **Operating Temperature:** -10 °C- 50 °C
- **Operating Humidity:** 10%-98%

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FaceKoisk-H32 (X02401011)

- **Display:** 32-inch touch screen
- **Face Capacity:** 10,000
- **Attandance Record Capacity:** 100,000
- **Communication:** TCP/IP, WIFI, USB Host
- **ROM:** 32GB
- **RAM:** DDR3 4GB
- **Operation System:** Android 7.1.2
- **Power Supply:** AC 110 ~ 240V
- **Operating Temperature:** -10 °C- 50 °C
- **Operating Humidity:** 10%-98%

FaceKoisk-H21 (X02401013)

- **Display:** 21.5-inch touch screen
- **Face Capacity:** 10,000
- **Attandance Record Capacity:** 100,000
- **Communication:** TCP/IP, WIFI, USB Host
- **ROM:** 32GB
- **RAM:** DDR3 4GB
- **Operation System:** Android 7.1.2
- **Power Supply:** AC 110 ~ 240V
- **Operating Temperature:** -10 °C- 50 °C
- **Operating Humidity:** 10%-98%

FaceKiosk-H13C (F02040011)

- **Display:** 13.3-inch touch screen
- **Face Capacity:** 10,000
- **Attandance Record Capacity:** 100,000
- **Communication:** TCP/IP, WIFI, USB Host
- **ROM:** 16GB
- **RAM:** DDR3 2GB
- **Operation System:** Android 5.1.1
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 50 °C
- **Operating Humidity:** < 90%

FaceKiosk-V32T (X00207009)

- **Display:** 32-inch touch screen
- **Face Capacity:** 10,000
- **Attandance Record Capacity:** 100,000
- **Communication:** TCP/IP, WIFI, USB Host
- **ROM:** 32GB
- **RAM:** DDR3 4GB
- **Operation System:** Android 7.1.2
- **Power Supply:** AC 110 ~ 240V
- **Operating Temperature:** -10 °C- 50 °C
- **Operating Humidity:** 10%-98%

FI710 (F04150012)

- **Image Sensor:** 1/1.8" 2-megapixel progressive scanning CMOS
- **Effective Image Size:** 1920*1080
- **Minimum illumination:** 0.0001LUX@F1.0
- **Day & Night:** Automatic/color/black-and-white (ICR infrared cut-off filter)
- **Wide Dynamic Range:** 120dB
- **Power Supply:** DC12V±20%
- **Coding Type:** H.265 : MP, H.264: HP/MP/LP
- **Network Protocol:** TCP/IP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP,802.1X, IPv6
- **Focus:** 16-70mm / 4-18mm
- **Maximum Aperture:** F1.4 / F1.6

BioServer-N2 (F04150007)

- **Network Interface:** 1* gigabit ethernet port
- **RAM:** 8GB
- **Flash:** 32GB
- **Power:** DC 12V; AC 100-240V
- **Operating System:** Linux
- **Maximum Storage:** 30,000 facial templates
- **Recognition Speed:** 50 pictures / second
- **Maximum Number of Detected Faces Per Frame:** 20
- **Maximum Number of Recognized Faces Per Frame:** 8
- **Facial Recognition Accuracy Rate:** 98.5%

BioServer Pro 2 (F04150008)

- **Form Factor:** 2U rack server
- **CPU:** Intel E5-2600 series *2
- **GPU:** GPU card *1
- **RAM:** 32GB
- **Network Interface:** 2* gigabit ethernet port (RJ45)
- **Power:** 1+1 redundant power system
- **Operating System:** CentOS 7.2
- **Total target Capacity:** 1,000,000 templates
- **Single Target Library Capacity:** Maximum 200,000 templates
- **Number of Target Libraries:** Maximum 200

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Facial & FP T&A and A&C Devices

uFace202
(F01090086)

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, RS232/485, USB Host
- **Optional Functions:** ID/Mifare Cards, ADMS, 3G, WiFi, Backup Battery
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 193.7*164.5*112.5mm (L*W*T)
- **Optional Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multilpe Vertify Modes
  Access Control Interface for Third Party Electric Lock, Door Sensor and Eixt Button, Alarm

uFace302
(F01090091)

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, RS485, USB Host
- **Power Supply:** 12V 3A
- **Operating Eenvironment:** 0°C ~ 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 193.6*165.2*86mm (L*W*T)
- **Optional Functions:** ID/Mifare Cards, ADMS, 3G, WiFi, Backup Battery
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multilpe Vertify Mode
  Access Control Interface for Third Party Electric Lock, Door Sensor and Eixt Button, Alarm

uFace402
(F01090097)

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, USB Host
- **Power Supply:** 12V 3A
- **Operating Eenvironment:** 0°C ~ 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 193.6*165.2*86 mm (L*W*T)
- **Optional Functions:** ID/Mifare Cards, 3G, ADMS, WiFi, Backup Battery
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multilpe Vertify Mode
  Access Control Interface for Third Party Electric Lock, Door Sensor and Eixt Button, Alarm

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, USB Host, WiFi (optional)
- **Power Supply:** 12V 3A
- **Operating Eenvironment:** 0°C ~ 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 193.6*165.2*86mm (L*W*T)
- **Optional Functions:** ID / Mifare Cards, 3G, ADMS, WiFi, Backup Battery
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multilpe Vertify Mode
  Access Control Interface for Third Party Electric Lock, Door Sensor and Eixt Button, Alarm

uFace602
(F01090103)

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP / IP, USB Host
- **Power Supply:** 12V 3A
- **Operating Eenvironment:** 0°C ~ 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 193.6*165.2*86mm (L*W*T)
- **Optional Functions:** ID / Mifare Cards, 3G, ADMS, WiFi, Backup Battery
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multilpe Vertify Mode
  Access Control Interface for Third Party Electric Lock, Door Sensor and Eixt Button, Alarm

uFace800
(F01090107)

- **Display:** 4.3-Inch Touch Screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host
- **Operating illumination:** 0~1,200 Lux
- **Power Supply:** 12V 3A
- **Operating Eenvironment:** 0°C ~ 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 195.5*166.5*120 mm (L*W*T)
- **Optional Functions:** ID / Mifare Cards, 3G, ADMS, WiFi, Backup Battery
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Schedule-bell, Multilpe Vertify Mode
  Access Control Interface for Third Party Electric Lock, Door Sensor and Eixt Button, Alarm

SFace900
(F01090124)

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- **Display:** 2.8-inch TFT Screen
- **Face Capacity:** 2,000 (1:N)
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Communication:** TCP/IP, USB-Host
- **Standard Functions:** Work Code, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch ,Photo ID, T9 Input, Camera, 9 digit user ID, Backup Battery, Multiple Verify Mode, External Bell.
  Access Control Interface for Lock, Door Sensor, Exit Button, Alarm
  Wiegand Signal: Wiegand Out
  Optional Functions: ID / Mifare / Felica Cards, ADMS,External Printer
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 173.0×159.0×36.1mm (L*W*T)

SilkBio-100TC
(F01010662)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 2,000 (1:N)
- **Face Capacity:** 3,000
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Communication:** TCP/IP, USB-Host, Wi-Fi (Optional)
- **Standard Functions:** Work Code, SMS, DST, Scheduled-bell,
- Self-Service Query, Automatic Status Switch, Photo ID, T9 Input, Camera, 9 digit user ID, Built-in Battery, Multiple Verify Mode, Access Control Interface for Lock, Door Sensor, Exit Button, Alarm
  Optional Functions: ID/Mifare/Felica Cards, ADMS, External Bell / Printer,WiFi
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 180 x 154 x 34.2 mm (L*W*T)

SilkBio-101TC
(F01090082)

- **Display:** 2.8-Inch TFT Color Screen
- **Face Capacity:** 1,500 (1:N)
- **Fingerprint Capacity:** 2,000
- **ID Card Capacity:** 2000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP,USB host, WiFi (Optional)
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Power Supply:** 12V 1.5A
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-sevice Qquery, Automatic Status Switch,T9 input, Photo ID, Camera, Multi-verification, RS232 Printer(Optional Cable), 3rd party electric lock, Exit Button, Alarm
- **Optional Functions:**
  ID / Mifare card, Work Code, ADMS

MB160
(F01090074)

MB360
(F01090077)

- **Display:** 2.8-Inch TFT Color Screen
- **Face Capacity:** 1,500 (1:N)
- **Fingerprint Capacity:** 2,000
- **ID Card Capacity:** 2,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP,USB-host, WiFi (Optional)
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Optional Functions:** ID/Mifare card, Work Code, ADMS
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-sevice Query, Automatic Status Switch,T9 input, Photo ID, Camera, Multi-verification, RS232 Printer(Optional Cable), 3rd party electric lock, Exit Button, Alarm

MB460
(F01090120)

- **Display:** 2.8-Inch TFT Color Screen
- **Face Capacity:** 1,500 (1:N)
- **Fingerprint Capacity:** 2,000
- **ID Card Capacity:** 2,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP,USB host, WiFi (Optional)
- **Operating Temperature:** 0 °C- 45°C
- **Operating Humidity:** 20%-80%
- **Power Supply:** 12V 1.5A
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-sevice Query, Automatic Status Switch,T9 input, Photo ID, Camera, Multi-verification, RS232 Printer(Optional Cable), 3rd party electric lock, Exit Button, Alarm
- **Optional Functions:**
  ID / Mifare card, Work Code, ADMS, 3G, GPRS, Battery

FP T&A Devices

S922

- **Display:** 3.5-inch TFT Screen
- **Fingerprint Capacity:** 5, 000 (Standard) / 10,000 (Optional)
- **ID Card Capacity:** 50,000 (Optional)
- **Logs Capacity:** 200,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP / IP, USB Host
- **Standard Functions:** Work Code, DST, Short Message,Self Service Query, 9 Digit User ID,T9 Iuput, Automatic Status Switch, Photo ID, ADMS, Backup Battery, ID Card
- **Optional Functions:** MiFare / HID Cards, Wi-Fi, GPRS, 3G
  * IP65 rated waterproof and dustproof protection grade
  * Shockproof (0.5m above the ground)
  * Rubber coated protection
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 225*235*125 mm (L*W*T)

SilkFP-101TA

- **Display:** 2.8-inch TFT color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Communication:** TCP/IP, USB Host/Client (Optional)
- **Standard Functions:** Webserver, Work Code, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 Input, 9 digit user ID, Photo ID
- **Optional Functions:** ID / Mifare / HID Cards, Wi-Fi, ADMS, External Bell/Printer
- **Power Supply:** 5V 0.8A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 192.0*140.0*42.5 mm (L*W*T)

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Zpad plus
(F01020340)

- **Display:** 7-Inch Touch Screen
- **Fingerprint Capacity:** 6,000
- **ID Card Capacity:** 10,000 (Optional)
- **Optional Card:** ID / MF / HID OMNIKEY 5127
- **Logs Capacity:** 1,000,000
- **Communication:** TCP / IP, Wi-Fi, USB OTG, Bluetooth
- **Sensor:** SilkID Fingerprint Sensor
- **Battery:** 4000mAh
- **Standard Functions:** 1ch Relay, 1ch input Microphone & speaker
- **SDK Features:** Realy switching, Exit button controler; RFID card read and write; Fingerprint enrollment and authentication
- **Operating Environment:** 0°C- 45°C
- **Operating Humidity:** 20%- 80%
- **Power Supply:** 12V 1.5A

Zpad plus-RFID
(F01020361)

- **Display:** 7-Inch Touch Screen
- **Memory:** 1G RAM / 8G Flash
- **ID Card Capacity:** 10,000 (Optional)
- **Optional Card:** MF/HID OMNIKEY 5127
- **Logs Capacity:** 1,000,000
- **Communication:** TCP/IP, Wi-Fi, USB OTG, Bluetooth 4.0
- **Battery:** 4000mAh
- **Standard Functions:** 1ch Relay, 1ch input Microphone & speaker
- **SDK Features:** Realy switching, Exit button controler; RFID card read and authentication
- **Operating Environment:** 0°C- 45°C
- **Operating Humidity:** 20%- 80%
- **Power Supply:** 12V 1.5A

K14 (F01010490)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 3,000
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host
- **Standard Functions:** Work Code, Short Message, DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input
  Optional Functions: MF Card, SSR
- **Power Supply:** 5V 800mA
- **Operating Eenvironment:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

LX50 (F01010549)

- **Display:** 2.8-Inch TFT Color Screen
  Fingerprint Capacity: 500 (max:1000)
- **Logs Capacity:** 50,000
- **Communication:** USB Host and Client (Optional)
- **Standard Functions:** DST,Self Service Query,9 Digit User ID, Automatic Status Switch,Schedule-bell,T9 Input,SSR Report
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%

Model	LX14 (F01010541)	LX15 (F01010542)	LX16 (F01010543)	LX17 (F01010544)
Display	2.8-Inch TFT Color Screen			
Fingerprint Capacity	500			
Logs Capacity	50,000			
Sensor	ZK Optical Sensor			
Communication	USB Host and Client(Optional)			
Standard Functions	DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, SSR Report			
Power Supply	5V 800mA			
Operating Eenvironment	0°C- 45°C; 20%-80%			

LP400 (F01010520)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host
- **Standard Functions:** Work Code,DST,Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch,RS232 Printer
- **Optional Functions:** ID / MF / HID card, ADMS, Built-in Battery
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Eenvironment:** 20%-80%

U160-C (F01011414)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000(Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / MF / HID card, WiFi, ADMS,Photo ID, Multilpe Vertify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
  Operating Temperature: 0°C- 45°C
- **Operating Humidity:** 20%-80%

U260-C (F01011415)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000(Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID/MF/HID card, ADMS, Photo ID, Multilpe Vertify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

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- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / MF / HID card, Webserver, ADMS, Photo ID, Multilpe Vertify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

U300-C (F01011413)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID CardCapacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / MF / HID card, WiFi, ADMS, Multilpe Vertify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

U560-C (F01011448)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, SMS, DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Built-in Battery
- **Optional Functions:** ID / MF / HID card, Webserver, ADMS, WiFi, 3G,
- External Bell, Schedule-bell, Multilpe Vertify Mode, T9 Input
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%

IN01 (F01011367)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code,DST,Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch, Built-in Battery
- **Optional Functions:** ID / MF / HID card, ADMS, WiFi, 3G, External Bell
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%

IN02 (F01011368)

Model	UA100 (F01010881)	UA200 (F01011422)	UA300 (F01011399)	UA400 (F01011417)
Display	3" Color Display	3" Color Display	3" Color Display	3" Color Display
Fingerprint Capacity	3000	3,000	3,000	3,000
ID Card Capacity	30,000 (Optional)	30,000 (Optional)	10,000 (Optional)	10,000 (Optional)
Logs Capacity	100,000	100,000	100,000	100,000
Communication	TCP / IP, USB Host & client (Optional)			
Standard Functions	Webserver, Work Code, DST, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch			
Optional Functions	ID / MF / HID card, ADMS, Photo ID, External Bell and Printer			ID / MF card, ADMS, Multilpe Vertify Mode, External Printer and Bell
Power Supply	5V 800mA	5V 800mA	5V 800mA	5V 800mA
Operating Temperature	0°C- 45°C	0°C- 45°C	0°C- 45°C	0°C- 45°C
Operating Humidity	20%-80%	20%-80%	20%-80%	20%-80%

- **Display:** 3" Color Display
- **ID Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** ID Card,Work Code,DST,Short Message,Self Service Query,9 Digit User ID,Schedule-bell,Automatic Status Switch
- **Optional Functions:** MF / HID Card, Wi-Fi, Webserver, ADMS, Photo ID, External Printer and Belll, Multilpe Vertify Modes
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%

S160-C (F01030224)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000(Optional)
- **Logs Capacity:** 50,000
- **Communication:** TCP / IP, RS232, USB Host
- **Standard Functions:** Work Code,DST,Short Message,Self Service Query, 9 Digit User ID,Photo ID,Schedule-bell,Automatic Status Switch, External Printer
- **Optional Functions:** MF Card, Wi-Fi, ADMS, External Bell
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%

US15C (F01010919)

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iClock260
(F01011411)

- **Display:** 3.5" Color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, T9 Input, Automatic Status Switch, Photo ID
- **Optional Functions:** ID / MF / HID Card, Websever, WiFi, ADMS, Multilpe Vertify Modes, External Bell and Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

iClock360
(F01011412)

- **Display:** 3.5" Color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, T9 Input, Automatic Status Switch, Photo ID
- **Optional Functions:** ID / MF / HID Card, Websever, WiFi, ADMS, Multilpe Vertify Modes, External Bell and Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

iClock460
(F01020370)

- **Display:** 3.5" Color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, T9 Input, Automatic Status Switch, Photo ID
- **Optional Functions:** ID / MF / HID Card,WiFi, Websever, ADMS, Multilpe Vertify Modes, External Bell and Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

iClock660
(F01020324)

- **Display:** 3.5" Color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
  Communication: TCP / IP, RS232 / 485, USB Host & client (Optional)
- **Standard Functions:** DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, T9 Input, Automatic Status Switch, Photo ID, Camera
- **Optional Functions:** Work Code, ID / MF / HID Card, WiFi, 3G, Websever, ADMS, Multilpe Vertify Mode, External Bell and Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

WL10 (F01010969)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 1,000 / 1,500 (without SSR)
- **Sensor:** BioID sensor
- **Logs Capacity:** 50,000
- **Communication:** USB Host, Wi-Fi (WLAN / Hot spot)
- **Standard Functions:** DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, T9 Input, SSR Report
- **Optional Functions:** APP: TA Assistant,ADMS
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

WL20 (F01010970)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 1,000 / 1,500 (without SSR)
- **Sensor:** BioID sensor
- **Logs Capacity:** 50,000
- **Communication:** USB Host, Wi-Fi (WLAN / Hot spot)
- **Standard Functions:** DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, T9 Input, SSR Report
- **Optional Functions:** APP: TA Assistant,ADMS
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 1,000/1,500 (without SSR)
- **Sensor:** BioID sensor
- **Logs Capacity:** 50,000
- **Communication:** USB Host, Wi-Fi (WLAN / Hot spot)
- **Standard Functions:** DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, SSR Report
- **Optional Functions:** APP: TA Assistant, ADMS
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

WL30 (F01010971)

- **Display:** 2.8" Color Display
- **Fingerprint Capacity:** 3,000
- **Sensor:** BioID sensor
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 50,000
- **Communication:** TCP / IP, Wi-Fi, USB Host
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, External Printer(Optional Cable)
- **Optional Functions:** ID / Mifare Card, ADMS, Backup Battery, Webserver
- **Power Supply:** 12V 1.5A
- **Operating Environment:** 0°C- 45°C;
- **Operating Humidity:** 20%-80%

UA760 (F01010584)

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- **Display:** 2.8" Color Display
- **Fingerprint Capacity:** 3,000
- **Sensor:** BioID sensor
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, Wi-Fi, USB (host)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, External Printer (Optional Cable)
- **Optional Functions:** ID / Mifare Card, ADMS, Backup Battery, Webserver
- **Power Supply:** 12V 1.5A
- **Operating Environment:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

UA860 (F01010587)

FP T&A and A&C Devices

- **Display:** 3.5-inch TFT color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP / IP, USB Host / Client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Photo ID, Anti-passback
  Access Control Interface for Third Party Electric Lock, Door Sensor and Eixt Button, Alarm
  Wiegand Signal: Wiegand Out / In
- **Optional Functions:** ID / MF / HID Cards, Wi-Fi, GPRS, Webserver, ADMS, Multilpe Vertify Mode, External Printer
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 250.6×150×41.6mm

iClock480
(F01020379)

- **Display:** 3.5-inch TFT color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP / IP, USB Host / Client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Iuput, Schedule-bell, Automatic Status Switch, Photo ID, Anti-passback
  Access Control Interface for Third Party Electric Lock, Door Sensor and Eixt Button, Alarm
  Wiegand Signal: Wiegand Out / In
- **Optional Functions:** ID / MiFare / HID Cards, Wi-Fi, Webserver, ADMS,
- Multilpe Vertify Mode, External Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 250.6*150*41.6 mm (L*W*T)

iClock580
(F01020364)

- **Display:** 3.5-inch TFT color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Sensor:** ZK Optical Sensor
- **Memory:** 128MB RAM / 256MB Flash
- **Communication:** TCP / IP, RS232 / 485, USB Host, Wiegand Out & In
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Iuput, Schedule-bell, Automatic Status Switch, Photo ID, Anti-passback, Backup Battery
  Access Control Interface for Third Party Electric Lock, Door Sensor and Eixt Button, Door Bell
- **Optional Functions:** MF Card, Wi-Fi, GPRS, ADMS, External Printer, Camera,
- Multilpe Vertify Mode
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 250.6*150*41.6mm (L*W*T)
- **Package Weight:** 1.40 kg

iClock990
(F01020332)

- **Display:** 3-inch TFT color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Memory:** 128MB RAM / 256MB Flash
- **Communication:** TCP / IP, USB Host, Wi-Fi
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User ID, DST, Scheduled-bell and SMS, Battery, Wi-Fi,External Printer
  IN05: Time attendance without access
  IN05-A: Advance access, Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN / OUT
- **Optional Functions:** ID Card, Mifare Card, HID Card, PoE, 3G
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 179.95*134.94*38.5 mm (L*W*T)

IN05 (F01011177)
IN05-A(F01011180)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / MF / HID card, ADMS, Photo ID, Multilpe Vertify Modes, External Bell or Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%

B3-C (F02010676)

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Model	K20 (F01020227)	K40 (F01020232)
Display	2.8-Inch TFT Color Screen	2.8-Inch TFT Color Screen
Fingerprint Capacity	3,000	3,000
ID Card Capacity	3,000 (Optional)	3,000 (Optional)
Logs Capacity	100,000	100,000
Communication	TCP / IP, USB Host	TCP / IP, USB Host
Standard Functions	Work Code, SMS, DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, Multilpe Vertify Mode, Simple Access Control, Backup Battery	Work Code, SMS, DST, Self-Service Query, Automatic Status Switch, Scheduled-bell, T9 Input, 9 Digit User ID, Backup Battery, Simple Access Control
Optional Functions	ID Card, External Bell, SSR	ID / MF card, SSR, External Bell
Power Supply	12V 3A	12V 1.5A
Operating Temperature	0°C- 45°C	0°C- 45°C
Operating Humidity	/	20%-80%

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & Client (Optional), RS232 / 485
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 5 Digit User ID, Multiple Vertify Modes, T9 Input, Automatic Status Switch, Backup Battery, Advance Access Control, Wiegand In & Out, Anti-passback
- **Optional Functions:** ID / MF / HID card, Wi-Fi, 4G, 3G, Webserver, ADMS,
- Photo ID, External Bell, Schedule-bell
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%

IN01-A
(F01020317)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & Client (Optional), WiFi (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, Automatic Status Switch, Photo ID,Backup Battery,Advance Access Control, Wiegand In & Out, Anti-passback,Schedule-bell
- **Optional Functions:** ID / MF / HID Card, 3G, ADMS, External Printer, Multiple Vertify Modes,T9 Input
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%

IN02-A
(F01020318)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host
- **Standard Functions:** Work Code, DST,SMS, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Built-in Battery, Multilpe Vertify Modes
- **Optional Functions:** ID / MF card, Webserver, ADMS, Photo ID, External Bell and Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%

IN03 (F01011481)

- **Display:** 4.3-Inch TFT Color Screen
- **Fingerprint Capacity:** 20,000
- **ID Card Capacity:** 20,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP / IP, USB-Host
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Scheduled Bell, DST, 9 Digit User ID
- **Optional Functions:** ID / Mifare/HID card, WiFi, 3G, ADMS, Backup-Battery
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 205*86*45 mm (L*W*T)

S1000 (F01010610)

Facial T & A and A & C Device

- **Display:** 2.8-Inch TFT Color Screen
- **Face Capacity:** 1,500 (1:N)
- **ID Card Capacity:** 2,000
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB-Host
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-sevice Qquery, Automatic Status Switch, T9 input, Photo ID, Camera, Multi-verification, External Printer (Optional Cable), 3rd party electric lock, Exit Button, Alarm
- **Optional Functions:** ID / Mifare card, Work Code, ADMS, WiFi, External Bell
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

KF160 (F01080026)

- **Display:** 2.8-Inch TFT Color Screen
- **Face Capacity:** 1,500 (1:N)
- **ID Card Capacity:** 2,000
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB-Host
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-sevice Qquery, Automatic Status Switch, T9 input, Photo ID, Camera, Multi-verification, External Printer (Optional Cable), 3rd party electric lock, Exit Button, Alarm
- **Optional Functions:** ID / Mifare card, Work Code, ADMS, WiFi, External Bell
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

KF460 (F01080044)

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Model	VF380 (F01080053)	VF680 (F01080054)	VF780 (F01080055)
Display	2.8" Color Display	2.8" Color Display	2.8" Color Display
Face Capacity	3,000	3,000	3,000
ID Card Capacity	50000 / 100,000 (Optional)	50000 / 100,000 (Optional)	50000 / 100,000 (Optional)
Logs Capacity	100,000	100,000	100,000
Communication	TCP / IP, USB Host	TCP / IP, USB Host	TCP / IP, USB Host
Standard Functions	ID Card, Automatic Status switch, T9 input, Photo ID, Work Code, DST, Self Service Query, SMS, Schedule-bell, Access Control Ineterface for 3rd Party Electric Lock, Door Sensor and Eixt Button	ID Card, Automatic Status switch, T9 input, Photo ID, Work Code, DST, Self Service Query, SMS, Schedule-bell, Access Control Ineterface for 3rd Party Electric Lock, Door Sensor and Eixt Button	Automatic Status switch, T9 input, Photo ID, Work Code, DST, Self Service Query, SMS, Schedule-bell, Access Control Ineterface for 3rd Party Electric Lock, Door Sensor and Eixt Button
Optional Functions	ADMS, MF Card, WiFi	ADMS, MF Card, WiFi	ADMS, MF Card, WiFi
Power Supply	12V 1.5A	12V 1.5A	12V 1.5A
Operating Temperature	0 °C- 45°C	0 °C- 45°C	0 °C- 45°C
Operating Humidity	20%-80%	20%-80%	20%-80%

RFID T&A Devices

- **Display:** 3.5" Color Display
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 50,000
- **Communication:** TCP / IP, USB Host & Client (Optional)
- **Standard Functions:** ID Card, Work Code, DST,Short Message, Self Service
- Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Photo ID
- **Optional Functions:** Mifare / HID Card, Webserver, ADMS, Multilpe Vertify Modes, WiFi, External Bell, External Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%

S500 (F01030232)

Countertop T&A Devices

	D1 (F01011295)	D2 (F01011296)	D1S (F01011381)	D2S (F01011382)
Display	2.8-Inch TFT Color Screen			
User Capacity	1,000		200	
Fingerprint Capacity	1,000		400	
Logs Capacity	5,000		10,000	
Sensor	BioID Sensor			
Communication	USB Host, Wi-Fi (WLAN / Hot spot)		USB (Host & Client)	
Standard Functions	DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, SSR Report, Built-in battery		DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Built-in battery	
Power Supply	5V 2A			
Operating Temperature	0 °C- 45 °C			
Operating Humidity	20%-80%			
Dimension(mm)	180.0 x 84.5 x 81	170.0 x 84.0 x 84.9	180.0 x 84.5 x 81	170.0 x 84.0 x 84.9

Palm & FP T & A Devices

- **Display:** 2.8-inch TFT color Display
- **Palm Capacity:** 600
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Communication:** TCP / IP, USB Host, Wi-Fi
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 179.95*134.94*38.5mm
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User ID, DST, Scheduled-bell, SMS, RS232 Printer, AC module 1:Exit Button, Door Lock, Alarm, 12V OUT, AUX IN
- **Optional Functions:** ID Card, Mifare Card Access Control Module: AC module 2: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN / OUT, PoE, 3G, Battery Module, ADMS

P160 (F01010581)

- **Display:** 3-inch TFT color Display
- **Palm Capacity:** 600
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Communication:** TCP / IP, USB Host, Wi-Fi
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C- 45°C
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Work T9 Code, Input, 9 Digit User ID, DST, Scheduled-bell and SMS, Battery, WiFi, Anti Passback Advance access: Exit Button, Door Lock, Alarm,12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN / OUT
- **Optional Functions:** ID Card, Mifare Card, PoE, 3G
- **Operating Humidity:** 20%-80%
- **Dimensions:** 179.95*134.94*38.5mm

P260 (F02010572)

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Access Control

ZKTeco' s access control product line is comprised of IP-based standalone access control devices, networked access control panels, readers and guard patrol and accessories with network-based one-stop access control and T&A software. Thus, ZKTeco provides business partners with one-stop R&D and manufacturing services.

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Standalone Terminal-Fingerprint

F18 (F02010522)

- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 10,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, USB Host, RS232/485
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Standard Functions:** Self-Service Query, DST, 9 Digit User ID, Webserver, External RS485 fingerprint reader, Anti-passback, Multi-verification method, Wiegand in/Out
- **Optional Functions:** ID/MF Card/HID card, ADMS, Scheduled Bell, Photo ID, SRB, Printer

F21 (F02010120)

- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Sensor
- **Communication:** TCP/IP, USB Host, RS232/485
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Scheduled Bell, DST, 9 Digit User ID, External RS485 Fingerprint Reader, Anti-passback, Multi-verification, Wiegand in/Out, SRB, Camera
- **Optional Functions:** ID/MF card, ADMS, Photo ID, Printer, T9 Input
- **Dimensions:** 205*86*45mm (L*W*T)

MA300 (F02010331)

- **Fingerprint Capacity:** 1,500
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 100,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, USB Host, RS485
- **Power Supply:** 12V 3A
- **Operating Temperature:** -10 °C- 60 °C
- **Operating Humidity:** 10%-90%
- **Standard Functions:** 9 Digit User ID, External RS485 fingerprint reader, Anti-passback, ID card, Wiegand in/Out
- **Optional Functions:** MF Card/HID card, SRB, Multi-verification method
- **Protection Rate:** IP65
- **Dimensions:** 205*86*45mm (L*W*T)
- **Gross Weight:** 1.15kg

TF1700 (F02010436)

- **Display:** 128 x 64 OLED
- **Fingerprint Capacity:** 3,000 (8,000 Optional)
- **ID Card Capacity:** 10,000 (30,000 Optional)
- **Logs Capacity:** 50,000 (100,000 Optional)
- **Sensor:** Infrared detection fingerprint sensor
- **Communication:** TCP/IP, USB Host, RS485
- **Power Supply:** 12V 3A
- **Operating Environment:** -10 °C- 50 °C;
- **Protection Rate:** IP65
- **Dimensions:** 185*62.5*41.5mm (L*W*H)
- **Standard Functions:** 9 Digit User ID, External RS485 fingerprint reader, Anti-passback, ID card, Webserver, SMS, DST, Multi-verification method, Wiegand in/Out
- **Optional Functions:** MF card, SRB, Workcode, Self-Service Query, ADMS

Standalone Terminal-Multi-Biometric

- **Display:** 2.8-inch Touch Screen
- **Face Capacity:** 1,500 (1:N); 4,000 (1:1)
- **Fingerprint Capacity:** 4,000
- **Card Capacity:** 10,000 (Optional); ID/MF Card or HID card
- **Transaction Capacity:** 100,000
- **Algorithm Version:** ZKFinger VX10.0 & ZKFace VX7.0
- **Communication:** RS485, TCP/IP, USB-host
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Aux. Input:** 1ea for linkage function
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Standard Function:** DST, Automatic Status Switch, Anti-passback, Scheduled-Bell

MultiBio 800-H (F02030009)

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Control Panel-C3 Series

C3-100 (F02060001)

C3-200 (F02060009)

C3-400 (F02060018)

- **Number of Inputs:** C3-100: 2 (Exit Device and Door Status);
  C3-200: 6 (2 Exit Device, 2 Door Status, 2 AUX)
  C3-400: 12 (4 Exit Device, 4 Door Status, 4 AUX)
- **Number of Outputs:** C3-100: 2 (1-From C Relay for Lock and1-Form C Relay for Aux Output);
  C3-200: 4 (2-From C Relay for Lock and 2-Form C Relay for Aux Output);
  C3-400: 8 (4-Form C Relay for Lock and 4-Form C Relay for Aux Output)
- **Weight: C3-100:** C3-100: 7.4lbs (3.35kg); C3-200: 7.5lbs (3.4kg); C3-400: 7.8lbs (3.55kg)

- **Doors Controlled:** 1 Door/2 Door/4 Door
- **Readers Supported:** 2; 4; 4
- **Card Holders Capacity:** 30,000
- **Log Events Capacity:** 100,000
- **Communication:** TCP/IP, RS232/485
- **Types of Readers:** 26-bit Wiegand, others upon request
- **Mounting:** Wall Mount
- **Power Supply:** 12V DC, 1.5A
- **Enclosure:** Powder Coated Aluminium
- **Dimensions (Bundle Only):** 380*80*280mm (L*W*H)
- **Dimensions (Board Only):** 160*106mm

Reader-Fingerprint

FR1500-WP (F06010011)

- **Sensor:** BioID, SilkID (Optional)
- **Algorithm:** ZKFinger v10.0
- **Standard Function:** ID Card
- **Optional Function:** MF Card, HID Prox Card, HID Iclass Card
- **Communication:** RS485
- **CPU:** 1.0 GHz
- **Hardware:** Buzzer Prompt, Three-color Indicator Light
- **Compatibility:** inBio/inBioPro Controllers, Standalone Fingerprint Devices
- **Working Voltage:** 12VDC
- **Working Temperature:** -10 °C ~ 45 °C
- **Dimension(L*W*H):** 121.3*77.3*38 mm

Control Panel-InBio Series

InBio-160 (F02060049)

InBio-260 (F02060056)

InBio-460 (F02060067)

- **Readers Supported:** InBio-160: 4 (2 RS-485 Reader, 2 26-bit wiegand reader);
  InBio-260: 8 (4 RS-485 Reader, 4 26-bit wiegand reader);
  InBio-460: 12 (8 RS-485 Reader, 4 26-bit wiegand reader)
- **Number of Inputs:** InBio-160: 3(1exit Device and 1 Door Status, 1 AUX);
  InBio-260: 6 (2 exit Device and 2 Door Status, 2 AUX)
  InBio-460:12(4 exit Device and 4 Door Status, 4 AUX)
- **Number of Outputs:** InBio-160: 2 (1-Form C Relay for Lock and 1 Form C Relay for Aux Output)
  InBio-260: 4 (2-Form C Relay for Lock and 2 Form C Relay for Aux Output);
  InBio-460: 8 (4-Form C Relay for Lock and 4 Form C Relay for Aux Output)
- **Dimension(L*H*W):** inbio160 & inbio260: 185*106*36 mm; inBio460: 452*212*72 mm
- **Package Weight:** InBio-160: 3.6kg; InBio-260: 3.6kg; InBio-460: 3.7kg

- **Doors Controlled:** 1 Door/2 Door/4 Door
- **Card Holders Capacity:** 30,000
- **Fingerprint Capacity:** 3,000 (optional 20,000)
- **Log Events Capacity:** 100,000
- **Types of Readers:** 26-bit Wiegand and RS485 FR Series Reader
- **Communication:** TCP/IP and RS-485
- **CPU:** 32 bit 400MHz CPU
- **RAM:** 32M
- **Flash Memory:** 128M
- **Power Supply:** 9.6V-14.4V DC

Control Panel-C2 Series

C2-260 (F02060214)

C2-260 FP (F02060279)

- **Doors Controlled:** 2 Door
- **Readers Supported:** 8 (8 RS-485 Reader)
- **Type of Readers:** RS485 Series Reader
- **Number of Inputs:** C2-260:6 (2 exit Device and 2 Door Status, 2 AUX)
- **Number of Outputs:** 4 (2-Form C Relay for Lock and 2 Form C Relay for Aux Output)
- **Card holders Capacity:** 30,000
- **Fingerprint Capacity:** 2,000 (C2-260 FP)
- **Log Events Capacity:** 200000
- **Communication:** 32 bit 1.0GHz CPU
- **CPU:** 32 bit 1.0GHz CPU
- **RAM:** 64M
- **Flash Memory:** 128M
- **Power:** 9.6V-14.4V DC

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Control Panel-DM10

DM10 (F02010434)

- **Doors Controlled:** 1 Door
- **Readers Supported:** 2 (2 26-bit wiegand reader)
- **Types of Readers :** 26-bit Wiegand
- **Number of Inputs:** 3 (1 exit Device and 1Door Status, 1 AUX)
- **Number of Outputs:** 2 (1-Form C Relay for Lock and 1 Form C Relay for Aux Output)
- **Communication:** TCP/IP and RS-485 USB
- **Power:** 9.6V-14.4V DC

Standalone Terminal-Fingerprint

- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 100,000
- **Dimensions:** 205*86*45 mm (T*W*H)
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, USB Host, RS232/485
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Optional Functions:** ID/MF Card, ADMS, Photo ID, Printer, T9 Input
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Scheduled Bell, DST, 9 Digit User ID, External RS485 fingerprint reader, Anti-passback, Multi-verification, Wiegand in/Out, SRB

F21 Lite (F02010121)

- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, RS485
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Standard Functions:** ID card, Anti-passback, Multi-verification, Wiegand in/Out, Advance access control
- **Optional Functions:** MF Card
- **Protection Rate:** IP65

F16 (F02010090)

MA500 (F02010338)

- **Fingerprint Capacity:** 3000
- **ID Card Capacity:** 30000
- **Logs Capacity:** 100000
- **Communication:** TCP/IP, RS485
- **Standard Functions:** 9 Digit User ID, External RS485 fingerprint reader,Wiegand Out, advance access control, Anti-passback, DoorBell, Multi-verification method
- **Optional Functions:** MF Card
- **Power Supply:** 12V 3A
- **Optional Temperature:** 0 °C- 45 °C
- **Ingress Protection Rate:** IP65

F19 (F02010577)

- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZK Optical Sensor
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, USB Host, RS232/485
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Optional Functions:** ID/MF Card/HID card, ADMS, Scheduled Bell, Photo ID, SRB, Printer
- **Standard Functions:** Self-Service Query, DST, 9 Digit User ID, Webserver, External RS485 fingerprint reader, Anti-passback, Multi-verification method, Wiegand in/Out

F7-C (F02010376)

- **Display:** 2.0-Inch TFT Color Screen
- **Fingerprint Capacity:** 1500
- **ID Card Capacity:** 5000 (optional)
- **Logs Capacity:** 80000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, RS485
- **Standard Functions:** Self-Service Query, Automatic Status Switch, Multi-verification method, 9 Digit User ID, Wiegand Out, Door Bell
- **Optional Functions:** ID /MF Card, Wiegand In, Anti-passback
- **Power Supply:** 12V 3A
- **Optional Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%

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SF300 (F02010656)

- **Display:** 2.8 inch resistive touch screen
- **Fingerprint Capacity:** 1500
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 80,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, USB Host, RS485
- **Standard Functions:** Self-Service Query, Automatic Status Switch, Multi-verification method, 9 Digit User ID, Advance access control, Anti-passback, Wiegand in/Out, Door Bell
- **Optional Functions:** ID/MF Card, Scheduled Bell, External Bell
- **Power Supply:** 12V 3A
- **Optional Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%

SF400 (F02010654)

- **Display:** 2.8 inch resistive touch screen
- **Fingerprint Capacity:** 1,500
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 80000
- **Sensor:** ZK Optical Sensor
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, USB Host, RS485
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Optional Functions:** ID /MF Card, Scheduled Bell, External Bell
- **Standard Functions:** Self-Service Query, Automatic Status Switch, Multi-verification method, 9 Digit User ID, Advance access control, Anti-passback, Wiegand in/Out, Door Bell

TF1600 (F02010434)

- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Sensor:** Low Temperature Resistance Optical Sensor
- **Communication:** TCP/IP, RS485
- **Standard Functions:** ID Card, Multi-verification method, 9 Digit User ID, Advance access control, Anti-passback, Wiegand in/Out
- **Power Supply:** 12V 3A
- **Optional Functions:** MF Card
- **Operating Temperature:** -40 °C- 45 °C
- **Ingress Protection Rate:** IP65

X7 (F02010498)

- **Fingerprint Capacity:** 500
- **ID Card Capacity:** 500
- **Standard Functions:** ID card, Simple access control, DoorBell, Multi-verification method
- **Optional Functions:** MF Card
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%

X8s (F02010506)

- **Fingerprint Capacity:** 500
- **ID Card Capacity:** 500
- **Standard Functions:** ID card, Simple access control, DoorBell, Multi-verification method
- **Optional Functions:** MF Card
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%

Standalone Terminal-Finger Vein

FV18 (F02010540)

- **Display:** 2.4-inch TFT LCD Color Screen
- **Fingerprint Capacity:** 1,000
- **Card Capacity(Optional):** 5,000
- **Log Capacity:** 100,000
- **Communication:** TCP/IP, USB-host, WIFI (Optional)
- **Standard Functions:** DST, Record Query, Anti-passback
- **Optional Functions:** Webserver, WorkCode, Printer, Wireless Doorbell
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 50 °C
- **Operating Humidity:** 20%-80%
- **Dimension (L*H*D):** 210.9*80.1*96mm

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Standalone Terminal-Multi-Biometric

MultiBio 800 (F02030006)

- **Display:** 2.8 inch TFT LCD Color Screen
- **Face Capacity:** 400
- **Fingerprint Capacity:** 1,000
- **Card Capacity:** 1,000(Optional) ID or MF Card
- **Transaction Capacity:** 100,000 Transactions
- **Communication:** RS485, TCP/IP, USB-host
- **Algorithm Version:** ZKFinger VX10.0 & ZKFace VX7.0
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** DST, Automatic Status Switch, Anti-passback, Scheduled-Bell, PhotoID
- **Power Supply:** 12V DC, 3A

MultiBio 700 (F02030001)

- **Display:** 3-inch Touch Screen
- **Face Capacity:** 1,500 (1:N)
- **Fingerprint Capacity:** 2000
- **ID Card Capacity (optional):** 10000
- **Log Capacity:** 100000
- **Camera:** High Resolution Infrared Camera
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, RS232/485, USB-host
- **Access Control Interface for:** 3rd party electric lock, door sensor, exit button, alarm, wired doorbell
- **Anti-pass back Function:** Yes
- **Wiegand Signal:** Input & Output
- **Standard Access Control Function:** Time Zone, Group, Multi-identification Duress mode, Anti-passback, Tamper alarm
- **Optional Functions:** ID Card, MF Card
- **Power Supply:** 12V DC
- **Dimension (L*H*D) mm:** 209.4*87.5*91.6
- **Display:** 2.8-Inch TFT Color Screen
- **Face Capacity:** 5,000 (1:N)
- **Fingerprint Capacity:** 5,000
- **Palm Capacity:** 1,000
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 500,000
- **Camera:** High Resolution Infrared Camera
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP / IP, RS232 / 485, USB-host
- **Special Functions:** Fast and Accurate Facial&Palm Identification Algorithm
- **Standard Functions:** Time Zone, Group, Multi-identification Duress mode, Anti-passback, Tamper alarm
- **Optional Functions:** ID Card, Mifare Card
- Power Supply: Time Zone, Group, Multi-identification Duress mode, Anti-passback, Tamper alarm
- **Optional Functions:** ID Card, MF Card
- **Power Supply:** 12V DC
- **Operating Temperature:** 0 - 45 °C
- **Dimension (L*H*D) mm:** 209.4*87.5*91.6

MulitiBio700 Plus (F01070140)

Standalone Terminal-RFID

SC105 (F02020026)

- **Display:** 2.0-inch TFT LCD Color Screen
- **Card Capacity:** 30,000
- **Transaction Capacity:** 80,000
- **Communication:** TCP/IP, RS485, USB-Host
- **Access Control Interface:** 3rd party electric lock, door sensor, exit button, alarm, doorbell
- **Optional Functions:** MF Card, Print Function
- **Standard Functions:** Anti-passback, Wiegand Output & Input, SRB, 1ea for linkage function
- **Operating Temperature:** 0°C ~ 45°C
- **Power Supply:** DC 12V
- **Dimension (L*W*H):** 130*94*52 mm

SC405 (F02020045)

- **Display:** 2.0-inch TFT LCD Color Screen
- **Card Capacity:** 30,000
- **Transaction Capacity:** 80,000
- **Communication:** TCP/IP, RS485, USB-Host
- **Access Control Interface:** 3rd party electric lock, door sensor, exit button, alarm, doorbell
- **Optional Functions:** MF Card, Print Function
- **Standard Functions:** Anti-passback, Wiegand Output & Input, SRB, 1ea for linkage function
- **Operating Temperature:** 0°C ~ 45°C
- **Power Supply:** DC 12V
- **Dimension (L*W*H):** 143*96*42mm

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- **Card Capacity:** 30,000
- **Transaction Capacity:** 50,000
- **Communication:** TCP/IP, RS485, USB-Host
- **Access Control Interface:** 3rd party electric lock, door sensor, exit button, alarm, door bell
- **Optional Functions:** MF Card
- **Standard Functions:** Anti-passback, Wiegand Output & Input, SRB, 1ea for linkage function
- **Operating Temperature:** 0°C ~ 45°C
- **Power Supply:** 12V/3A
- **Dimension (L*W*H):** 153*95.5*35.5 mm

SCR100 (F02020056)

Reader-Fingerprint

- **Sensor:** ZK Infrared Optical Sensor
- **Communication:** RS485
- **Built-in Card Reader:** 125 kHz EM card reader
- **Optional Function:** MF Card reader
- **Power Supply:** DC 12V
- **Operating Temperature:** 0°C ~ 45°C
- **Operating Humidity:** 20% ~ 80%
- **Dimension (L*W*H):** 88*88m*3.6 mm

FR1300 (F08010010)

- **Sensor:** SilkID Fingerprint Sensor
- **Algorithm:** ZKFinger v10.0
- **Standard Function:** ID Card
- **Optional Function:** MF Card, HID Prox Card, HID Iclass Card
- **Communication:** RS485
- **CPU:** 1.0 GHz CPU
- **Hardware:** Buzzer Prompt, Three-color Indicator Light
- **Compatibility:** inBio/inBioPro Controllers, Standalone Fingerprint Devices
- **Working Voltage:** 12VDC
- **Working Temperature:** -10 °C ~ 45 °C
- **Dimension (L*W*H):** 121.3*77.3*38 mm

FR1500 (F08010012)

- **Sensor:** ZK small-sized sensor
- **Standard Function:** ID Card Module
- **Optional Function:** MF Card Module
- **Communication:** RS485
- **CPU:** 1G Hz
- **Voice Prompt:** Buzzer
- **Protection Grade:** IP65
- **Working Voltage:** 12V DC
- **Working Temperature:** 0°C ~ 45°C
- **Dimension (L*W*H):** 102*50*37 mm

FR1200 (F08010005)

Control Panel-Elevator Control

- **Floor Button Control Relay:** 10
- **Fingerprint Capacity:** 3,000
- **RFID Card Capacity:** 30,000
- **Event Capacity:** 100,000
- **Communication to PC:** TCP/IP, RS485
- **Communication to EX16:** RS485
- **Number of supported EX16:** 3
- **Power Supply:** 12V DC 1A
- **Dimension (L*D*H):** 242*95*60 mm
- **Net weight:** 0.8Kg

EC10 (F02060038)

- **Floor Button Control Relay:** 16
- **Communication to EC10:** RS485
- **RS485 address:** Set by DIP switch
- **Power Supply:** 12V DC 1A
- **Dimension (L*D*H):** 160*106 mm
- **Net weight:** 0.2Kg

EX16 (F02060043)

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QR Reader

QR500-B
(X02101166)

QR500-W
(X02101167)

13.56 MHz RFID and QR Code Reader

Features:

- **Communication:** Wiegand 26/34/66, RS485 and USB
- **QR Code Type:** Data Matrix, PDF417, GS1 Databar, Code 128/EAN128, UPC/EAN, Codabar, Code 39/Code 93 etc
- **RFID Card:** S50,S70,DESFire, Ntag
- **Reading Distance:** ≥4cm based on IC card ≥5cm based on QR code
- **USB Cable Length:** 1000±10mm
- **Operating Valtage:** DC 12V, USB 5V
- **Operating Current:** ≤400mA
- **Operating Temperature:** -10℃~50℃
- **Dimension:** 86*86*50mm

Wireless Reader

WRF100 MF
(X02101058)

433MHz Rolling Code Technology, with 433 Acceptor Module

- **Card Type:** 13.56MHz Mifare Card
- **Wiegand:** W26 / W34
- **Communication Distance:** 30m Maximum; Ultra low power consumption
- **Waterproof:** IP65
- **Operating Temperature:** -20℃~+60℃
- **Dimensions:** 120*50*20mm

Metal Reader

MR100
(ID: X02101012 / IC: X02101071)

Metal Case, Antil-vandal

- **Waterproof:** IP66
- **Card Type:** 125K EM /13.56MHz IC Card ; Wiegand 26~37 bits output(default: 26bits) External LEDD &BuZZer Control
- **Reading Range:** 3~8cm
- **Operating Voltage:** 9~18V
- **Operating Temperature:** -40℃~+60℃
- **Dimensions:** 103*48*19mm

MR101
(ID: X02102040 / IC: X02101059)

Metal Case, Antil-vandal

- **Waterproof:** IP66
- **Card Type:** 125KHz EM /13.56MHz IC Card; Wiegand 26~37 bits output(default:26bits); External LEDD &BuZZer Control
- **Reading Range:** 3~8cm
- **Operating Voltage:** 9~18V
- **Operating Temperature:** -40℃~+60℃
- **Dimension:** 103*48*19mm

Metal Standalone Device

MK-V
(ID: X0211204 / IC: X02112005)

Metal Case, Antil-vandal

- **Waterproof:** IP66
- One Relay, 1,000 users; 4~6 digits PIN
- **RFID:** 125k EM /13.56MHz IC Card; Backlit Keypad
- **Operating Voltage:** 9~18V
- **Operating Temperature:** -40℃~+60℃
- **Dimension:** 130*55*23mm

MK-H
(ID: X02112002 / IC: X02112003)

Metal case, Antil-vandal

- **Waterproof:** IP66
- One Relay, 1,000 users; 4~6 digits PIN
- **RFID:** 125k EM /13.56MHz IC Card; Backlit Keypad
- **Operating Voltage:** 9~18V
- **Operating Temperature:** -40℃~+60℃
- **Dimension:** 120*76*25mm

Standalone Device

SA32
(EM: X03401053 / MF: X03401057)

RFID And Password Identification

- **Waterproof:** IP66
- **User Capacity:** 1,000
- Access Control Interface for electric lock, exit button and door bell

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SA33
(EM: X03401054 / MF: X03401055)

RFID And Password Identification
- Touch keypad
- **User Capacity:** 1,000
- Access Control Interface for electric lock, door sensor, alarm, exit button. Wiegand input & output

Reader -Wiegand RFID Reader

KR100E / M
(X02108044 / X02108013)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 116*75*17.3mm

KR101E / M
(X02108045 / X02101042)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 77.5*42.8*16.5mm

KR102E / M
(X02102031 / X02108251)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 86*86*16.3mm

KR200E / M
(X02108230 / X02101039)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 86*86*16.8mm

KR201E / M
(X02108046 / X02101043)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 84.5*44*16.8mm

KR202E / M
(X02102041 / X02102042)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 86*86*22.4mm

KR310
(X02101041)

- ID, Mifare Classic (4B UID / 7B UID), Desfire(4B UID)
- Wiegand 26 / 34 bit (EM/MF)
- **Cable Length:** 1500±50mm
- **Operating Temperature:** -10°C to ~ +70°C
- **Protection:** IP65
- **Dimension:** 77.5 x 42.8 x 16.5mm

KR500E / M
(X02108026 / X02108004)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26 / 34 bit
- **Dimension:** 44*78*16mm

KR502E / M
(X02108010)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26 / 34 bit
- **Dimension:** 86*86*22.4mm

KR503E
(X02108259)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 75*116*16mm

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KR600E / M
(X02108260 / X02108262)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 75*116*16mm

KR601E
(X02108049)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 86*86*16mm

KR602E / M
(X02102036 / X02101069)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 86*86*20mm

KR702E / M
(X02108252 / X02108253)

- Read 125KHz Proximity ID /13.56MHz Mifare card number
- Wiegand output 26/34 bit
- **Dimension:** 113x75x16mm

Reader -RS485 Card Reader

KR503E / M-RS
(X02113058 / X02113059)

- Read 125KHz Proximity ID/13.56MHz IC card number
- Communication: RS485
- **Dimension:** 75*116*16mm

Reader -Card Issuer

CR10E / M
(X00603005 / X00603007)

- Read 125K proximity / 13.56MHz MiFare card number, USB interface

CR10MW
(X00603006)

- Read & Write 13.56MHz MiFare Card, USB interface

CR20E / M
(X00603016 / X00603017)

- Read 125K proximity /13.56MHz MiFare card number, USB interface

CR20MW
(X00603018)

- Read & Write 13.56MHz MiFare Card, USB interface

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Entrance Control

Entrance control is all about management of people. General management methods include access control system, parking management system and visitor management system using intelligent turnstiles. In different environments, different types of entrance control devices are required. For example, the tripod turnstiles and full height turnstiles are installed in public venues, and the flap barrier turnstiles are often installed in the private enterprises. ZKTeco commits to integrating biometrics into entrance control to provide more intelligent management solutions.

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↘ Swing Barriers

SBTL8000 / SBTL8011 / SBTL8022

F05030226 / F05030228 / F05030230

Model	SBTL8000	SBTL8011	SBTL8022
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28℃~ 60℃		
Working Humidity	20%-95% (Non-condensing)		
Working Environment	Indoor		
Lane Width (mm)	660		
Footprint (mm*mm)	1600*1040		
Dimension (mm)	1600*1040*1200 (L*W*H)		
Dimension with Packing (mm)	1700*300*1130 (L*W*H)		
Net Weight (kg)	130		
Weight with Packing (kg)	150		
LED Indicator	Y		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	10 million		

SBTL8200 / SBTL8211 / SBTL8222

F05030227 / F05030229 / F05030231

Model	SBTL8200	SBTL8211	SBTL8222
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28℃~ 60℃		
Working Humidity	20%-95% (Non-condensing)		
Working Environment	Indoor		
Lane Width (mm)	660		
Footprint (mm*mm)	1600*870		
Dimension (mm)	1600*870*1200 (L*W*H)		
Dimension with Packing (mm)	1700*300*1130 (L*W*H)		
Net Weight (kg)	86		
Weight with Packing (kg)	100		
LED Indicator	Y		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	10 million		

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SBTL8000 / SBTL8011/ SBTL8022 (Low Barrier Panels)

F05030226 / F05030228 / F05030230

Model	SBTL8000	SBTL8011	SBTL8022
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28℃~ 60℃		
Working Humidity	20%-95% (Non-condensing)		
Working Environment	Indoor		
Lane Width (mm)	660		
Footprint (mm*mm)	1600*1040		
Dimension (mm)	1600*1040*1000 (L*W*H)		
Dimension with Packing (mm)	1700*300*1130 (L*W*H)		
Net Weight (kg)	130		
Weight with Packing (kg)	150		
LED Indicator	Y		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	10 million		

SBTL8000 / SBTL8011 / SBTL8022 (Wide Barrier Panels)

F05030226 / F05030228 / F05030230

Model	SBTL8000	SBTL8011	SBTL8022
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28℃~ 60℃		
Working Humidity	20%-95% (Non-condensing)		
Working Environment	Indoor		
Lane Width (mm)	920		
Footprint (mm*mm)	1600*1300		
Dimension (mm)	1600,*1300*1000 (L*W*H)		
Dimension with Packing (mm)	1700*300*1130 (L*W*H)		
Net Weight (kg)	130		
Weight with Packing (kg)	150		
LED Indicator	Y		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	10 million		

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SBTL5000/SBTL5011/SBTL5022

F05030180 / F05030181 / F05030182

Model	SBTL5000	SBTL5011	SBTL5022
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28℃~60℃		
Working Humidity	20%~95%		
Working Environment	Indoor		
Lane Width (mm)	650		
Footprint (mm*mm)	1400*1010		
Dimension (mm)	1400*180*1000 (L*W*H)		
Dimension with Packing (mm)	1500*260*1100 (L*W*H)		
Net Weight (kg)	120		
Weight with Packing (kg)	150		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	Tempered Glass		
Barrier Material	Tempered Glass		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		

SBTL5200/SBTL5211/SBTL5222

F05030183/F05030184/F05030185

Model	SBTL5200	SBTL5211	SBTL5222
Power Requirements	AC 100~120V, 50/60Hz		
Working Temperature	-28℃~60℃		
Working Humidity	20%~95%		
Working Environment	Indoor		
Lane Width (mm)	650		
Footprint (mm*mm)	1400*1010		
Dimension (mm)	1400*180*1000 (L*W*H)		
Dimension with Packing (mm)	1500*260*1100 (L*W*H)		
Net Weight (kg)	120		
Weight with Packing (kg)	150		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	Tempered Glass		
Barrier Material	Tempered Glass		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		

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↘ Flap Barriers

FBL5000/FBL5011 Pro

F05020246 / F05020248

FBL5022 Pro

F05020250

Model	FBL5000 Pro	FBL5011 Pro	FBL5022 Pro
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28℃~60℃		
Working Humidity	5%~85%		
Working Environment	Indoor/Outdoor		
Lane Width(mm)	600		
Footprint(mm*mm)	1200*1200		
Dimension(mm)	1200*300*1010 (L*W*H)		
Dimension with Packing(mm)	1400*840*1010 (L*W*H)		
Net Weight(kg)	126		
Weight with Packing(kg)	90		
LED Indicator	Y		
Lid Material	Tempered Glass		
Barrier Material	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		

FBL5200/FBL5211 Pro

F05020247 / F05020249

FBL5222 Pro

F05020251

Model	FBL5200 Pro	FBL5211 Pro	FBL5222 Pro
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28℃~60℃		
Working Humidity	5%~80%		
Working Environment	Indoor/Outdoor		
Lane Width(mm)	600		
Footprint(mm*mm)	1200*840		
Dimension(mm)	1200*300*1010 (L*W*H)		
Dimension with Packing(mm)	1400*400*1010 (L*W*H)		
Net Weight(kg)	81		
Weight with Packing(kg)	116		
LED Indicator	Y		
Lid Material	Tempered Glass		
Barrier Material	Acrylic		
Barrier Movement	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		

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↘ Tripod Turnstiles

TS5000A/TS5011A/TS5022A

F05010146/F05010147/F05010148

Model	TS5000A	TS5011A	TS5022A
Power Requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28℃~60℃		
Working Humidity	5%~85%		
Working Environment	Indoor/Outdoor (if sheltered)		
Lane Width(mm)	500		
Footprint(mm*mm)	1200*750		
Dimension(mm)	1200*300*1010 (L*W*H)		
Dimension with Packing(mm)	1310*420*1100 (L*W*H)		
Net Weight (kg)	60		
Weight with Packing (kg)	90		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	Tempered Glass		
Barrier Material	SUS304 Stainless Steel		
Barrier Movement	Rotating		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		
Options/Accessories	Counter, Card Receiver Box, SUS316 Cabinet and Lid, Remote Control		

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↘ Tripod Turnstiles

TS1000 Pro (F05010156)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 520*310*1010(L*W*H)
- **Package Dimension:** 570*365*1080
- **Net Weight:** 34KG
- **Gross Weight with Package:** 40KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

TS1011Pro (F05010157)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 520*310*1010(L*W*H)
- **Package Dimension:** 570*365*1080
- **Net Weight:** 34KG
- **Gross Weight with Package:** 40KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

TS1022 Pro (F05010158)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Control System:** Input controlled by dry contact
- **Pictogram Indication:** Yes
- **Emergency Button Input:** Yes
- **Dimension:** 520*310*1010(L*W*H)
- **Package Dimension:** 570*365*1080
- **Net Weight:** 34KG
- **Gross Weight with Package:** 40KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

TS1200 (F05010033)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 60*98*33(CM) + arm length 50CM
- **Package Dimension:** 73*108*45(CM)
- **Net Weight:** 55KG
- **Gross Weight with Package:** 63KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

TS1211 (F05010037)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 60*98*33(CM) + arm length 50CM
- **Package Dimension:** 73*108*45(CM)
- **Net Weight:** 55KG
- **Gross Weight with Package:** 63KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

TS1222 (F05010041)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Control System:** Input controlled by dry contact
- **Pictogram Indication:** Yes
- **Emergency Button Input:** Yes
- **Dimension:** 60*98*33(CM) + arm length 50CM
  Package Dimension: 73*108*45(CM)
- **Net Weight:** 55KG
- **Gross Weight with Package:** 63KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

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TS2000 Pro (F05010159)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*26(CM) + arm length 50CM
- **Package Dimension:** 120*108*38(CM)
- **Net Weight:** 46KG
- **Gross Weight with Package:** 54KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

TS2011Pro (F05010160)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*26(CM) + arm length 50CM
- **Package Dimension:** 120*108*38(CM)
- **Net Weight:** 46KG
- **Gross Weight with Package:** 54KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

TS2022 Pro (F05010161)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 30 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*26(CM) + arm length 50CM
- **Package Dimension:** 120×108×38(CM)
- **Net Weight:** 46KG
- **Gross Weight with Package:** 54KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

TS2100 (F05010074)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 45KG
- **Gross Weight with Package:** 53KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

TS2111 (F05010079)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 45KG
- **Gross Weight with Package:** 53KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

TS2122 (F05010084)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 45KG
- **Gross Weight with Package:** 53KG
- **Options/Accessories:** Alternative material or shape, third-party access control integration, ticket system integration, passage counter

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TS2200 (F05010091)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 65KG
- **Gross Weight with Package:** 75KG

TS2211 (F05010094)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 65KG
- **Gross Weight with Package:** 75KG

TS2222 (F05010097)

- **Power Requirements:** AC 220V/110V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Flow Rate:** 25- 48 passage/minute
- **Casework Material:** SUS304
- **Pictogram Indication:** Yes
- **Control System:** Input controlled by dry contact
- **Emergency Button Input:** Yes
- **Dimension:** 111*98*18(CM) + arm length 50CM
- **Package Dimension:** 120*108*28(CM)
- **Net Weight:** 65KG
- **Gross Weight with Package:** 75KG

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↘ Swing Barriers

SBT1000S (F05030006)

- **Power Requirements:** AC110V/220v,50/60HZ
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Lane Width(mm):** 800
- **Footprint(mm*mm):** 985*200
- **Dimension(mm):** 985*200*1100(L*W*H)
- **Dimension with Packing(mm):** 280*280*1160(L*W*H)
- **Net Weight(kg):** 31
- **Weight with Packing(kg):** 38
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Tempered glass (stainless speed bar optional)
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBT1011S (F05030011)

- **Power Requirements:** AC110V/220v,50/60HZ
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Lane Width(mm):** 800
- **Footprint(mm*mm):** 985*200
- **Dimension(mm):** 985*200*1100(L*W*H)
- **Dimension with Packing(mm):** 280*280*1160(L*W*H)
- **Net Weight(kg):** 31
- **Weight with Packing(kg):** 38
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Tempered glass (stainless speed bar optional)
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBT1022S (F05030016)

- **Power Requirements:** AC110V/220v,50/60HZ
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/ Outdoor (if sheltered)
- **Lane Width(mm):** 800
- **Footprint(mm*mm):** 985*200
- **Dimension(mm):** 985*200*1100(L*W*H)
- **Dimension with Packing(mm):** 280*280*1160(L*W*H)
- **Net Weight(kg):** 31
- **Weight with Packing(kg):** 38
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Tempered glass
- (stainless speed bar optional)
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBTL2000 (F05030084)

- **Power Requirements:** AC110V/220v,50/60HZ
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/ Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):1610*1200**
- **Dimension(mm):** 1200*280*1000(L*W*H)
- **Dimension with Packing(mm):** 1310*800*1100(L*W*H)
- **Net Weight(kg):** 118
- **Weight with Packing(kg):** 160
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBTL2011 (F05030088)

- **Power Requirements:** AC110V/220v,50/60HZ
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/ Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):1610*1200**
- **Dimension(mm):** 1200*280*1000(L*W*H)
- **Dimension with Packing(mm):** 1310*800*1100(L*W*H)
- **Net Weight(kg):** 118
- **Weight with Packing(kg):** 160
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBTL2022 (F05030092)

- **Power Requirements:** AC110V/220v,50/60HZ
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/ Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):1610*1200**
- **Dimension(mm):** 1200*280*1000(L*W*H)
- **Dimension with Packing(mm):** 1310*800*1100(L*W*H)
- **Net Weight(kg):** 118
- **Weight with Packing(kg):** 160
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

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SBTL2200 (F05030096)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):** 1270*1200
- **Dimension(mm):** 1200*280*1000 (L*W*H)
- **Dimension with Packing(mm):** 1310*420*1100 (L*W*H)
- **Net Weight(kg):** 68
- **Weight with Packing(kg):** 96
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBTL2211 (F05030098)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):** 1270*1200
- **Dimension(mm):** 1200*280*1000 (L*W*H)
- **Dimension with Packing(mm):** 1310*420*1100 (L*W*H)
- **Net Weight(kg):** 68
- **Weight with Packing(kg):** 96
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBTL2222 (F05030100)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):** 1270*1200
- **Dimension(mm):** 1200*280*1000 (L*W*H)
- **Dimension with Packing(mm):** 1310*420*1100 (L*W*H)
- **Net Weight(kg):** 68
- **Weight with Packing(kg):** 96
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBTL3000 (F05030102)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):** 1570*1500
- **Dimension(mm):** 1500*260*1000 (L*W*H)
- **Dimension with Packing(mm):** 1640*760*1100 (L*W*H)
- **Net Weight(kg):** 114
- **Weight with Packing(kg):** 161
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBTL3011 (F05030106)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):** 1570*1500
- **Dimension(mm):** 1500*260*1000 (L*W*H)
- **Dimension with Packing(mm):** 1640*760*1100 (L*W*H)
- **Net Weight(kg):** 114
- **Weight with Packing(kg):** 161
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBTL3022 (F05030110)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):** 1570*1500
- **Dimension(mm):** 1500*260*1000 (L*W*H)
- **Dimension with Packing(mm):** 1640*760*1100 (L*W*H)
- **Net Weight(kg):** 114
- **Weight with Packing(kg):** 161
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

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SBTL3200 (F05030114)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):** 1250*1500
- **Dimension(mm):** 1500*260*1000 (L*W*H)
- **Dimension with Packing(mm):** 1640*400*1100 (L*W*H)
- **Net Weight(kg):** 66
- **Weight with Packing(kg):** 98
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBTL3211 (F05030116)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):** 1250*1500
- **Dimension(mm):** 1500*260*1000 (L*W*H)
- **Dimension with Packing(mm):** 1640*400*1100 (L*W*H)
- **Net Weight(kg):** 66
- **Weight with Packing(kg):** 98
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

SBTL3222 (F05030118)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 1050
- **Footprint(mm*mm):** 1250*1500
- **Dimension(mm):** 1500*260*1000 (L*W*H)
- **Dimension with Packing(mm):** 1640*400*1100 (L*W*H)
- **Net Weight(kg):** 66
- **Weight with Packing(kg):** 98
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Swing
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

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↘ Flap Barrier Turnstiles

FBL1000 Pro (F05020228)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*870
- **Dimensions(mm):** 870*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1000*840*1090(L*W*H)
- **Net Weight(kg):** 97
- **Weight with Packing(kg):** 153
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL1011 Pro (F05020230)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*870
- **Dimensions(mm):** 870*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1000*840*1090(L*W*H)
- **Net Weight(kg):** 97
- **Weight with Packing(kg):** 153
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL1022 Pro (F05020232)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*870
- **Dimensions(mm):** 870*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1000*840*1090(L*W*H)
- **Net Weight(kg):** 97
- **Weight with Packing(kg):** 153
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** SUS304 Stainless Steel
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL1200 Pro (F05020229)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*870
- **Dimensions(mm):** 870*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1000*430*1100(L*W*H)
- **Net Weight(kg):** 58
- **Weight with Packing(kg):** 81
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL1211 Pro (F05020231)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*870
- **Dimensions(mm):** 870*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1000*430*1100(L*W*H)
- **Net Weight(kg):** 58
- **Weight with Packing(kg):** 81
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL1222 Pro (F05020233)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*870
- **Dimensions(mm):** 870*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1000*430*1100(L*W*H)
- **Net Weight(kg):** 58
- **Weight with Packing(kg):** 81
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

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FBL2000 Pro (F05020234)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*1150
- **Dimensions(mm):** 1150*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1480*420*1100(L*W*H)
- **Net Weight(kg):** 119
- **Weight with Packing(kg):** 157
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL2011 Pro (F05020236)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*1150
- **Dimensions(mm):** 1150*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1480*420*1100(L*W*H)
- **Net Weight(kg):** 119
- **Weight with Packing(kg):** 157
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL2022 Pro (F05020238)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1200*1150
- **Dimensions(mm):** 1150*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1480*420*1100(L*W*H)
- **Net Weight(kg):** 119
- **Weight with Packing(kg):** 157
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL2200 Pro (F05020235)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*1150
- **Dimensions(mm):** 1150*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1480*410*1100(L*W*H)
- **Net Weight(kg):** 69
- **Weight with Packing(kg):** 98
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL2211 Pro (F05020237)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*1150
- **Dimensions(mm):** 1150*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1480*410*1100(L*W*H)
- **Net Weight(kg):** 69
- **Weight with Packing(kg):** 98
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL2222 Pro (F05020239)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~85%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 840*1150
- **Dimensions(mm):** 1150*300*1000(L*W*H)
- **Dimension with Packing(mm):** 1480*410*1100(L*W*H)
- **Net Weight(kg):** 69
- **Weight with Packing(kg):** 98
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode**: Y
- **Security Level:** Medium
- **MCBF:** 2 million

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FBL4000 Pro (F05020240)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1350*1200
- **Dimension(mm):** 1350*300*1010 (L*W*H)
- **Dimension with Packing(mm):** 1500*840*1010 (L*W*H)
- **Net Weight(kg):** 142
- **Weight with Packing(kg):** 211
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL4011 Pro (F05020242)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1350*1200
- **Dimension(mm):** 1350*300*1010 (L*W*H)
- **Dimension with Packing(mm):** 1500*840*1010 (L*W*H)
- **Net Weight(kg):** 142
- **Weight with Packing(kg):** 211
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL4022 Pro (F05020244)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1350*1200
- **Dimension(mm):** 1350*300*1010 (L*W*H)
- **Dimension with Packing(mm):** 1500*840*1010 (L*W*H)
- **Net Weight(kg):** 142
- **Weight with Packing(kg):** 211
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL4200 Pro (F05020241)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1350*840
- **Dimension(mm):** 1350*300*1010 (L*W*H)
- **Dimension with Packing(mm):** 1500*400*1010 (L*W*H)
- **Net Weight(kg):** 84
- **Weight with Packing(kg):** 119
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL4211 Pro (F05020243)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1350*840
- **Dimension(mm):** 1350*300*1010 (L*W*H)
- **Dimension with Packing(mm):** 1500*400*1010 (L*W*H)
- **Net Weight(kg):** 84
- **Weight with Packing(kg):** 119
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

FBL4222 Pro (F05020245)

- **Power Requirements:** AC 100~120V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/Outdoor
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 1350*840
- **Dimension(mm):** 1350*300*1010 (L*W*H)
- **Dimension with Packing(mm):** 1500*400*1010 (L*W*H)
- **Net Weight(kg):** 84
- **Weight with Packing(kg):** 119
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Barrier Material:** Acrylic
- **Barrier Movement:** Retracting
- **Emergency Mode:** Y
- **Security Level:** Medium
- **MCBF:** 2 million

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↘ Optical Barriers

OP1000 (F05020134)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*960
- **Dimensions(mm):** 500*180*1000(L*W*H)
- **Dimension with Packing(mm):** 600*220*1100(L*W*H)
- **Net Weight(kg):** 38
- **Weight with Packing(kg):** 48
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million

OP1011 (F05020136)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*960
- **Dimensions(mm):** 500*180*1000(L*W*H)
- **Dimension with Packing(mm):** 600*220*1100(L*W*H)
- **Net Weight(kg):** 38
- **Weight with Packing(kg):** 48
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million

OP1022 (F05020138)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*960
- **Dimensions(mm):** 500*180*1000(L*W*H)
- **Dimension with Packing(mm):** 600*220*1100(L*W*H)
- **Net Weight(kg):** 38
- **Weight with Packing(kg):** 48
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million

OP1200 (F05020140)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*180
- **Dimensions(mm):** 500*180*1000(L*W*H)
- **Dimension with Packing(mm):** 600*220*1100(L*W*H)
- **Net Weight(kg):** 20
- **Weight with Packing(kg):** 25
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million

OP1211 (F05020142)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*180
- **Dimensions(mm):** 500*180*1000(L*W*H)
- **Dimension with Packing(mm):** 600*220*1100(L*W*H)
- **Net Weight(kg):** 20
- **Weight with Packing(kg):** 25
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million

OP1222 (F05020144)

- **Power Requirements:** AC 100~120V/200~240V, 50/60Hz
- **Working Temperature:** -28℃~60℃
- **Working Humidity:** 5%~80%
- **Working Environment:** Indoor/outdoor (if sheltered)
- **Lane Width(mm):** 600
- **Footprint(mm*mm):** 500*180
- **Dimensions(mm):** 500*180*1000(L*W*H)
- **Dimension with Packing(mm):** 600*220*1100(L*W*H)
- **Net Weight(kg):** 20
- **Weight with Packing(kg):** 25
- **LED Indicator:** Y
- **Cabinet Material:** SUS304 Stainless Steel
- **Lid Material:** SUS304 Stainless Steel
- **Security level:** Medium
- **MCBF:** 2 million

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↘ Full Height Turnstiles

FHT 2300 (F05040008)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1395
Dimensions(mm)	L=1400, W=1395, H=2220
Dimension with Packing(mm)	1975x 1085x 935; 2100x 1435x 735
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

FHT 2311 (F05040010)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1395
Dimensions(mm)	L=1400, W=1395, H=2220
Dimension with Packing(mm)	1975x 1085x 935; 2100x 1435x 735
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

FHT 2322 (F05040012)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1395
Dimensions(mm)	L=1400, W=1395, H=2220
Dimension with Packing(mm)	1975x 1085x 935; 2100x 1435x 735
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

FHT 2400 (F05040014)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1320
Dimensions(mm)	L=1400, W=1320, H=2220
Dimension with Packing(mm)	1975x 925x 895; 2100x 1435x 470
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

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FHT 2411 (F05040016)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1320
Dimensions(mm)	L=1400, W=1320, H=2220
Dimension with Packing(mm)	1975x 925x 895; 2100x 1435x 470
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

FHT 2300D (F05040025)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1397
Dimensions(mm)	L=2180, W=1397, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x 1510x 2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

FHT 2422 (F05040018)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	1400*1320
Dimensions(mm)	L=1400, W=1320, H=2220
Dimension with Packing(mm)	1975x 925x 895; 2100x1435x 470
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

FHT 2311D (F05040026)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1397
Dimensions(mm)	L=2180, W=1397, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x1510x2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

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FHT 2322D (F05040027)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1397
Dimensions(mm)	L=2180, W=1397, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x 1510x 2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

FHT 2400D (F05040028)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1324
Dimensions(mm)	L=2180, W=1324, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x 1510x 2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

FHT 2411D (F05040029)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1324
Dimensions(mm)	L=2180, W=1324, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x 1510x 2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

FHT 2422D (F05040030)

Power Requirements	AC110V/220V, 50/60Hz
Working Temperature	-28 °C~60 °C
Working Humidity	0%~95%
Working Environment	Indoor/Outdoor
Lane Width(mm)	580
Footprint(mm*mm)	2018 * 1324
Dimensions(mm)	L=2180, W=1324, H=2220
Dimension with Packing(mm)	2120x 600x 460; 1670x 1510x 2170
LED Indicator	Y
Cabinet Material	SUS304 Stainless Steel
Barrier Material	SUS304 Stainless Steel
Barrier Movement	Rotating
Emergency Mode	Y
Security Level	High
MCBF	2 million
Ingress Protection	IP54

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License Plate Recognition Products

Mini-LPR

- **Recognition Accuracy:** Day≥99.9%; Night≥99.7%
- **Recognition Time:** ≤200ms (average time)
- **Recognition Distance:** 2-10meters (recommend Distance is 3.5-4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm -11.1mm, Auto focus
- **Communication:** TCP/IP (10/100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in&out
- **Working Modes:** Video trigger

LPRS1000

- **Recognition Accuracy:** Day≥99.9%; Night≥99.7%
- **Recognition Time:** ≤200ms (average time)
- **Recognition Distance:** 2-10meters (recommend Distance is 3.5-4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm -11.1mm, Auto focus
- **Communication:** TCP/IP (10/100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in&out
- **Working Modes:** Video trigger

LPRS4000

- **Recognition Accuracy:** Day≥99.9%; Night≥99.7%
- **Recognition Time:** ≤200ms (average time)
- **Recognition Distance:** 2-10meters (recommend Distance is 3.5-4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm -11.1mm, Auto focus
- **Communication:** TCP/IP (10/100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in&out
- **Working Modes:** Video trigger

LPRS2000

- **Recognition Accuracy:** Day≥99.9%; Night≥99.7%
- **Recognition Time:** ≤200ms (average time)
- **Recognition Distance:** 2-10meters (recommend Distance is 3.5-4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm -11.1mm, Auto focus
- **Communication:** TCP/IP (10/100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in&out
- **Working Modes:** Video trigger

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↘ Barrier Gates

PB4000L/R

- **Lane Width:** 4m (PB4030L/R); 6m (PB4060L/R)
- **Opening / Closing Time:** 3s (PB4030L/R); 6s (PB4060L/R)
- **Supply Voltage:** 110V AC or 220V AC
- **Power Consumption Nax.:** 120W
- **Frequency:** 50-60Hz
- **Cabinet Material:** powder coated steel
- **Boom Material:** aluminum alloy
- **Temperature Range:** -20°C~+60°C
- **Humidity Range:** ≤90%
- **Housing Dimensions (W *D*H):** 328*286*934 (mm)
- **Packing Dimensions (W*D*H):** 460*420*1150 (mm)
- **Net Weight (without boom):** 60kg
- **Gross Weight (without boom):** 70kg

ProBG2000L/R

- **Boom Length:** 3m/4.5m/6m
- **Opening/Closing Time:** 0.9s(3m boom); 2.5s(4.5m boom); 3s(6m boom)
- **Driving Method:** Servo motor
- **Remote Control Distance:** ≤100m (open, sunny weather)
- **Output:** alarm signal, up/down limit, traffic light, OK signal (It will be output after machine self-inspection, means the barrier gate working state is OK)
- **Power Supply:** 24V DC, 100~240V AC
- **Frequency:** 50~60Hz
- **Power Consumption:** 100W
- **Operating Temperature Range:** -40°C~+75°C
- **Humidity Range:** ≤90%
- **Protection Level:** IP 54
- **Machine Case:** powder coated steel
- **Net Weight:** 46kg
- **Machine Case Size:** 330*330*1000 (mm)

ProBG3000L/R

- **Boom Length:** 3m/4.5m/6m
- **Opening/Closing Time:** 0.9s(3m boom); 2.5s(4.5m boom); 3s(6m boom)
- **Driving Method:** Servo motor
- **Remote Control Distance:** ≤100m (open, sunny weather)
- **Output:** alarm signal, up/down limit, traffic light, OK signal (It will be output after machine self-inspection, means the barrier gate working state is OK)
- **Power Supply:** 24V DC, 100~240V AC
- **Frequency:** 50~60Hz
- **Power Consumption:** 100W
- **Operating Temperature Range:** -40°C~+75°C
- **Humidity Range:** ≤90%
- **Protection Level:** IP 54
- **Machine Case:** powder coated steel
- **Net Weight:** 48kg
- **Machine Case Size:** 360*330*1000 (mm)

↘ Long Distance RFID Products

UHF1-5E / UHF1-5F

- **Reading Distance:** 0-6m (Recommend Distance: 0-3m)
- **Working Frequency:**
  865MHz – 868MHz (UHF1-5E)
  902MHz – 928MHz (UHF1-5F)
- **Hardware Interface:** Wiegand26 (Default), Wiegand34, USB
- **Working Mode:** Always read (Default), Trigger read
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **Output Power:** 18dBm-26dBm
- **Antenna Gain:** 8dBI
- **Shell Material:** Antenna panel: ABS engineering plastics; Back cover: aluminum shell
- **Maximum Power Consumption:** <2W
- **Working Voltage:** DC 9V -12V
- **Working Current:** 150mA (Always read)
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 250*250*70 mm (±5mm)

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UHF1-10E / UHF1-10F

- **Reading Distance:** 0-12m (Recommend Distance: 0-6m)
- **Working Frequency:**
  865MHz – 868MHz (UHF1-10E)
  902MHz – 928MHz (UHF1-10F)
- **Hardware Interface:** Wiegand26 (Default), Wiegand34, USB
- **Working Mode:** Always read (Default), Trigger read
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **Output Power:** 18dBm-26dBm
- **Antenna Gain:** 12dBI
- **Shell Material:** Antenna panel: ABS engineering plastics;
  Back cover: aluminum shell
- **Maximum Power Consumption:** <2W
- **Working Voltage:** DC 9V -12V
- **Working Current:** 150mA (Always read)
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 445*445*70mm (±5mm)

UHF 6E Pro / UHF 6F Pro

- **Reading Distance:** 0-18m (Recommend Distance: 0-9m)
- **Working Frequency:**
  865MHz – 868MHz (UHF6E Pro)
  902MHz – 928MHz (UHF6F Pro)
- **Hardware Interface:** Wiegand26 (Default), Wiegand34, USB
- **Working Mode:** Always read (Default), Trigger read
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C/ISO 18000-6B
- **Output Power:** 10dBm-33dBm
- **Antenna Gain:** 9dBI
- **Shell Material:** Antenna panel: ABS engineering plastics;
  Back cover: aluminum shell
- **Maximum Power Consumption:** <2W
- **Working Voltage:** DC 9V -12V
- **Working Current:** 150mA (Always read)
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 310*310*90 mm (±5mm)

BT100

- **Reading Distance:**
  3-15m (adjustable)
- **Reading Tag Type:** EM, MF Card,
  DISFARE, ISO15693, TYPEA B C
- **Shell Material:** ABS Plastics
  Working Current: 1.8A +/-10%
- **Communication Interface:**
  Wiegand 26 (Default), RS232, RS485
- **Working Frequency:** 433MHz
- **Working Temperature:** -30 °C ~ 75 °C
- **Working Voltage:** DC9V ~ 15V
- **Dimension:** 234*45*1707 mm (±5mm)

U1000E / U1000F

- **Reading Distance:** 0-6m (Recommend Distance: 0-3m)
- **Card Capacity:** 5,000
- **Log Capacity:** 30,000
- **Working Frequency:**
  865MHz – 868MHz (U2000E)
  902MHz – 928MHz (U2000F)
- **Hardware Interface:** Two relay, door sensor, exit button, alarm
- **Working Mode:** Always read (Default), Trigger read
- **Working Voltage:** DC 9V -12V
- **Shell Material:** Antenna panel: ABS engineering plastics;
  Back cover: aluminum shell
- **Support Software:** ZKAccess3.5, ZKBioSecurity3.0
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 250*250*70mm (±5mm)
- **UHF Interface Protocol:** EPC global UHF Class / Gen 2 / ISO / 8000-6c
- **Communication Interface:** TCP/IP, USB, Wiegand34, Wiegand26 (Default)

U2000E / U2000F

- **Reading Distance:** 0-12m (Recommend Distance: 0-6m)
- **Card Capacity:** 5,000
- **Log Capacity:** 30,000
- **Working Frequency:**
  865MHz – 868MHz (U2000E)
  902MHz – 928MHz (U2000F)
- **Hardware Interface:** Two relay, door sensor, exit button, alarm
- **Working Mode:** Always read (Default), Trigger read
- **Working Voltage:** DC 9V -12V
- **Shell Material:** Antenna panel: ABS engineering plastics;
  Back cover: aluminum shell
- **Support Software:** ZKAccess3.5, ZKBioSecurity3.0
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 445*445*70 mm (±5mm)
- **UHF Interface Protocol:** EPC global UHF Class / Gen 2 / ISO / 8000-6c
- **Communication Interface:** TCP/IP, USB, Wiegand34, Wiegand26 (Default)

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UR10R-1E / UR10-1F

- **Reading Distance:** 20-40cm
- **Working Frequency:**
  865MHz – 868MHz (UR10R-1E)
  902MHz – 928MHz (UR10R-1F)
- **Hardware Interface:** USB analog keyboard output, Wiegand26 (Default), Wiegand34
- **Working Voltage:** DC 9V -12V
- **Working Current:** 50-300mA
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 107*107*23 mm (±5mm)
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C/ISO 18000-6B

BT10

- **Reading Distance:** 3-15cm
- **Reading Tag Type:** EM, MF Card, DISFARE, ISO15693, TYPEA B C
- **Shell Material:** ABS Plastics
- **Working Current:** <100 mA
- **Communication Interface:** USB
- **Working Frequency:** 433MHz
- **Working Temperature:** -10 °C ~ 70 °C
- **Working Voltage:** DC5V (USB Power)
- **Dimension:** 160*109*41mm (±3mm)

UHF1-Tag9

- **Reading Distance:** 0-8m for vehicle management /0-3m for access control management (Depending on UHF device and environment)
- **Application:** Long Distance fixed vehicle access management
  Non-contact access control management
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Memory Capacity:** 800bits
- **Chip UID:** 64bits
- **Working Frequency:** 860-928MHz
- **Data Storage:** 5 Years (Only for chip)
- **Working Temperature:** -30 °C ~ 85 °C
- **Dimension:** 85*54*0.8 mm (±0.06mm)
- **Storage Humidity:** 40% ~ 50% RH
- **Packaging Process:** Hot Laminating

UHF1-Tag3

- **Reading Distance:** 0-10m (Depending on UHF device and environment)
- **Application:** Long Distance fixed vehicle access management
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **Memory Capacity:** 272bits
- **Erase Endurance:** 10,000 times (Only for chip)
- **Storage Humidity:** 40% ~ 70% RH
- **Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Chip UID:** G2XM
- **Working Frequency:** 860-928MHz
- **Data Storage:** 20 Years (Only for chip)
- **Environment Requirments:** RoHS Certificate
- **Working Temperature:** -30 °C ~ 60 °C
- **Dimension:** 249*13.8*18 mm (±0.5mm)

UHF Parking Tag

- **Reading Distance:** 0-7m (Depending on UHF device and environment)
- **Application:** Long Distance fixed vehicle access management
- **Interface Protocol:** EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **Erase Endurance:** 100,000 times (Only for chip)
- **Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Chip:** AZ 9654 H3
- **Working Frequency:** 860-960MHz
- **Working Temperature:** -10 °C ~ 50 °C
- **Storage Temperature:** -20 °C ~ 65 °C
- **Dimension:** 100*26 mm (±1mm)

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DF01 Card

- **Application:** Long Distance fixed vehicle access management (With Parking Card Holder); Access control management
- **Function:** ID Card Function& UHF1-Tag1 Function
- **Working Frequency:** ID: 125KHz; UHF: 860-928MHz
- **Interface Protocol:** ID: IOS/EM400; UHF: EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **UHF Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Data Storage:** 5 Years (only for chip)
- **Storage Humidity:** 20% ~ 60% RH
- **Packaging Process:** Hot laminating
- **Working Temperature:** -30 °C ~ 55 °C
- **Storage Temperature:** -10 °C ~ 40 °C
- **Storage Humidity:** 20%-60% RH
- **Dimension:** 85*54*0.9 mm (±0.5mm)

DF02 Card

- **Application:** Long Distance fixed vehicle access management (With Parking Card Holder); Access control management
- **Function:** MF Card Function & UHF1-Tag1 Function
- **Working Frequency:** MF: 13.56KHz; UHF: 860-928MHz
- **Interface Protocol:** MF: IOS/ IEC14443A; UHF: EPC global UHF Class 1 Gen 2/ISO 18000-6C
- **UHF Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Data Storage:** 5 Years (only for chip)
- **Storage Humidity:** 20% ~ 60% RH
- **Packaging Process:** Hot laminating
- **Working Temperature:** -30 °C ~ 55 °C
- **Storage Temperature:** -10 °C ~ 40 °C
- **Storage Humidity:** 20%-60% RH
- **Dimension:** 85*54*0.9 mm (±0.5mm)

BT-Tag1

- **Reading Distance:** 3-15m
- **Fixed Mode:** Affixed type
- **Shell Material:** Shell: ABS Plastics
- **Memory:** 1Kbits Password 1Kbits Fixed Information; 1Kbits Random Information
- **Working Way:** Real-time read and write (with double bit verification)
- **R&W Speed:** >100 Kbit/s
- **Working Temperature:** -20 °C ~ 60 °C
- **Power:** CR2032 Battery
- **Dimension:** 67*74*45mm

↘ Parking Locks

Plock 1

Material	SPCC Steel
Control Distance	≤20 m
Arm Rising Time/Falling Time	≤6s
Altitude After Rising	390 mm
Altitude After Dropping	75 mm
Operating Temperature	-10°C ~ 55°C
Power Supply	Alkaline Dry Battery (D*4)
Rated Voltage	DC6V
Quiescent Current	≤1mA
Operating Current	≤0.9A
Size	390*460*75 mm
Weight	8KG

Plock 2

Material	Steel
Control Distance	≤20 m
Auto-sensing Distance	≤15 m
Arm Rising Time/Falling Time	≤6s
Altitude After Rising	420 mm
Altitude After Dropping	75 mm
Operating Temperature	-10°C ~ 55°C
Power Supply	Alkaline Dry Battery (D*4)
Rated Voltage	DC6V
Quiescent Current	≤1.5 mA
Operating Current	≤2.5A
Size	460*460*75 mm
Weight	8KG

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Security Inspection

ZKTeco' s security inspection products offer a dependable and flexible intelligence security solution. We build a comprehensive security system to protect your entrance security, features of which include People Inspection, Freight Inspection and Vehicle Inspection.

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↘ Walk Through Metal Detector

ZK-D4330 (X01001002)

Model	ZK-D4330
Supply Voltage	15V
Temperature Range	- 20 ℃~+ 50 ℃
Frequency	4KHZ- 8KHZ
WorkStandard External Size(mm)	2200*930*760
Standard Internal Size(mm)	2010*760*760
Package Size for Door Panels(mm)	2300*335*800
Gross Weight	70KG
Display	7 inch LCD
Zone Quantity	33
Each zone Sensitivity Level	300
Optional Functions	Backup battery, Universal wheel, Networking, 45 zones

MST150 (F05200024)

Model	MST150
Detection Zones	15 Zones
Sensitivity	100 Levels
Channel	12
Alarm Relay	1-3 s
Open Duration	0.8s (adjustable)
Delay Close)	0-5s
Speed of Throughput	Maximum 30/ minute
Barrier Movement	Swing
Infrared Sensor	8 pair
Lid Material	Tempered Glass
Weight	232KG (with package)
External Dimensions(mm)	1620(H)×1100 (D)×1700 (L)
Channel Dimensions(mm)	1620(H)×720 (D)×1700 (L)
Work Frequency	4KH-8KH
Working Environment	Indoor
Working Temperature	-28℃ ~ +50℃
Working Humidity	20%-95% (Non-condensing)
Open Duration	100 ~240V, 50/60Hz

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X-Ray

BLADE6040 (F05210018)

Model	BLDAE6040
Tunnel Size	610*420 mm(W*H)
Speed	0.2 - 0.4 m/s
Hight of Transmission Belt	799mm
Maximun Load	≤200Kg (Adequate distribution)
Wire Resolution	38AWG
Space Definition	HorizontalΦ1.0mm / VerticalΦ2.0mm
Penetration	40mm steel board
Monitor	21.inch LED
Film Safety	ASA / ISO1600 standard of film safety
Tube Voltage	150-170 Kv
Cooling	Seal oil cooling / 100%
Single Inspection Dosage Rate	≤1.0μGy
Package Size	L2100mm * W1200mm * H1600mm (L*W*H)
Package Weight	750KG
Power Consumption	1 kVA
Noise	51.8 dB(A)

BLADE100100 (F05210032)

Model	BLADE100100
Tunnel Size	1010*1020 mm(W*H)
Speed	0.2 - 0.4 m/s
Height of Transmission Belt	295 mm
Maximun Load	≤200 kg (Adequate distribution)
Wire Resolution	38AWG
Space Definition	Horizontal Φ1.0mm \ Vertical Φ2.0mm
Penetration	38mm steel board
Monitor	21.5 inch LED x 2
Film Safety	ASA / ISO1600 standard of film safety
Tube Voltage	150-170 Kv
Cooling	Seal oil cooling / 100%
Single Inspection Dosage Rate	≤1.0μGy
Package Size	L2900mm * W1500mm * H2100mm (L*W*H)
Console Desk Size	L1320mm * W900mm * H1320mm (L*W*H)
Package Weight	1250KG+135KG (Console desk)
Power Consumption	1 kVA
Noise	55.8 dB(A)

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Walk Through Metal Detector

ZK-D1065S (X01002045)

- **Detection Zones:** 6
- **Sensitivity Levels:** 100
- **Display:** LED
- **Standard Functions:** Detecting metal, Counting alarm and people.
- **Optional Functions:** Backup battery
- **Power Supply:** AC100 V-240 V
- **Working Temperature:** -20°C~+50°C
- **Working Frequency:** 4KHz—8KHz
- **Standard External Size(mm):** 2220*835*578
- **Standard Internal Size(mm):** 1990*700*578
- **Package Size for Door Panels(mm):** 2260*650*260
- **Package Size for Control Unit(mm):** 780*390*250
- **Gross Weight:** 70kg

ZK-D2180S (X01002043)

- **Detection Zones:** 18
- **Sensitivity Levels:** 256
- **Display:** 3.7" LCD display
- **Optional Functions:** Backup Battery
- **Power Supply:** AC100 V-240 V
- **Working Temperature:** -20°C~+50°C
- **Working Frequency:** 4KHz—8KHz
- **Standard External Size(mm):** 2220*835*578
- **Standard Internal Size(mm):** 1990*700*578
- **Package Size for Door Panels(mm):** 2260*650*260
- **Package Size for Control Unit(mm):** 780*390*250
- **Gross weight:** 70kg

ZK-D3180S (X01002041)

- **Power Supply:** AC100 V~240V
- **Working Temperature:** -20°C ~+50°C
- **Working Frequency:** 4KHz~8KHz
- **Standard External Size:** 2220mm(H)X835mm(W)X578mm(D)
- **Standard Internal Size:**1990mm(H)X700mm(W)X578mm(D)
- **Package Dimensions:** 2310mm(H)X350mm(W)X665mm(D)
- **Gross Weight:** 65kg

Handheld Metal Detector

ZK-D100S (X01001061)

- **Optional Functions:** Li battery, USB charge cable
- **Dimension(mm):** 410*85*45
- **Power Voltage:**Standard 9V battery
- **Operating Voltage:** 7V-9V
- **Operating Curren:** <50mA
- **Alarm Terms:** Sound (vibration) and light alarm simultaneously
- **Waterprooft:** IP31
- **Alarm Sound:** ≥75dB(A)
- **Operation Frequency:** 22KHz

ZK-D180 (X01001019)

- **Dimension(mm):** 345*69*25
- **Power Voltage:** Li battery, USB charge cable
- **Operating Voltage:** 7V-12V
- **Operating Curren:** <5mA
- **Alarm Terms:** Sound(vibration) & light simultaneously
- **Alarm Sound:** 75dB(A)
- **Operation Frequency:** 22KHz

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ZK-D300 (X01001070)

- **Dimension(mm):** 360*82.5*42.5
- **Weight:** 270g
  Power supply: Two AA batteries
- **Power Consumption:** <60mW
- **Operating Curren:** <50mA
- **Alarm Terms:** Sound & light alarm/ Vibration & light alarm
- **Material:** The cover is mainly ABS and rubber
- **Operating Temperature:** IP31
- **Alarm Sound:** 0℃~ 60℃ (Relative Humidity: 0~95%)
- **Operation Frequency:**100KHz

Vehicle Inspection

ZK-VSCN100 (X03401316)

- **Scanning Camera:** High-speed line-scanning camera
- **Vertical Resolution of the Image:** 6000*2048 pixels
- **Speed of Vehicle:** 1-60km/h (Recommended speed≤30km/h)
- **Effective Field of View (FOV):** Less than 170°
- **Auxiliary Light:** 160W
- **Weight Capacity:** 30T
- **Device Weight:** 52KG
- **Device Size(mm):** 670*550*740
- **Package Weight:** 95KG
- **Package Size(mm):** 850*650*970
- **Communication Interface:** RJ45
- **Operating Temperature:** -10℃ to 60℃
- **Operating Voltage:** AC 220V/110V, 50-60HZ
- **Surveillance Camera:** 2MP HD camera
- **Storage:** 1TB hard disk

ZK-VSCN200 (X01050001)

- **Scanning Camera:** High-speed line-scanning camera
- **Vertical Resolution of the Image:** >6000*2048 pixels
- **Speed of Vehicle:** 1-60km/h (Recommended speed≤30km/h)
- **Effective Field of View (FOV):** less than 170°
- **Auxiliary Light:** 320W
- **Weight Capacity:** 50T
- **Water-proof Grade:** IP68
- **Scanning Device Weight:** 105KG
- **Scanner Size(mm):** 1100*280*205
- **Package Weight:** 140KG+51KG (Distribution box) +90KG (Console desk)
- **Package Size(mm):** 1300*450*480 (scanner)
  700*400*1200 (Distribution box)
  800*750*1560 (Console desk)
- **Surveillance Camera:** 2MP HD camera
- **Operating Voltage:** AC 220V/110V, 50-60HZ
- **Scanning Mode:** Triggered by loop detector
- **Surveillance Camera:** 2MP HD camera
  Storage: 1TB Hard disk

BOL1168-F (X01004007)

- **Diameter:** 168mm
- **Height from Ground:** 600mm / customization
- **Average Thickness:** 6mm / customization
- **Embedding Depth:** 200mm
- **Material:** SUS304
- **Reflective Strip Color:** Yellow

BOL1168-R (X01004003)

- **Diameter:** 168mm
- **Height from Ground:** 600mm / customization
- **Average Thickness:** 6mm / customization
- **Embedding Depth:** 210mm
- **Material:** SUS304
- **Reflective Strip Color:** Yellow

BOL1219-A (X01004069(220V) X01004071(110V))

- **Drive Unit:** Hydraulic
- **Diameter:** 219mm
- **Weight :** ≥130KG
- **Underground Product Dimensions:** 430mm*430mm*1130mm/430mm*430mm*1330mm
- **Raising / Lowering Time:** 3s
- **Weight Load:** 120t
- **Material :** SUS304
- **Material Thickness:** 6 / 8 / 10 / 12 / 15 / 30mm
- **Ingress Protection:** IP68
- **Working Voltage:** AC110/220V
- **Working Power:** 350W
- **Working Temperature:** -35 ℃ -75 ℃

ZK-TK500 (X01005001)

- **Material:** A3 Steel
- **Material Thickness:** 12 / 14 / 16mm
- **Length:** Customizable
- **Width:** 550mm
- **Material Thickness:** 12 / 14 / 16mm
- **Height:** 85mm
- **Max Loading Weight:** 80T
- **Weight:** 0.3T (Standard)
- **Spike Height:** 150mm
- **Spike Thickness :** 12mm
- **Drive Mode:** Electromechanical
- **Working Environment:** -40 ℃ ~+70 ℃
- **Control Mode :** Short range wireless remote control/drive-by-wire
- **Raising/Lowering Time :** ≤1~2s
- **System Dynamic Power :** 180W

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ZK-E8800 (X01003005)

- **Detection Technology:** Ion Mobility Spectrometry(IMS)
- **Sample Type:** Particulates, liquids and vapors
- **Detect Types of Sample:** Explosive: BP, TNT, DNT, RDX, PETN, NG, Tetryl, HMX, NH4NO3, Gina, Semtex , C4, TATP, HMTD, EGDN and etc., new samples can be added if needed
  Narcotics: Cocaine, Heroin, Methamphetamine, Morphine, Tetrahydrocannabinol (THC) , Ketamine, MDMA, LSD, DOL, EPH, MDA, MDEA, Cathinone, AMPH and etc., new samples can be added if needed.
- **Sensitivity:** ng to pg level
- **Warm-up Time:** 20 minutes
- **Analysis Time:** 2 to 10 seconds
- **Alarm Form:** Explosives and types of narcotics can be displayed with light and visual alarm or hidden alarm.
- **Radiation Detector:** CsI (Tl)
- **Power Range:** 33Kev ~ 3.0Mev
- **Relative Error:** Not exceeding + 20% .
- **Display:** 4.3 inch color LCD touch screen
- **Data Store and Interfaces:** At least 240000 sheets of raw data, Ethernet, USB interface
- **Dimensions(mm):** 440*140*150
- **Weight(kg):** 3.8 (with battery)
- **Power Supply:** 110/220VAC, 50/60Hz 24V AC/DC Adapter
  22.2V re-chargeable lithium-ion battery up to 4 hours stand-by time more than 8 hours
- **Working Temperature:** -10℃ to 60℃ , relative humidity≤93%

X-Ray

ZKX5030A (F05210001)

- **Tunnel Size:** 507*305mm(W*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 730mm
- **Maximun Load:** ≤120Kg (Adequate distribution)
- **Wire Resolution:** 34 AWG(0.16mm metal wire)
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** 8mm Steel board
- **Monitor:** 17 inch LED
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 80Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 1900*990*1485mm (L*W*H)
- **Power Consumption:** 1kVA
- **Nolse:** 53.8dB(A)
- **Package Weight:** 410KG

ZKX5030C (F05210004)

- **Tunnel Size:** 507*305 mm(W*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 730mm
- **Maximun Load:** ≤120Kg (Adequate distribution)
- **Wire Resolution:** 38 AWG (0.1mm metal wire)
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** 32mm Steel board
- **Monitor:** 17 inch LED
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 140Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 1990*990*1320mm (L*W*H)
- **Power Consumption:** 1kVA
- **Nolse:** 53.8dB(A)
- **Package Weight:** 450KG

ZKX6040 (F05210005)

- **Tunnel Size:** 610*420 mm(W*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 680mm
- **Maximun Load:** ≤180Kg (Adequate distribution)
- **Wire Resolution:** 40 AWG (0.0787mm metal wire)
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** 35mm Steel board
- **Monitor:** 21inch LED
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling / 100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 1990*990*1485mm (L*W*H)
- **Power Consumption:** 1kVA
- **Nolse:** 54 dB (A)
- **Package Weight:** 480KG

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ZKX6550 (F05210002)

- **Tunnel Size:** 665*505 mm(W*H)
- **Speed:** 0.20 m/s
- **Height of Transmission Belt:** 700 mm
- **Maximum Load:** ≤180 kg (Adequate distribution)
- **Wire Resolution:** 40 AWG (0.0787mm metal wire)
- **Space Definition:** Horizontal Φ1.0mm\Vertical Φ2.0mm
- **Penetration:** 38mm Steel board
- **Monitor:** 21.5 inch LED
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 150 Kv
- **Cooling:** Seal oil cooling / 100%
- **Single Inspection Dosage Rate:** ≤1.0 μ Gy
- **Package Size:** 2240*1170*1755mm (L*W*H)
- **Console Desk Size:** 805*900*1320mm (L*W*H)
- **Package Weight:** 680KG+105KG (Console desk)
- **Power Consumption:** 1 kVA
- **Noise:** 53.8 dB(A)

ZKX6550A (F05210015)

- **Tunnel Size:** 665*505 mm(W*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 700mm
- **Maximun Load:** ≤180Kg (Adequate distribution)
- **Wire Resolution:** 38 AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** 10mm Steel board
- **Monitor:** 21.5 inch LED
- **Film Safety:** ASA/ISO1600 standard of film safety
- **Tube Voltage:** 80Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 2240*1170*1755 mm (L*W*H)
- **Console Desk Size:** 805*900*1320 mm (L*W*H)
- **Package Weight:** 640KG+100KG (Console desk)
- **Power Consumption:** 1kVA
- **Nolse:** 53.8dB(A)

ZKX6550D (F05210014)

- **Tunnel Size:** 665*505 mm(W*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 800mm
- **Maximun Load:** ≤180Kg (Adequate distribution)
- **Wire Resolution:** Bottom Generator: 40AWG\Side Generator: 40AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** Bottom Generator: 38mm\Side Generator: 38mm
- **Monitor:** 21.5 inch LED x 2
- **Film Safety:** ASA/ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Radiation Leak Dosage:** 0.1μGy/h(5cm from the shell)
- **Package Size:** 2500*1600*1550 mm (L*W*H)
- **Console Desk Size:** 1320*900*1320 mm (L*W*H)
- **Package Weight:** 1000KG+135KG (Console desk)
- **Power Consumption:** 1.5kVA
- **Nolse:** 55dB(A)

ZKX6550V (F05210013)

- **Tunnel Size:** 665*505 mm(W*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 700mm
- **Maximun Load:** ≤180Kg(Adequate distribution)
- **Wire Resolution:** 40 AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetrate Definition:** 34 AWG
- **Penetration:** 38mm Steel board
- **Monitor:** 21.5 inch LED x 2
- **Film Safety:** ASA/ISO1600 standard of film safety
- **Tube Voltage:** 150Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 2500*1450*1100 mm (L*W*H)
- **Console Desk Size:** 830*W800*1330 mm (L*W*H)
- **Package Weight:** 640KG+135KG (Console desk)
- **Power Consumption:** 1kVA
- **Nolse:** 53.8dB(A)

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ZKX10080 (F05210008)

- **Tunnel Size:** 1006*803 mm(W*H)
- **Speed:** 0.2 - 0.4 m/s
- **Hight of Transmission Belt:** 385mm
- **Maximun Load:** ≤200Kg(Adequate distribution)
- **Wire Resolution:** 38 AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetrate Definition:** 32 AWG
- **Penetration:** 34mm Steel board
- **Monitor:** 21.5 inch LED x 2
- **Film Safety:** ASA/ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling / 100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 2200*1500*1750 mm (L*W*H)
- **Console Desk Size:** 1320*900*1320 mm (L*W*H)
- **Package Weight:** 1150KG+135KG (Console desk)
- **Power Consumption:** 1kVA
- **Nolse:** 53.8dB(A)

ZKX100100 (F05210009)

- **Tunnel Size:** 1010*1020 mm (W*H)
- **Speed:** 0.2 m/s
- **Hight of Transmission Belt:** 484mm
- **Maximun Load:** ≤200Kg (Adequate distribution)
- **Wire Resolution:** 40 AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** 30mm Steel Board
- **Monitor:** 21.5 inch LED x 2
- **Film Safety:** ASA/ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 2600*1520*1920 mm (L*W*H)
- **Console Desk Size:** 1320*850*1320 mm (L*W*H)
- **Package Weight:** 1250KG+135KG (Console desk)
- **Power Consumption:** 1kVA
- **Nolse:** 55.8 dB(A)

ZKX10080D (F05210022)

- **Tunnel Size:** 1018*822 mm (W*H)
- **Speed:** 0.2 - 0.4 m/s
- **Hight of Transmission Belt:** 300mm
- **Maximun Load:** ≤200Kg (Adequate distribution)
- **Wire Resolution:**
  Bottom Generator: 40AWG / Side Generator: 40AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetrate Definition:**
  Bottom Generator: 32AWG / Side Generator:32AWG
- **Penetration:** Bottom Generator: 38mm/Side Generator: 38mm
- **Monitor:** 21.5 inch LED x 2
- **System Function:** "High density alert, Explosive / Drug auxiliary detect, TIP, Luggage counter, date/time display, User management, Training"
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling/100%
- **Radiation Leak Dosage:** 0.2μGy/h(5cm from the shell)
- **Package Size:** 2900*1900*2000 mm (L*W*H)
- **Console Desk Size:** 1320*900*1320 mm (L*W*H)
- **Package Weight:** 1570KG+135KG (Console desk)
- **Power Consumption:** 1kVA
- **Nolse:** 53.8 dB(A)

ZKX100100D (F05210025)

- **Tunnel Size:** 1006*1010 mm(W*H)
- **Speed:** 0.2 - 0.4 m/s
- **Hight of Transmission Belt:** 385mm
- **Maximun Load:** ≤200Kg(Adequate distribution)
- **Wire Resolution:** Top view: 40AWG / Side view: 40AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetrate Definition:** Top view: 32AWG / Side view: 32AWG
- **Penetration:** Top view: 38mm / Side view: 38mm
- **Monitor:** 21.5 inch LED x 2
- **System Function:** "High density alert, Explosive / Drug auxiliary detect, TIP, Luggage counter, date/time display, User management, Training"
- **Film Safety:** ASA/ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling/100%
- **Radiation Leak Dosage:** 0.2 μ Gy/h (5cm from the surface)

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Biometrics

Biometric technology has become an integral part of our everyday lives. Many countries, industries and enterprises around the world have already deployed biometric security systems for fast and accurate identification of visitors and travelers, manpower management and other applications.

However, their requirements and demand for the accuracy, security, convenience of using biometric recognition technology have been boosting. ZKTeco keeps bending its efforts to continuous development and improvement of different biometric-related technology based on Bio4, the core biometric identification technology, to provide end-users worldwide with the best biometric solutions.

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USB Scanners-Fingerprint

SLK20R (F06010033)

- **CPU:** 280MHz
- **Flash:** 32 MB
- **Water Splash:** No damage, make sure it can work
- **Power Consumption:** 5V: 120-240mA scanning 5V: 97mA idle (waiting for finger)
- **Interface Type:** USB Type A
- **Dimension:** 49*44*20.1mm (L*W*H)
- **Sunlight Operation:** Yes, dark field and automatic gain/exposure
- **Dry, Moist, or Rough Fingerprints:** Work well
- **Image Resolution:** 500 dpi
- **Image Size:** 300*400 pixel (FAP20)
- **Live Detection:** Yes
- **Template:** ZKFinger V10.0; ISO19794-2; ANSI 379
- **Certifications:** FCC, CE, RoHS, PIV
- **Operating Environment:** -20 °C~ 50 °C; 90% r.h.

ZK6500 (F06010153)

- **Prism Material**: Optical glass
- **CPU:** 280MHz DSP
- **Flash:** 8MB
- **Image Resolution:** 500dpi
- **Encryption IC:** YES
- **Interface Type:** USB Type A
- **Dimension:** 76.00 * 84.48 * 68.97 mm (L*W*H)
- **Sunlight Operation:** YES, dark field and automatic gain / exposure
- **Illumination LED:** Green
- **Collecting Area:** 16.5 * 23 mm
- **Image Size:** 256 * 360 pixel
- **Live Detection:** N / A
- **Template:** ZKFinger V10.0
- **ISO/ANSI Support:** N / A
- **Certifications:** FCC, CE, RoHS
- **Operating Environment:** -20 °C ~ +50 °C; 90% r.h.

ZK9500 (F06010109)

- **CPU:** 280MHz
- **Flash:** 32 MB
- **Water Splash:** No damage, make sure it can work
- **Power Consumption:** 5V: 140-195mA scanning 5V: 63mA idle (waiting for finger)
- **Interface Type:** USB Type A
- **Dimension:** 124.5*102*34mm (L*W*H)
- **Sunlight Operation:** Yes, dark field and automatic gain/exposure
- **Dry, Moist, or Rough Fingerprints:** Work well
- **Image Resolution:** 500 dpi
- **Image Size:** 300*400 pixel (FAP20)
- **Template:** ZKFinger V10.0
- **Certifications:** FCC, CE, RoHS
- **Operating Environment:** -20 °C ~ 50 °C; 90% r.h.

ZK8500R[MF] (F06020001)
ZK8500R[ID] (F06020002)
ZK8500R(SilkID) (F06020003)
ZK8500R(SilkID)[ID] (F06020004)

ZK8500R	Fingerprint Module	Card Module
Standard	ZK9500	Mifare Card (13.56 MHz)
Fingerprint Module		
Sensor Type	Optical	
Effective Collecting Area	15.24 * 20.32mm	
Fingerprint Algorithm	ZKFinger V10.0	
Template Size	< 2KB	
Mifare Card Module		
Model	M330-L (IC01)	
International Standard	ISO / IEC 14443A	
Card Type	Mifare S50; Mifare S70; Desre; CUP	
ID Card Module		
Model	M210-H-T (EM05)	
International Standard	ISO / EM4001	
Card Type	ID Card	
Other Parameters		
Operating System	Windows /Linux/Android	
Interface Socket	USB 1.1/2.0	
Dimensions	124.5* 102 * 34mm (L*W*H)	

USB Scanner-Palm

PV10R (F06010139)

- **Dimensions:** 83*34 (Diameters * Depth±1mm)
- **Interface:** USB 2.0 High Speed
- **Power Requirements:** USB 5V
- **Mating Connector:** Molex51021-0700 (7 pin; 1.25mm)
- **Supported Algorithm:** ZKPalm 12.0
- **Operating Encironment:** -10°C ~ 55°C; Humidity: 10% ~ 90%RH
- **Recognition Distance:** 20cm ~ 35cm (recommended)
- **Operating Systems:** Windows 7 or higher, Android 5.1 or higher, Linux
- **Lighting Environment:** Incandescent / LED / natural Light (Indoor)

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Embedded Module-Fingerprint

SLK20S (F06010155)

- **Dimensions (L * W * H):** 1.72 *1.4 * 0.6 inch / 44 * 36 * 16mm
- **Capture Dimensions (W * H):** 0.6 * 0.8 inch / 15.24 * 20.32 mm
- **Sensor Type:** Optical
- **FRR (False Rejection Rate):** <1%
- **FAR (False Accept Rate):** <0.0001%
- **Image Resolution:** 500 DPI
- **Image Size:** 300 * 400 pixel (FAP20)
- **Supported Algorithm:** ZKFinger V10.0
- **Capacity:** 8000 templates (up to 10000)
- **Matching Speed:** 110ms (1:1) / 937ms (1:10,000)
- **Operating Systems:** Windows 7 or higher, Android 5.1 or higher, Linux
- **Power Requirements:** USB 5V
- **Power Consumption:** 130mA (Active) / 70mA (Standby)
- **Operating Environment:** 0°C ~ 45°C; 10-90% RH (non-condensing)
- **Interface:** USB 2.0 / UART (115200bps/TTL 3.3V)
- **Connector:** Molex 51021-0700 (7 pin; 1.25mm)
- **Certifications:** PIV, STQC, CE, FCC, RoHS

SLK20M (F06010031)

- **CPU:** 280MHz
- **Flash:** 32 MB
- **Water Splash:** no damage,make sure it can work
- **Power Consumption:** 5V:130 - 230MA scanning 5V:75mA idle(waiting for finger)
- **Interface Type:** Molex 51021-0700(7 pin; 1.25 mm)
- **Dimension:** 36.2 * 44.2 * 15.85mm(L*W*H)
- **Sunlight Operation:** YES,dark field and automatic gain/exposure
- **Dry, Moist, or Rough Fingerprints:** Work well
- **Image Resolution:** 500~1000 dpi
- **Image Size:** 300 * 400 pixel (FAP20)
- **Live Detection:** YES
- **Template:** ZKFinger V10.0; ISO19794-2; ANSI 379
- **Certifications:** FCC, CE, RoHS, PIV
- **Operating Environment:** -20 °C ~+50 °C; 90% r.h.

USB Scanner-Finger Vein

FPV10R (F01090074)

- **Sensor Type:** Optical
- **Effective Collecting Area:** 13.24*15.7mm
- **Image Size:** 640*480pixel / 320*240pixel
- **Image Resolution:** 500dpi / 300dpi
- **Gray Level:** 256
- **Interface Socket:** USB Type A
- **Communication:** USB 2.0 / USB1.1
- **Power Voltage:** 4.8V~5.5V (USB)
- **Operating Environment:** -20 °C ~ 50 °C; 90% r.h.
- **Dimension (L*W*H):** 114.6*65.8*63.4 mm

Embedded Module-Finger Vein

FPV10M (F06010111)

- **Sensor Type:** Optical
- **Effective Collecting Area:** 13.24*15.7 mm
- **Image Size :** 256*360pixel / 240*320pixel
- **Image Resolution:** 500dpi / 300dpi
- **Gray Level:** 256
- **Interface Socket:** USB Type A
- **Communication:** USB 2.0 / USB1.1
- **Power Voltage:** 4.8V~5.5V (USB)
- **Operating Environment:** -20 °C ~ 50 °C; 90% r.h.
- **Dimension (L*W*H):** 114.6*65.8*63.4 mm

Embedded Modules-Fingerprint

Bio30M (F06010112)

- **CPU:** 280MHz
- **Flash:** 32 MB
- **Communication:** UART (115200bps / TTL3.3V) / USB 2.0
- **Power Consumption:** 5V:200mA Scanning; 5V:100mA idle (waiting for finger)
- **Interface Type:** Molex 51021-0700(7 pin; 1.25 mm)
- **Dimension:** Motherboard: 42.0*26.0*5.08 mm Sensor: 35.0*23.0*3.66 mm
- **Dry, Moist, or Rough Fingerprints:** Work well
- **Image Resolution:** 508 dpi
- **Image Size:** 256*360pixel
- **Template:** ZKFinger V10.0
- **Template Size:** 1- 4KB (ZKFinger V10.0)
- **Operating Environment:** -20 °C ~ +50 °C; 90% r.h.

Bio31M (F06010113)

- **CPU:** 280MHz
- **Flash:** 32 MB
- **Communication:** UART (115200bps / TTL3.3V) / USB 2.0
- **Power Consumption:** 5V:200mA Scanning; 5V:100mA idle (waiting for finger)
- **Interface Type:** Molex 51021-0700(7 pin; 1.25 mm)
- **Dimension:** Motherboard: 42.0*26.0*5.08 mm Sensor: 35.0*23.0*3.66 mm
- **Dry, Moist, or Rough Fingerprints:** Work well
- **Image Resolution:** 508 dpi
- **Image Size:** 208*288pixel
- **Template Size:** 1- 4KB (ZKFinger V10.0)
- **Operating Environment:** -20 °C ~ +50 °C; 90% r.h.

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Smart Bio-Terminals

Please contact us for order placement.

- HB510-B[NFC] (X03401084)
- HB510-FB (X03401085)
- HB510-F[NFC] (X03401086)
- HB510-FB[NFC] (X03401087)

- **CPU:** Quad core 64 bit Cortex A53 1.3GHZ
- **RAM:** 2GB
- **ROM:** 16GB
- **Display:** 5 inch IPS HD screen Corning gorilla touch screen
- **Dimension:** 170*85*23 mm (±2mm)
- **Camera:** Rear 8 million pixels, comes with flash, auto focus
- **Operating System:** Android 5.1.1
- **Communication:** Wi-Fi, 4G, Bluetooth 4.0
- **Interface Socket:** USB2.0
- **Optional Function:** Fingerprint Module / Barcode / NFC
- **SDK:** Yes
- **Power Consumption:** 5V 2A
- **Battery:** 4500mAh Li-polymer
- **Sealing:** IP65, IEC compliance
- **Operating Environment:** 0~+50°C; 90% r.h.

USB Scanner-Face

- **CMOS:** Dual 1/2.7 HDR CMOS sensor
- **Resolution:** 500 Dpi
- **Interface:** USB 2.0 High Speed
- **Power:** USB bus power 5V
- **Mating connector:** Molex 51021-0700 (7 pin; 1.25mm)
- **Operating Temperature:** -10°C ~ 55°C
- **Operating Humidity:** 10% ~ 95%RH
- **Dimensions:** 60mm * 22mm * 18.3mm
- **FAR:** 0.1% - 0.001% (selectable)
- **Verification Time:** < 1 sec
- **Algorithm Capacity:** 12000 templates
- **Recognition Distance:** 40cm-80cm(recommended)
- **Operating Systems:** Windows 7 or higher, Android 5.1 or higher, Linux
- **Algorithm Requirement:** Quad core CPU 1.5G , 2GB RAM, 40GB HDD
- **Certifications:** FCC, CE, RoHS

FA10MS (F06030010)

USB Scanner-Fingerprint

ZK-AFIS 400
(X02104001)

- **Active Scanning Window:** Flat four fingers up to 3.2" x 3.0" - Two _x005fat thumbs up to 3,2" x 3,0" - Rolled fingers up to 1,6" x 1,6" - 500 dpi
- **Interface:** USB 2.0
- **Temperature :** Storage: from -20°C to +60°C Operating: from +0°C to +50°C
- **Image Quality and Formats:** FBI IAFIS IQS Appendix F (FAP60) certified; ANSI/NIST-ITL 1-2007/2011;ANSI/NIST-ITL 1-2000; ISO/IEC FCD 19794-4
- **Humidity:** From 10% to 90% (non-condensing)
- **Dimensions:** 148 x 152 x 148 mm
- **Weight:**1.4 Kg
- **Supported Operating Systems:** Microsoft Windows up to Win10 in 32-bit and 64-bitconfiguration; Linux Ubuntu and Fedora distributions in 32-bit and 64-bit; configuration Android
- **Certification:** CE, FCC, RoHS, KCC
- **IP Rating:** IP54

USB Scanner-OCR

RS100 (F06030006)

- **Machine Readable Zone:** ICAO 9303 standard compliant documents: ID-1 (Identity Card); ID-2(Passport, Visa); ID-3(Passport)
- **Visual Inspection Zone:** Customization based on clients' requirements
- **RFID:** Read and write contactless ICs according to ISO/IEC 14443-S (Type AB) Read smart card according to ISO/IEC 7816; Support e-passport Basic Access Control (BAC)& Extended Access Control (EAC); Support active / passive authentication
- **Barcode:**1D: Code 128, Code 39, Interleaved 2 of 5; 2D: PDF 417, QR Code, Data
- Matrix, Aztec Code
- **Resolution:** 500 DPI
- **Image Format:** JPG,BMP,PNG
- **Dimension:** 175*199*140mm(W*D*H)
- **Interface:** USB 2.0
- **Supported Operation System:** Windows 7, 8, 10, Vista, XP (32/64 bit WHQL certied) Windows Server 2003 & 2008 (32/64 bit); Linux Ubuntu, CentOS, RedHat
- **Operating Humidity:** JPG,BMP,PNG
- **Dimension:** 20%-95% (non-condensing)
  Operating Temperature: 10°C to 50°C operating -20°C to 50°C storage

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Video Surveillance

ZKTeco's Surveillance Department, which is established in 2010, focuses on providing competitive and well-featured security surveillance system including HD analog, IP cameras, powerful VMS platform and ZKTeco private Cloud server.

In 2016, ZKTeco officially launched the cutting-edge dynamic facial recognition camera which enables robust identification and monitoring with long distance and wied-angle detection based on industry-leading intellectualized engineering. So far ZKTeco has provided its valuable clients with a wide range of products including NVR, cameras, industry server and more to meet different consumer needs from commercial level to industrial level.

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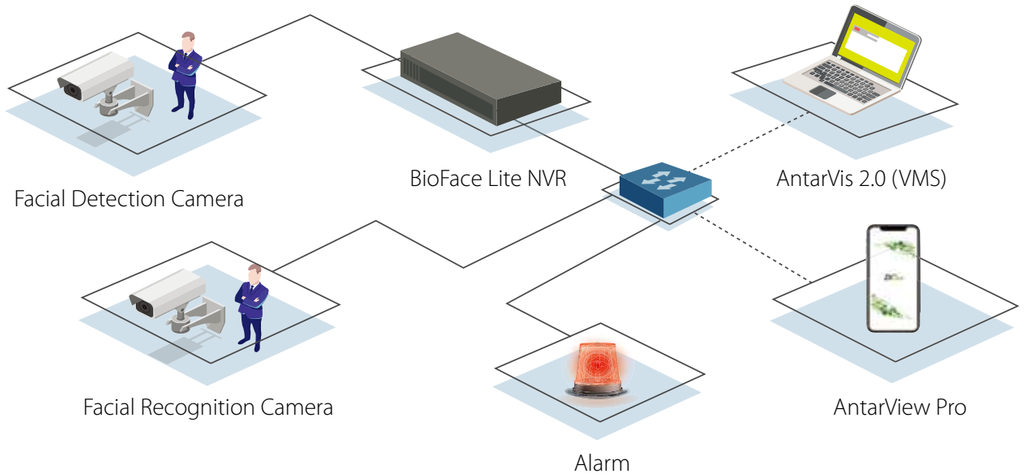
BioFace Lite Solution

Based on the deep learning algorithm, BioFace Lite solution provides a simple structure (NVR + IPC) to extract human facial feature, real-time facial snapshots, and a comparison database up to 100,000 face images. This solution is special designed for moving human detection and recognition in small to medium-size scenarios, achieves face recognition and video storage practical application.

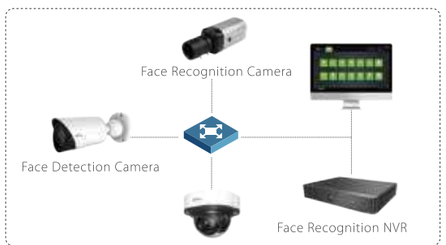
Schematic Diagram

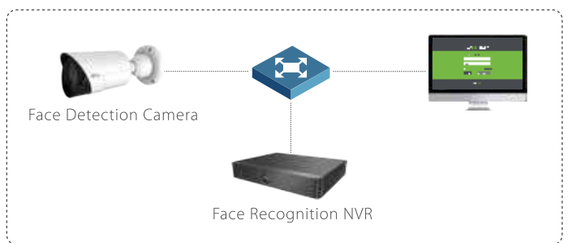


Real-time Monitoring

Video Storage and Remote Access

Alarm Linkage and Data Retrieval





Main Functions

Face Detection

Detect and locate human faces within an image, and returns high-precision face bounding boxes for further recognition. ZKTeco Face Recognition is able to simultaneously recognize 20 different facial templates, which enables you to identify customers including VIP or blacklisted etc.

Facial Attributes

Unconscious access control scheme can extra face related attributes on the detected faces, such as gender, Age, face landmarks, etc. All images can be grouped or classified based on content.

Face Search

Real Time Filtering of Human Faces, Fast Search: use facial or vehicle images to search for related pictures and video information.

Face Recognition

BioFace real-time Face Recognition system is capable of identifying multiple faces in live videos, even under imperfect conditions.

- Rea-time face recognition in complex environments in less than 1 second.
- Speed face registration less than 20 millisecond per template.
- Facial feature recognition meets target criteria with up to 98% accuracy.

Real-Time Alarm

Linkage mode detects a face stored in the blacklist and triggers an alarm, send an email, or takes a snapshot or records for further scrutiny. Different linkage alarm mode can be application to the different face databases.

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BioEco Series 2MP IP Camera

BS-852K12K

- 1/2.7" CMOS sensor
- 2MP(1920*1080)@20fps
- H.265/H.264
- IR Range 20m
- Fixed Lens 3.6mm
- DWDR, 3D DNR, BLC, ROI, PoE
- Metal case, IP67

ES-852K11H

- 1/2.7" CMOS sensor
- 2MP(1920*1080)@20fps
- H.265/H.264
- IR Range 20m
- Fixed Lens 2.8mm
- DWDR, 3D DNR, BLC, ROI, PoE
- Metal case, IP67

ES-852O21/22B

- 1/2.7" CMOS sensor
- 2MP(1920*1080)@25fps
- H.265/H.264
- IR Range 30m
- Fixed Lens 2.8/3.6mm optional
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

BS-852O22/23B

- 1/2.7" CMOS sensor
- 2MP(1920*1080)@25fps
- H.265/H.264
- IR Range 30m
- Fixed Lens 3.6/6mm optional
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

ES-852O21/22C

- 1/2.7" CMOS sensor
- 2MP(1920*1080)@25fps
- H.265/H.264
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm optional
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

BS-852O22/23C

- 1/2.7" CMOS sensor
- 2MP(1920*1080)@25fps
- H.265/H.264
- IR Range 30m
- Fixed Lens 3.6mm/6mm optional
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

BL-852O38S

- 1/2.9" CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 50m
- 3X zoom motorized lens
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio in
- Metal case, IP67

EL-852O38I

- 1/2.9" CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 50m
- 3X zoom motorized lens
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio in
- Metal case, IP67

DL-852O28B

- 1/2.9" CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265; IR Range 30m
- 3X zoom motorized lens
- DWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio in
- Metal case, IP67, IK10

BS-855L12/13B

- 1/2.7" CMOS
- 5MP (2560*1920)@15fps
- H.265/H.264
- IR Range 20m
- Fixed Lens 3.6mm
- DWDR, 3D DNR, video analytics,PoE
- Metal case, IP67

ES-855L11/12B

- 1/2.7" CMOS
- 5MP (2560*1920)@15fps
- H.265/H.264
- IR Range 20m
- Fixed Lens 3.6mm
- DWDR, 3D DNR, video analytics,PoE
- Metal case, IP67

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BioPro Series 2/4/5/8MP IP Camera

BS-852T22/23C

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 30m
- Fixed Lens 3.6/6mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

ES-852T21/22C

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 30m
- Fixed Lens 3.6/6mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

BL-852T33S

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 50m
- Fixed Lens 6mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67

BL-852T45S

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 80m
- Fixed Lens 12mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67

BL-852T48S

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 80m
- 3X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67

BL-852T50S

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 100m
- 10X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67

EL-852T38I

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 50m
- 3X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67

DL-852T28B

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- H.264/H.265
- IR Range 30m
- 3X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67, IK10

BS-854N22/23C

- 1/3"CMOS
- 4MP (2592* 1520)@25fps
- H.264/H.265/H.265+
- IR Range 30m
- Fixed Lens 3.6/6mm optional
- 120dB True WDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

ES-854N21/22C

- 1/3"CMOS
- 4MP (2592* 1520)@25fps
- H.264/H.265/H.265+
- IR Range 30m
- Fixed Lens 2.8/3.6mm optional
- 120dB True WDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

BL-854N38S

- 1/3"CMOS
- 4MP (2592* 1520)@25fps
- H.264/H.265/H.265+
- IR Range 50m
- Motorized 2.8-12mm
- 120dB True WDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio input
- Metal case, IP67

EL-854N38I

- 1/3"CMOS
- 4MP (2592* 1520)@25fps
- H.264/H.265/H.265+
- IR Range 50m
- Motorized 2.8-12mm
- 120dB True WDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio input
- Metal case, IP67

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DL-854N28B

- 1/3"CMOS
- 4MP (2592* 1520)@25fps
- H.264/H.265/H.265+
- IR Range 30m
- Motorized 2.8-12mm
- 120dB True WDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH audio input
- Metal case, IP67, IK10

BS-855P22/23C

- 1/2.8" Sony STARVIS CMOS
- 5MP (2592* 1944)@25fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Fixed Lens 3.6/6mm optional
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

DL-858M22B

- 1/1.8" Sony CMOS
- 8MP (3840* 2160)@15fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Fixed Lens 3.6mm optional
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

BL-858M48S

- 1/1.8" Sony CMOS
- 8MP (3840* 2160)@15fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 80m
- Motorized Lens 3.6~11mm
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

DL-855P22B

- 1/2.8" Sony STARVIS CMOS
- 5MP (2592* 1944)@25fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Motorized 3.6mm lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67, IK10

BL-855P48S

- 1/2.8" Sony STARVIS CMOS
- 5MP (2592* 1944)@25fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 80m
- Motorized 2.8-12mm lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67, IK10

DL-858M28B

1/1.8" Sony CMOS
8MP (3840* 2160)@15fps
1/1.8" Sony CMOS
8MP (3840* 2160)@15fps
H.264/H.265/H.265+
Support Face Recognition, 2000 Face Library
IR Range 30m
Motorized Lens 3.6~11mm
120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
Metal case, IP67

DL-855P28B

- 1/2.8" Sony STARVIS CMOS
- 5MP (2592* 1944)@25fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Motorized 2.8-12mm lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- 1CH Audio Input
- Metal case, IP67, IK10

BS-858M22/23C

- 1/1.8" Sony CMOS
- 8MP (3840* 2160)@15fps
- H.264/H.265/H.265+
- Support Face Recognition, 2000 Face Library
- IR Range 30m
- Fixed Lens 3.6/6mm optional
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Metal case, IP67

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BioUltra Series IP Camera

BL-852Q38A

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- Support Face Recognition, 3000 Face Library
- H.264/H.265/H.265+
- IR Range 50m
- 3X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Audio/Alarm/RS485/SD card slot
- Metal case, IP67

DL-852Q28B

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- Support Face Recognition, 3000 Face Library
- H.264/H.265/H.265+
- IR Range 30m
- 3X zoom motorized lens
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Audio/Alarm/RS485/SD card slot
- Metal case, IP67

FI320

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920*1080)@25fps
- Box type Camera
- H.264/H.265/H.265+
- Support Face Recognition, 3,000 Face Library
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Audio/Alarm/RS485/SD card slot
- Metal case

FI330

- 1/2" Sony CMOS
- 2MP (1920*1080)@25fps
- Box Type Camera
- H.264 / H.265 / H.265+
- Support Face Recognition, 10,000 Face Library
- 120db TWDR, 3D DNR, BLC, ROI, video analytics, PoE
- Audio/Alarm/RS485/SD card slot
- Metal case

DL-858V17C-FS

- 1/1.7" Sony CMOS
- 8MP (3840*2160)@(1-25/30fps)
- H.265/H.264
- IR Range 10-20m
- Low Light/120dB TWDR
- 360 degree panoramic
- Audio/Alarm/RS485/SD card slot/PoE
- Metal case, IP66

IP PTZ

PS-52B18F

- 2MP 1/2.9" Low Light CMOS
- 18X Optical Zoom
- IR Distance 80m
- Pan speed 0~80°/s & Tilt speed 0~40°/s
- IP66

PS-55B18F

- 5MP 1/2.5" Low Light CMOS
- 10X Optical Zoom
- IR Distance 80m
- Pan speed 0~80°/s & Tilt speed 0~40°/s
- IP66

PL-52D18E

- 2MP 1/2.9" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- IP66

PL-52D18E-M

- 2MP 1/2.9" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Alarm, TF card slot
- IP66

PL-52D18E-A

- 2MP 1/2.9" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Audio, TF card slot
- IP66

PL-52D36E

- 2MP 1/2.9" Low Light CMOS
- 36X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- IP66

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PL-52D36E-M

- 2MP 1/2.9" Low Light CMOS
- 36X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Alarm, TF card slot
- IP66

PL-52D36E-A

- 2MP 1/2.9" Low Light CMOS
- 36X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Audio, TF card slot
- IP66

PL-55D18E

- 5MP 1/2.5" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- IP66

PL-55D18E-M

- 5MP 1/2.5" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Alarm, TF card slot
- IP66

PL-55D18E-A

- 5MP 1/2.5" Low Light CMOS
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~480°/s & Tilt speed 0~240°/s
- 1 in/1out Audio, TF card slot
- IP66

KB200 (IP Keyboard)

- ONVIF Profile Compatible
- 3D joysick controller, support setting Presrt,Cruise, P/T/Z etc.
- Plug and Play, DHCP supportedIP66

H.265 Non-POE NVR Series

Z8504NER

- H.265+
- Max resolution: 4ch*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

Z8508NER

- H.265+
- Max resolution: 8ch*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

Z8516NER

- H.265+
- Max resolution: 16ch*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

Z8516NFR

- H.265+
- Max resolution: 16ch*4K@25/30fps
- HDMI 4k Output
- 1U Case, SATA x2

Z8532NFR

- H.265+
- Max resolution: 32ch*4K@25/30fps
- HDMI 4k Output
- 1U Case, SATA x2

Z8536NMR

- H.265+
- Max resolution: 36ch*4K@25/30fps
- HDMI 4k Output
- 1.5U Case, SATAx4

Z8536NHR

- H.265+
- Max resolution: 36CH*4K@25/30fps
- HDMI 4k Output
- 2U Case, SATAx9

Z8564NHR

- H.265+
- Max resolution: 64CH*4K@25/30fps
- HDMI 4k Output
- 2U Case, SATAx9

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Z8564NTR

- H.265+
- Max resolution: 64ch*4K@25/30fps
- HDMI 4K Output
- 3U Case, SATA x16

Z85128NTR

- H.265+
- Max resolution: 128ch*4K@25/30fps
- HDMI 4K Output
- 3U Case, SATA x16

H.265 POE NVR Series

Z8504NER-4P

- H.265+
- 4 channel IP input, 4 PoE Port
- Max resolution: 4ch*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

Z8508NER-8P

- H.265+
- 8 channel IP input, 8 PoE Port
- Max resolution: 8ch*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

Z8516NFR-16P

- H.265+
- 16 channel IP input, 16 PoE Port
- Max resolution: 16ch*8MP@25/30fps
- HDMI 4K Output
- 1U Case, SATA x2

Z8532NFR-16P

- H.265+
- 32 channel IP input, 16 PoE Port
- Max resolution: 16ch*8MP@25/30fps
- HDMI 4K Output
- 1U Case, SATA x2

BioFace Lite Face Recognition NVR Series

Z8608NF-8F

- H.265+
- 8MP@25/30fps
- 8ch Face recognition or 8ch Regular monitoring
- 50,000pcs Face Templates; 30 faces-sec Match Speed
- 1U Case, SATA x2

Z8636NF-16F

- H.265+
- 8MP@25/30fps
- 16ch Face recognition + 20ch Regular monitoring
- 100,000pcs Face Templates; 30 faces-sec Match Speed
- 1U Case, SATA x2

Z8536NMR-4F

- H.265+
- 8MP@25/30fps
- 4ch Face recognition + 32ch Regular monitoring
- 5000pcs Face Templates; 30 faces-sec Match Speed
- 1.5U Case, SATA x4

H.265 POE NVR Kits Series

KIT-8504NER-4P/4-BS852O11B

- 4pcs 1080p metal bullet IP camera
- 2.8mm Fixed lens
- 4CH POE NVR
- Accessories Optional

KIT-8504NER-4P/2-BS852O11B/ 2-ES852O11B

- 2pcs 1080p metal bullet+2pcs 1080p eyeball IP camera
- 2.8mm Fixed lens
- 4CH POE NVR
- Accessories Optional

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KIT-8504NER-4P/4- BS855L11B

- 4pcs 5MP metal bullet IP camera
- 2.8mm Fixed lens
- 4CH POE NVR
- Accessories Optional

KIT-8504NER-4P/2-BS855L11B/ 2-ES852L11B

- 2pcs 5MP metal bullet + 2pcs 5MP eyeball IP camera
- 2.8mm Fixed lens
- 4CH POE NVR
- Accessories Optional

1080P HD Analogue Cameras

ES-32B11J

- 1080P 1/2.9" CMOS
- IR Range: 20m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

BS-32B11A

- 1080P 1/2.9" CMOS
- IR Range: 20m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

BS-32B11B

- 1080P 1/2.9" CMOS
- IR Range: 20m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

ES-32D12C

- 1080P 1/2.9" CMOS
- IR Range: 20m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

ES-32D11C

- 1080P 1/2.9" CMOS
- IR Range: 20m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 2.8mm

BS-32D22C

- 1080P 1/2.9" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

BS-32D23C

- 1080P 1/2.9" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Fixed Lens 3.6mm

DL-32D26B

- 1080P 1/2.7" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Manual VF 2.8-12mm
- IP67; IK10

BL-32D26L

- 1080P 1/2.7" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Manual VF 2.8-12mm
- IP67

EL-32C28I

- 1080P 1/2.8" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- StarLight; WDR, 3D DNR
- Motorized 2.8-12mm
- IP67

DL-32C28B

- 1080P 1/2.8" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- StarLight; WDR, 3D DNR
- Motorized 2.8-12mm
- IP67; IK10

BL-32C28L

- 1080P 1/2.8" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- StarLight; WDR, 3D DNR
- Motorized 2.8-12mm
- IP67

DL-32D28B

- 1080P 1/2.9" CMOS
- IR Range: 30m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- motorized 3.35-10.5mm
- IP67; IK10

BL-32D38A

- 1080P 1/2.9" CMOS
- IR Range: 50m
- AHD/TVI/CVI/CVBS
- Video Output
- DWDR
- Motorized 3.35-10.5mm
- IP67

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5MP HD Analogue Cameras

ES-35J12J

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm

ES-35J11J

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 2.8mm

ES-35J12B

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

ES-35J11B

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 2.8mm
- IP67

BS-35J12B

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6m
- IP67

BS-35J13B

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 6mm
- IP67

ES-35J12H

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

ES-35J11H

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 2.8mm
- IP67

BS-35J12K

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

BS-35J13K

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 6mm
- IP67

ES-35J12C

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

ES-35J11C

- 1/2.5" CMOS
- IR Range 10-20m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 2.8mm
- IP67

BS-35J22C

- 1/2.5" CMOS
- IR Range 30m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 3.6mm
- IP67

BS-35J23C

- 1/2.5" CMOS
- IR Range 30m
- AHD/TVI/CVI/CVBS
- Video Output
- Wide FOV
- 3D DNR
- Fixed Lens 6mm
- IP67

EL-35J28I

- 1/2.7" CMOS
- IR Range 20-30m
- AHD/TVI/CVI/CVBS
- Video Output
- WDR; 3D DNR
- Motorized 2.8-12mm
- IP67

DL-35J28B

- 1/2.7" CMOS
- IR Range 20-30m
- AHD/TVI/CVI/CVBS
- Video Output
- WDR; 3D DNR
- Motorized 2.8-12mm
- IP67; IK10

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BL-35J28L

- 1/2.7" CMOS
- IR Range 20-30m
- AHD/TVI/CVI/CVBS
- Video Output
- WDR; 3D DNR
- Motorized 2.8-12mm
- IP67

1080P/5MP HD Analogue PTZ

PS-32A10B

- 2MP 1/2.9" CMOS
- 10X Optical Zoom
- Pan speed 0~300°/s & Tilt speed 0~200°/s

PS-32C18J

- 2MP 1/2.9" CMOS sensor
- 18X Optical Zoom
- IR Distance 120m
- Pan speed 0.1~200°/s &Tilt speed 1~200°/s
- IP66

PS-35C18J

- 5MP 1/2.7" CMOS sensor
- 18X Optical Zoom
- IR Distance 120m
- Pan speed 0.1~200°/s & Tilt speed 0.1~200°/s
- IP66

PL-32C20D

- 2MP 1/2.9" CMOS sensor
- 20X Optical Zoom
- IR Distance 120m
- Pan speed 0.1~200°/s &Tilt speed 0.1~180°/s
- IP66

PL-32C33D

- 2MP 1/2.9" CMOS sensor
- 33X Optical Zoom
- IR Distance 120m
- Pan speed 0.1~200°/s &Tilt speed 0.1~180°/s
- IP66

PL-35C33D

- 5MP 1/2.7" CMOS sensor
- 33X Optical Zoom
- IR Distance 120m
- Pan speed 0.1~200°/s &Tilt speed 0.1~180°/s
- IP66

KB100

- RS485 & RS422 Interfaces
- Support PELCO D/P Protocols
- Each keyboard can control 32 cameras
- 3D joysick controller, support setting Presrt,Cruise, P/T/Z etc.

H.264 5MP Lite XVR Series

Z8304XEC-CL

- 4ch 5MP Lite@8fps
- AHD/TVI/CVI/CVBS Input
- Mini 1U Case, SATA x1
- HDMI 1080P Output

Z8308XEC-CL

- 8ch 5MP Lite@8fps
- AHD/TVI/CVI/CVBS Input
- Mini 1U Case, SATA x1
- HDMI 1080P Output

Z8304XE-CL

- 4ch 5MP Lite@8fps
- AHD/TVI/CVI/CVBS Input
- Mini 1U Case, SATA x1
- HDMI 1080P Output

Z8308XE-CL

- 8ch 5MP Lite@8fps
- AHD/TVI/CVI/CVBS Input
- Mini 1U Case, SATA x1
- HDMI 1080P Output

Z8316XF-CL

- 16ch 5MP Lite@8fps
- AHD/TVI/CVI/CVBS Input
- 1U Case, SATA x2
- HDMI 1080P Output

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H.264 XVR Kits 1080P Lite Series

KIT-8304XEC-S/4-BS31A11M

- 4CH 1080p lite DVR+ 4pcs 720p plastic bullet HD analog camera, 2.8mm 4pcs 18m coax cables

KIT-8304XEC-S/4-BS31A11B

- 4CH 1080p lite DVR+ 4pcs 720p metal bullet HD analog camera, 2.8mm 4pcs 18m coax cables

KIT-8308XEC-SL/8-BS31A11M

- 8CH 1080p lite DVR+ 8pcs 720p plastic bullet HD analog camera, 2.8mm 8pcs 18m coax cables

KIT-8308XEC-SL/8-BS31A11B

- 8CH 1080p lite DVR+ 8pcs 720p metal bullet HD analog camera, 2.8mm 8pcs 18m coax cables

H.264 XVR Kits 5MP Lite Series

H.264 XVR Kits 5MP Lite Series

- 4CH 5MP LITE DVR+ 4pcs 1080p plastic bullet HD analog camera, 2.8mm 4pcs 18m coax cables

KIT-8304XEC-CL/4-BS32B11B

- 4CH 5MP LITE DVR+ 4pcs 1080p metal bullet HD analog camera, 2.8mm 4pcs 18m coax cables

KIT-8308XEC-CL/8-BS32B11M

- 8CH 5MP LITE DVR+ 8pcs 1080p plastic bullet HD analog camera, 2.8mm 8pcs 18m coax cables

KIT-8308XEC-CL/8-BS32B11B

- 8CH 5MP LITE DVR+ 8pcs 1080p metal bullet HD analog camera, 2.8mm 8pcs 18m coax cables

POE Switch

PE04-60

- 4 *10/100BaseT RJ45 Ports (Support PoE)
- 2* 10/100 Mbps Uplink Ports
- Max PoE power output 30W for each port
- IEEE 802.3af, IEEE802.3at POE Standards

PE08-120

- 8 *10/100BaseT RJ45 Ports (Support PoE)
- 2* 10/100 Mbps Uplink Ports
- Max PoE power output 30W for each port
- IEEE 802.3af, IEEE802.3at POE Standards

PE16-180

- 16*10/100BaseT RJ45 Ports (Support PoE)
- 2*Sets of 10/100/1000M Gigabit Combo Ports
- Total power budget is 250W, max PoE power output is 30W
- IEEE802.1Q VLAN, OoS, ACL, Spanning Tree and Multicast

PE24-240

- 24*10/100BaseT RJ45 Ports (Support PoE)
- 2*Sets of 10/100/1000M Gigabit Combo Ports
- Total power budget is 400W, max PoE power output is 30W
- IEEE802.1Q VLAN, OoS, ACL, Spanning Tree and Multicast

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Accessories

ZK-DM-U0H3-HT4C64

- 4 channel 4K HDMI2.0 Network Decoder
- 4ch 4K@30fps/9ch 3MP@30fps/16ch 1080P@30fps 36ch 720P@30fps/64ch 960H@30fps decoding ability
- Supports H.265/ H.264 video stream formats, 1U Casing
- 5x HDMI output: 1 HDMI Sync Output + 4 HDMI Split Output
- 1/4/9/16/36/64 display split
- 2*2 Screen Spanning Mode
- 1 pair RAC jack, Two-way Audio
- Onvif streaming input
- Remote playback decoding
- CMS/VMS remote control

DV3.9x11SR4A-SA1L

- Fujinon C lens,11-43mm, F1.5, 1/1.8", 8MP,
- Manual Zoom&Focus, Auto Iris.

YT3011-3MP

- CS lens, 3.6-11mm, F1.5,1/1.8",3MP,
- Manual Zoom&Focus, Auto Iris.

ZJ003

- Fit for FI320 / FI330 wall mount bracket.

	Mount	Waterproof Junction box
	Pictures	
BS-K, BS-B, ES-H, BL-L, EI-I	Model	GB01

Mount	Corner Mount	
Pictures		
Model	GB01+MT03	GB01+MT04

	Mount	Corner Mount	Pole Mount
	Pictures		
EZ IP PTZ series PS-F / EZ IP PTZ series PL-E EZ IP PTZ series PL-G	Model	MT01	MT02

	Mount	Pendant Bracket
	Pictures	
EZ IP PTZ series PL-E EZ IP PTZ series PL-G	Model	PB01

	Mount	Pendant Bracket
	Pictures	
EZ IP PTZ series PS-F	Model	PB02

	Mount	Pendant Bracket
	Pictures	
Analog PTZ series PS-J	Model	PB04

	Mount	Pendant Bracket	Pole Mount	Corner Mount
	Pictures			
Analog PTZ series PL-D	Model	PB05	MT05	MT06

Network Cable				
Model	XL500-CPR	XL500-UL	XL600-CPR	XL600-UL
Picture				
Description	CAT 5e, 305m, 4*2*0.50, OFC , OD5.0mm, CPR Dimension: 352mm*353mm*220mm, 10KG	CAT 5e, 305m, 4*2*0.50, OFC , OD5.0mm, UL. Dimension: 352mm*353mm*220mm, 10KG	CAT6, 305m, 4*2*0.56, OFC , OD6.0mm, CPR Dimension: 380mm*380mm*245mm, 14KG	CAT6, 305m, 4*2*0.56, OFC , OD6.0mm, UL Dimension: 380mm*380mm*245mm, 14KG

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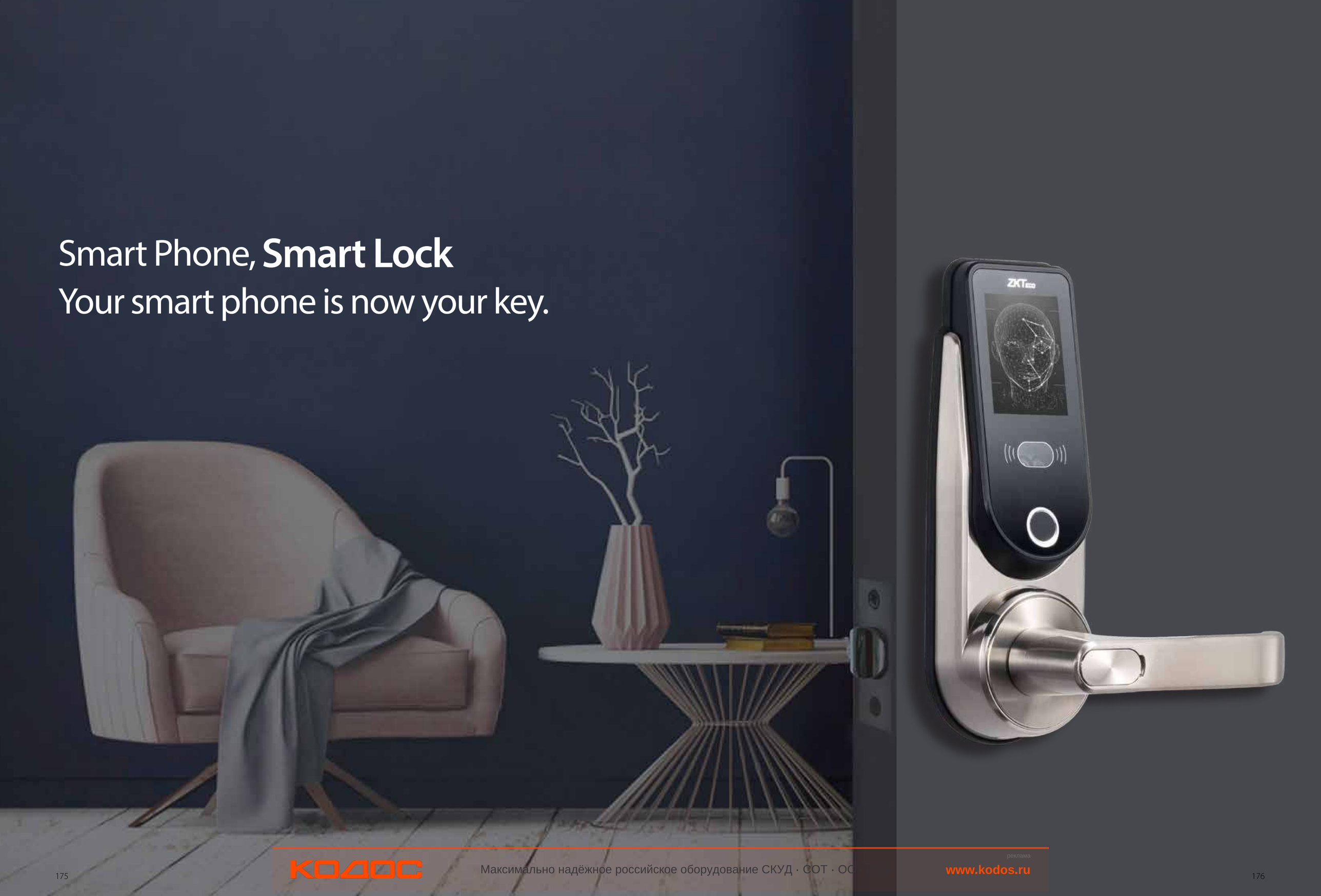
Smart Phone, **Smart Lock**

Your smart phone is now your key.



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Bluetooth Locks

HBL100B / HBL200B (F03020024 / F03020026)

Features:

- ZKTeco Face Algorithm V7.0, Verification Speed< 1s
- 2.8 Inches Capacitive Screen with Graphical User Interface
- All normal users (other than admin) will be locked out
- Supports Bluetooth for ZK SmartKey
- Low Battery Warning & Illegal Operation Record
- Fit for All Door Open Direction

Material	Zinc Alloy	User Capacity	100
Mortise	American Standard Single Latch German Standard Mortise (optional)	Power Supply	Rechargeable Lithium Battery 8×AA Alkaline Battery (optional)
Communication	BLE4.0	Door Thickness	30-60mm (Standard)
Card Reader	Mifare Card Supported	Temperature	-20 ℃—+55 ℃
Fingerprint Sensor	Semi-conductor (Silicon) (Only for HBL100)	Dimensions	Front: 86(W)×236(L)×37(D)mm Back: 84(W)×236(L)×38(D)mm

AL30B/AL40B (F03040049 / F03040050)

Features:

- Full automatic American standard deadbolt mortise
- Multi-language selection, support English / Spanish / Portuguese
- Automatic locking and unlocking
- Enhanced security by double lock mode

Material	Zinc Alloy	Communication	Bluetooth
Mortise	American Deadbolt	Standard Functions	Fingerprint/Passcode/Card/ Phone/Key
Passcode Capacity	100	Fingerprint Capacity	100
MF Card Capacity	100	Power Supply	4*AA Alkaline Battery
Logs Capacity	500	Door Thickness	35-53 mm

AL10B/AL10DB (F03040035/F03040037)

Features:

- American standard single latch with adjustable backset (AL10B)
- German standard mortise with one deadbolt and one latch (AL10DB)
- Multi-language selection, support English and Spanish / Portuguese
- Enhanced security by double lock mode
- Voice volume is adjustable, including mute mode
- Low battery warning & illegal operation warning
- Enhanced security by random password for code access

Material	Zinc Alloy	Communication	Bluetooth
Mortise	American Standard Mortise/ German Double Latch Mortise	Standard Functions	Passcode/Card/Phone/Key
Passcode Capacity	100	Power Supply	4*AA Alkaline Battery
MF Card Capacity	100	Door Thickness	30-54 mm

AL20B/AL20DB (F03040036/F03040038)

Features:

- American standard single latch with adjustable backset (AL20B)
- German standard mortise with one deadbolt and one latch (AL20DB)
- Multi-language selection, support English and Spanish/Portuguese
- Enhanced security by double lock mode
- Voice volume is adjustable, including mute mode
- Low battery warning & illegal operation warning
- Enhanced security by random password for code access

Material	Zinc Alloy	Communication	Bluetooth
Mortise	American Standard Mortise/ German Double Latch Mortise	Standard Functions	Fingerprint/Passcode/Phone/Key
Passcode Capacity	100	Power Supply	4*AA Alkaline Battery
Fingerprint Capacity	100	Door Thickness	30-54 mm

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DL30B/DL30DB (F03040023/F03040026)

Features:

- Various access for your convenience - card/pin/key/mobile phone
- DIY design to provide easy installation
- Reversible design to accommodate all door open directions
- External terminals to draw back-up power from a 9V battery
- Smart alarm for low battery and illegal operation
- German standard mortise with double latch

Material	Zinc Alloy	**Communication**	Bluetooth
Mortise	American Standard Mortise/ German Double Latch Mortise	**Standard Functions**	Passcode/Card/Phone/Key
Passcode Capacity	100	**Power Supply**	4*AA Alkaline Battery
Card Capacity	100	**Door Thickness**	30-54 mm

TL400B (F03040015)

Features:

- Various access for your convenience - card/pin/key/ mobile phone/fingerprint
- Bluetooth low energy technology 4.0
- Vioce guidance for easy operation
- External terminals to draw back-up power from a 9V battery
- Smart alarm for low battery and illegal operation
- European standard mortise with 5 latches, which can lock the door automatically once the door is closed

Material	Zinc Alloy	**Communication**	Bluetooth
Mortise	European Standard Mortise	**Standard Functions**	Fingerprint/Passcode/Card/Phone/Key
Passcode Capacity	100	**Power Supply**	4*AA Alkaline Battery
Card Capacity	100	**Door thickness**	35-54 mm
Fingerprint Capacity	100		

TL300B (F03040055)

Features:

- Fast verification speed for dry and rough finger
- Supports Bluetooth for ZK Smartkey
- Easy to operate, support English, Spanish and Portuguese
- All normal users (other than admin) will be locked out
- New hardware design supports about 3 years of use
- Fit for All Door Open Direction

Material	Zinc Alloy	**Language**	English / Spanish / Portuguese
Mortise	China Standard Anti-theft Mortise	**Power Supply**	8xAA Alkaline Battery (Not Suppiled)
User Capacity	100	**Door Thickness**	38-60mm (Standard)
Fingerprint Sensor	Semi-conductor (Silicon)	**Dimensions**	Front: 78 (W)x340(L)x31(D)mm Back: 78 (W)x340(L)x27(D)mm
Card Reader	Mifare Card Supported	**Color Options**	Dull Nickel / Black
Communication	BLE4.0		

ML10B / PL10B (F03040001/F03010083)

Features:

- **Material:** Zinc alloy (ML10B) / Rugged ABS (PL10B)
- **Mortise:** American standard mortise/german double latch mortise
- **User Capacity:** Admin-10, normal user-60, temporary user-20
- **Communication:** Bluetooth
- **Standard Functions:** Support fingerprint/card/phone/key; 125khz ID card reader is optional
- **Power Supply:** 4*AA Alkaline battery
- **Door Thickness:** 30-54 mm

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Wireless Locks

HBL100Z/HBL200Z (F03020025/F03020027)

Features:

- ZKTeco Face Algorithm V7.0, Verification Speed< 1s
- 2.8 Inches Capacitive Screen with Graphical User Interface
- All normal users (other than admin) will be locked out
- Supports Zigbee for Alexa
- Low Battery Warning & Illegal Operation Record
- Fit for All Door Open Direction

Material	Zinc Alloy	User Capacity	100
Mortise	American Standard Single Latch German Standard Mortise (Optional)	Power Supply	Rechargeable Lithium Battery 8×AA Alkaline Battery (Optional)
Communication	ZigBee	Temperature	-20 ℃—+55 ℃
Card Reader	Mifare Card Supported	Door Thickness	30-60 mm
Fingerprint Sensor	Semi-conductor (Silicon) (Only for HBL100)	Dimensions	Front: 86(W)×236(L)×37(D)mm Back: 84(W)×236(L)×38(D)mm

AL30Z/AL40Z (F03070005/F03070006)

Features:

- Full automatic American standard deadbolt mortise
- Multi-language selection, support English / Spanish / Portuguese
- Automatic locking and unlocking
- Enhanced security by double lock mode
- Unlock & lock via echo plus

Material	Zinc Alloy	Communication	Zigbee
Mortise	American Deadbolt	Standard Functions	Passcode/Card/Phone/Key
Passcode Capacity	100	Optional Functions	Remote Control
MF Card Capacity	100	Power Supply	4*AA Alkaline Battery
Logs Capacity	500	Door Thickness	35-53 mm

DL30Z (F03040062)

Features:

- Remote Access: Manage the door lock from anywhere via ZSmart App
- Voice Guide: Easy to operate, support English, Spanish and Portuguese
- Smart Alarm: Low Battery Warning & Illegal Operation Record
- Reversible Design: Fit for All Door Open Direction

Material	Zinc Alloy + ABS	Language	English / Spanish / Portuguese
Mortise	American Standard Single Latch German Standard Mortise (Optional)	Power Supply	4×AA Alkaline Battery (Not Supplied)
Card Reader	Mifare Card Supported	Door Thickness	30-54mm (Standard)
Communication	ZigBee	Dimensions	Front: 69(W)×155(L)×35(D)mm Back: 69(W)×155(L)×25(D)mm
User Capacity	100	Color Options	Silver

Standalone Locks

ZM100 (F03020014)

Features:

- Various access for your convenience - face/fingerprint/card/password/key
- Rechargable lithium battery
- SilkID fingerprint sensor
- 2.8 inch capacitive screen
- Reversible design to accommodate all door open directions
- Idle handle design to prevent from forcible entry
- External terminals to draw back-up power from a 9V battery
- Smart alarm for low battery and illegal operation
- Rugged anti-theft mortise with 304 stainless steel material

Material	Zinc Alloy	Fingerprint Capacity	100
Mortise	China Standard Anti-theft Mortise	Standard Functions	Face / Fingerprint / Password / Card / Key
Passcode Capacity	100	Power Supply	Rechargeable Lithium Battery
MF Card Capacity	100	Door Thickness	38-65 mm
Face Capacity	100		

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L5000 (F03010025)

Features:

- **Material:** Zinc alloy
- **Mortise:** European standard
- **Fingerprint Capacity:** 500
- **Passcode Capacity:** 100
- **Standard Functions:** Support passcode/key; OLED display screen with visual menu; query door open logs
- **Power Supply:** 4*AA Alkaline battery
- **Door Thickness:** 35-54 mm

Hotel Locks

LH1000 (F03030001)

Specification:

- **Mortise Type:** Amercian standard
- **Material:** Stainless steel
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF cards
- **Encoder:** CR60W (Sold separately)
- **Software:** ZKBiolock hotel lock system/ZKBioSecurity
- **Color Options:** Silver
- **Power Supply:** 4*AA Alkaline battery (not supplied)
- **Door Thickness:** 35-54 mm

LH3000 (F03030016)

Specification:

- **Mortise Type:** Amercian standard
- **Material:** Stainless steel
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF Cards
- **Encoder:** CR60W (Sold separately)
- **Software:** ZKBiolock hotel lock system/ZKBioSecurity
- **Color Options:** Silver
- **Power Supply:** 4*AA Alkaline battery (not supplied)
- **Door Thickness:** 35-54 mm

LH3600 (F03030015)

Specification:

- **Mortise Type:** American standard mortise with 5 latches
- **Material:** Zinc alloy (front); ABS plastic (back)
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF cards
- **Encoder:** CR60W (Sold separately)
- **Software:** ZKBiolock hotel lock system/ZKBioSecurity
- **Color Options:** Silver
- **Power Supply:** 4*AA Alkaline battery (not supplied)
- **Door Thickness:** 35-55 mm

LH4000 (F03030009)

Specification:

- **Mortise Type:** Amercian standard
- **Material:** Zinc alloy
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF Cards
- **Encoder:** CR60W (Sold separately)
- **Software:** ZKBiolock hotel lock system/ZKBioSecurity
- **Color Options:** Champagne gold
- **Power Supply:** 4*AA Alkaline battery (not supplied)
- **Door Thickness:** 35-54 mm

LH5000 (F03030012)

Specification:

- **Mortise Type:** Amercian standard
- **Material:** Zinc alloy
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF cards
- **Encoder:** CR60W (Sold separately)
- **Software:** ZKBiolock hotel lock system/ZKBioSecurity
- **Color Options:** Champagne gold
- **Power Supply:** 4*AA Alkaline battery (not supplied)
- **Door Thickness:** 35-54 mm

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LH6000 (F03030019)

Compatible with ZKBioSecurity

Features:

- American standard with 5 latches
- Professional and free hotel lock management software
- Open records for the latest lock transactions
- Enhanced security by double lock mode
- With advanced 13.56MHz MF card technology

Mortise type	Amercian Standard	Software	ZKBiolock Hotel Lock System/ ZKBioSecurity
Material	Zinc alloy	Color Options	Silver
Card Type	ISO14443 Type-A, S70 4KB/S50 1KB MF Cards	Power Supply	4*AA Alkaline Battery (Not Supplied)
Encoder	CR60W (Sold Separately)	Door Thickness	35-54 mm

LH6500 (F03030022)

Compatible with ZKBioSecurity

Features:

- American standard with 5 latches
- Professional and free hotel lock management software
- Open records for the latest lock transactions
- Enhanced security by double lock mode
- With advanced 13.56MHz MF card technology

Mortise type	Amercian Standard	Software	ZKBiolock Hotel Lock System/ ZKBioSecurity
Material	Zinc Alloy	Color Options	Black
Card Type	ISO14443 Type-A, S70 4KB/S50 1KB MF cards	Power Supply	4*AA Alkaline Battery (Not Supplied)
Encoder	CR60W (Sold Separately)	Door Thickness	40-50 mm

LH6800 (F03030021)

Compatible with ZKBioSecurity

Features:

- Minimalist design
- American standard with 5 latches
- Professional and free hotel lock management software
- Open records for the latest open events
- Enhanced security by double lock mode
- With advanced 13.56MHz MF card technology

Mortise type	Amercian Standard	Software	ZKBiolock Hotel Lock System/ ZKBioSecurity
Material	Zinc Alloy	Color Options	Silver
Card Type	ISO14443 Type-A, S70 4KB/S50 1KB MF cards	Power Supply	4*AA Alkaline Battery (Not Supplied)
Encoder	CR60W (Sold Separately)	Door Thickness	35-45mm

LH7500 (F03030027)

Compatible with ZKBioSecurity

Features:

- European standard mortise
- Professional and free hotel lock management software
- Open records for the latest lock transactions
- Enhanced security by double lock mode
- With advanced 13.56MHz MF card technology

Mortise type	European Standard Mortise	Software	ZKBiolock Hotel Lock System/ ZKBioSecurity
Material	Zinc Alloy	Color Options	Black
Card Type	ISO14443 Type-A, S70 4KB/S50 1KB MF Cards	Power Supply	4*AA Alkaline Battery (Not Supplied)
Encoder	CR60W (Sold Separately)	Door Thickness	38-48mm

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ZL400 (F03030029)

Compatible with ZKBioSecurity

Features:

- ZigBee communication with simple gateway
- With professional all-in-one solution software
- Support real-time remote control
- With advanced 13.56 Mhz Mifare card technology
- With warning beeps in low battery voltage
- American standard mortise with 5 latches

Material	Zinc Alloy
Software	ZKBiosecurity 3.1.5.0 Customized Version
Door Thickness	35-55 mm
Card Type	ISO14443 (RFID) Type-A S50 1KB / S70 4KB

Accessories

Encoder CR60W
(T04010018)

- Write & Read Card
- ZKBioSecurity Software compatible

Energy Saving Switch
(T04010016/T04010017)

- 85V - 264V
- Delay Time 30 Seconds
- 30A

D147-H (X00603035)
Encoder

RG4100+ (A34220036)
Gateway

Other Locks

GL300 (X01606009)

Glass Door Lock

- Fingerprint; MF; Password
- Door Type: single door / double door

Padlock (X00402008/X00402009)

Smart Fingerprint Padlock

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POS

With advantages in own supply chain system and production quality, through the integration of advanced product resources, market resources and technical resources, we are leading the renovation of the traditional cashier industry.

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POS Terminals

ZKBio910 (X02001172)

- **Processor:** Intel® Celeron® J1900 Quad-Core processor (2.0 GHz)
- **System Memory:** 4GB Standard, DDR3L 1333MHz
- **Storage Device:** 64GB SSD Standard, 1*2.5" HDD & 2.5" SSD
- **OS Supported:** Windows 7, Windows 8, Windows 10 IoT Enterprise,
- POS Ready 7, Linux
- **Audio:** Realtek ALC662
- **Type:** 15" TFTLCD, LED Backlight
- **Resolution:** 1024×768
- **Touch Screen:** Projected Capacitive Touch Screen
- **Customer Display:** LED (8C digital tube)
- **Optional:** Facial or Fingerprint Module, MSR,VFD, 10.1" 2nd LCD Display
- **Model Name:** ZKBio910, ZKBio930, ZKBio950

ZKBio810 (X02001143)

- **Processor:** Intel® Celeron® J1900 Quad-Core processor (2.0 GHz)
- **System Memory:** 4GB Standard, DDR3L 1333MHz (Max.8GB)
- **Storage Device:** 64GB Msata SSD Standard,1*2.5" HDD / 2.5" SSD
- **OS:** Windows 7,Windows 8, Windows 10 IoT Enterprise, POS Ready 7,Linux
  Audio: Realtek ALC662
- **Type:** 15"TFT LCD, LED Backlight
- **Resolution:** 1024×768
- **Touch Screen:** Five-Wire Analog Resistive or Projected Capacitive
- **Customer Display:** LED(8C digital tube)
- **Optional:** Facial or Fingerprint Module, MSR,VFD, 10.1" 2nd LCD Display
- **Power Supply:** Adaptor 12V DC 5A

ZKBio910P

- **Processor:** Intel® Celeron® J1900 Quad-Core processor (2.0 GHz)
- **System Memory:** 2GB Standard, DDR3L 1333MHz
- **Storage Device:** 32GB SSD Standard, 1*2.5" HDD & 2.5" SSD
- **OS Supported:**
  Windows 7, Windows 8, Windows 10 IoT Enterprise, POS Ready 7, Linux
- **Type:** 15" TFTLCD, LED Backlight
- **Touch Screen:** Projected Capacitive Touch Screen
- **Standard:** Bulid-in 80mm thermal printer with ZKP8008
- **Optional:** MSR,VFD, 10.1" 2nd LCD Display
- **Model Name:** ZKBio910P, ZKBio930P, ZKBio950P

ZKBio610P

- **Processor:** Intel® Celeron® J1900 Quad-Core processor (2.0 GHz)
- **System Memory:** 2GB Standard, DDR3L 1333MHz
- **Storage Device:** 32GB SSD Standard, 1*2.5" HDD & 2.5" SSD
- **OS Supported:** Windows 7, Windows 8, Windows 10 IoT Enterprise, POS Ready 7, Linux
- **Type:** 15" TFTLCD, LED Backlight
- **Touch Screen:** Projected Capacitive Touch Screen
- **Standard:** Bulid-in 80mm thermal printer with ZKP8008
- **Optional:** MSR,VFD, 12.1" 2nd LCD Display
- **Model Name:** ZKBio610P, ZKBio630P, ZKBio650P

ZKBio610

- **Processor:** Intel® Celeron® J1900 Quad-Core processor (2.0 GHz)
- **System Memory:** 2GB Standard, DDR3L 1333MHz (Max.8GB)
- **Storage Device:** 32GB SSD Standard,1*2.5" HDD&2.5" Mini SSD
- **OS Supported:** Windows 7/8, Windows 10 IoT Enterprise, POS Ready 7,Linux
- **Display:** 15"Five-Wire Analog Resistive or Projected Capacitive
- **Customer Display:** LED (8C digital tube)
- **Optional:** MSR,VFD,15" 2nd LCD Display,fingerprint reader
- **Resolution:** 1024×768
- **Model Name:** ZKBio610, ZKBio630, ZKBio650

Android POS Terminal with Built-in 58mm Thermal Printer

ZKAIO1000(X02001161)

- **CPU:** ARM Cortex-A53
- **RAM:** 1GB(Optional 2GB)
- **OS:** Android 6.0/ Linux
- **Display Type:** 11.6"TFT LCD
- **Display Resolution:** 1366x768 Pixel
- **Touch screen:** Multi-point projected capacitive touch screen
- **Internal memory:** 4GB Flash Memory (Optional 8GB)
- **Built-in Printer:** 58mm thermal printer with 90mm/s Speed

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Android Tablet POS

ZKAIO1500 (X02001179)

- **CPU:** All-Chi A64 quad-core processor, Clocked 1.6G
- **RAM:** 1GB (Optional 2GB)
- **OS:** Android 6.1/ Linux
- **Display Type:** 10.1" TFT LCD
- **Display Resolution:** 1280*800 pixels (16:10)
- **Touch Screen:** Capacitance Touch
- **Internal Memory:** 8GB Flash Memory
- **Viewing Size:** 222.72(W)*125.28(H)mm

Biometric Kiosk POS

ZKKIO Series (X02007004)

- **Processor:** RK3288 Quad Core Cortex-A17 GPU Mail-T764
- **Memory:** DDR3 2G
- **Storage:** 8GB
- **OS Support:** Android 7.1
- **WiFi:** 2.4G supports IEEE 802.11b/g/n
- **Bluetooth:** Supports Bluetooth 4.0
- **Built-in Printer:** Built in 58/80mm thermal printer
- **Touch:** 21.5/32"PCAP touch with multi-touch support
- **Resolution:** 1920*1080
- **Model Name:** ZKKIO2100, ZKAIO3200

Smart Handheld POS

ZKH200 (X02008001)

- **CPU:** MTK MT6580 Quad-core Cortex-A7 1.3GHz
- **OS:** Android 6.0
- **RAM:** 1GB DDR3
- **Flash:** 8GB Nand Flash
- **LCD Screen:** 5.5" HD Screen, Highest Resolution 1280 x 720
- **WiFi:** WiFi 802.11 b/g/n
- **Bluetooth:** Bluetooth 4.0
- **Built-in Printer:** Built in 58mm thermal printer
- **NFC:** Support Type A and B card

Peripherals

Thermal Receipt Printer

ZKP8008 (X02005022)

- **Print Method:** Direct Thermal Line Printing
- **Print Speed:** 220mm/sec
- **Print Command:** Compatible with ESC / POS
- **Paper Type:** Thermal Receipt Paper
- **Optional:** USB
- **Paper Cutter:** Auto Cutter: Full or Partial Cut
- **Temperature:** 5-45°C
- **Contrast Humidity:** 10%-80%RH

ZKP5801 (A34010756)

- Direct Thermal Line Printing
- 90mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

ZKP5808 (X03401259)

- Portable Thermal Receipt Printer
- 90mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

ZKP8001 (A34190033)

- Auto Cutter Direct Thermal Line Printing
- 300mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

ZKP8002 (A34190034)

- Auto Cutter Direct Thermal Line Printing
- 300mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

ZKP8003 (X02301003)

- Portable Thermal Receipt Printer
- 90mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

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ZKP8004 (X02302001)

- Portable Label Printer
- 60mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

ZKP8005 (A34200026)

- Wall-mounted thermal printer
- Auto Cutter Direct Thermal Line Printing
- 300mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

ZKP8006 (X02302002)

- Desktop Label Printer
- 160mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

Touch Monitor

ZKD15 Series (A34190020)

- 15" TFT LCD Panel
- 5 wires touch screen
- 12V 3A
- Support VGA input format
- Foldable Touch Monitor
- Model:ZKD1502, ZKD1503

ZKD17 Series (A34190026)

- 17" TFT LCD Panel
- 5 wires touch screen
- 12V 3A
- Support VGA input format
- Foldable Touch Monitor
- Model:ZKD1702, ZKD1703

Cash Drawers

ZKC0408 (X03401107)

- With 4 Bills, 8 Coins
- Equipped with 1 Check Slots, 3 Position Lock

ZKC0508 (X03401116)

- With 5 Bills, 8 Coins
- Equipped with 1 Check Slots, 3 Position Lock

Barcode Scanners

ZKB104 (X02004007)

- 1D barcode scanner
- 650nm laser diode
- Provides RS232+USB interface

ZKB105 (X03401139)

- 1D barcode scanner
- LED (635nm)
- Provides RS232+USB interface

ZKB106 (X03401324)

- 1D Wireless barcode scanner
- 650 nm visible laser
- Provides USB interface

ZKB107 (X03401143)

- 1D Wireless barcode scanner
- Provides RS232+USB interface
- 32-bit dual-chip decoding CPU

ZKB108 (X03401145)

- 1D Wireless barcode scanner
- 650 nm visible laser
- Provides USB interface

ZKB200 (X02004001)

- 2D Hand-held Barcode Scanner
- Provides RS232+USB interface

ZKB203 (X03401142)

- 2D Wireless Barcode Scanner
- Provides RS232+USB interface

ZKB204 (X03401144)

- 2D Barcode Scanning Platform
- Provides RS232+USB interface

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ECO

Eco-products are one of the business of ZKTeco.
With hybrid bio-identification as the core, we focus on our products and strive to create an eco-product system that provides customers with one-stop product procurement and services, including OA/ time management products, security inspection products, security products, entrance control products, biometrics products, video surveillance, peripheral products and more.

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Eco Products-Video Door Phones

VDPI-A1 (indoor)

X00604003(ZKTeco brand)(CE)
X00604007(ZKTeco brand)(BS)
X00604008(ZKTeco brand)(UL)
X00604019(Blank brand)(CE)
X00604020(Blank brand)(BS)
X00604021(Blank brand)(UL)

- **Display:** 4.3 inch digital LCD
- **Connection:** 4 wire (power, video, audio, grounding)
- **Power Supply:** 15V DC
- **Power Comsumption (Working Mode):** 7W (Max.), 1.5W (stand by)
- **Audio:** 300mVp-p (1KHz, 300Ω)
- **Audio Distortion:** ≤3%
- **Video:** 1Vp-p 75Ω (input)
- **Working Temperature:** 0°C to +40°C
- **Storage Temperature:** -30°C to +60°C
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5) 100m (RVV3*0.5+SYV75-3)

VDPI-A2 (indoor)

X00604004(ZKTeco brand)(CE)
X00604009(ZKTeco brand)(BS)
X00604010(ZKTeco brand)(UL)
X00604022(Blank brand)(CE)
X00604023(Blank brand)(BS)
X00604024(Blank brand)(UL)

- **Display:** 4.3 inch digital LCD (800*480)
- **Connection:** 4 wire (power, video, audio, grounding)
- **Power Supply:** 15V DC
- **Power Comsumption (Working Mode):** 9W (ax.), 1.5W (stand by)
- **Audio:** 300mVp-p (1KHz, 300Ω)
- **Audio Distortion:** ≤3%
- **Video:** 1Vp-p 75Ω (input)
- **Working Temperature:** 0°C to +40°C
- **Storage Temperature:** -30°C to +60°C
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5) 100m (RVV3*0.5+SYV75-3)

VDPI-B1 (indoor)

X00604005(ZKTeco brand)(CE)
X00604011(ZKTeco brand)(BS)
X00604012(ZKTeco brand)(UL)
X00604025(Blank brand)(CE)
X00604026(Blank brand)(BS)
X00604027(Blank brand)(UL)

- **Display:** 7 inch digital LCD (800*480)
- **Connection:** 4 wire (power, video, audio, grounding)
- **Power Supply:** 13.5V DC
- **Power Comsumption (Working Mode):** 7W (ax.), 1W (stand by)
- **Audio Distortion:** ≤3%
- **Video:** 1Vp-p 75Ω (input)
- **Working Temperature:** 0°C to +50°C
- **Storage Temperature:** -20°C to +70°C
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5) 100m (RVV3*0.5+SYV75-3)

VDPI-B2 (indoor)

X00604006(ZKTeco brand)(CE)
X00604013(ZKTeco brand)(BS)
X00604014(ZKTeco brand)(UL)
X00604028(Blank brand)(CE)
X00604029(Blank brand)(BS)
X00604030(Blank brand)(UL)

- **Display:** 7 inch digital LCD (800*480)
- **Connection:** 4 wire (power, video, audio, grounding)
- **Power Supply:** 15V DC
- **Power Comsumption (Working Mode):** 9W (ax.), 1.5W (stand by)
- **Audio Distortion:** ≤3%
- **Video:** 1Vp-p 75Ω (input)
- **Working Temperature:** 0°C to +40°C
- **Storage Temperature:** -30°C to +60°C
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5) 100m (RVV3*0.5+SYV75-3)

VDP01 (outdoor)

X00604001(ZKTeco brand)
X00604017(Blank brand)

- **Camera:** 1/4 inch CMOS color, 700TVL
- **Material:** Aluminium alloy+stainless steel/PC
- **Viewing Angle:** 110°
- **Night Vision:** LED white light
- **Minimum Illumination:** 0 LUX (0.5 meter)
- **Water Proof:** IP66
- **Power Supply:** DC 11V-13V
- **Power Comsumption (working mode):** 2.5W (ax.), 1W (stand by)
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5) 100m (RVV3*0.5+SYV75-3)
- **Installation:** Surface mount
- **Dimension:** 133.2*48*15.5mm
- **Working Temperature:** -25°C to +60°C
- **Storage Temperature:** -30°C to +60°C

VDP02 (outdoor)

X00604002(ZKTeco brand)
X00604018(Blank brand)

- **Camera:** 1/4 inch CMOS color, 700TVL
- **Material:** Metal
- **Viewing Angle:** 53°
- **Night Vision:** LED white light
- **Minimum Illumination:** 0 LUX (0.5 meter)
- **Water Proof:** IP44
- **Power Supply:** DC 11V-13V
- **Power Comsumption (Working Mode):** 2.5W (ax.), 1W (stand by)
- **Distance (Indoor to Outdoor):** 60m (RVV4x0.5) 100m (RVV3*0.5+SYV75-3)
- **Installation:** Surface mount
- **Dimension:** 160*48*29mm
- **Working Temperature:** -25°C to +60°C
- **Storage Temperature:** -30°C to +60°C

Eco Products-Electromagnetic Locks

LM-1802 X01601007 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 170L*38.5W*21H mm
- **Armature Plate dimensions:** 130L*33W*11H mm
- **Holding Force:** 180Kg (350Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10~+55°C (14-131F)
- **No LED, 2 Wires:** Power (+/-)
- **Weight:** 1.07kg

LM-1805 X01601008 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 170L*38.5W*21H mm
- **Armature Plate Dimensions:** 130L*33W*11H mm
- **Holding Force:** 180Kg (350Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10~+55°C (14-131F)
- **No LED, 5 Wires:** Power (+/-), Door Sensor (NO/NC/COM)
- **Weight:** 1.07kg

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LM-2802 X01601009 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 250L*47W*25.5H mm
- **Armature Plate Dimensions:** 180L*38W*11H mm
- **Holding Force:** 280Kg (600Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20℃
- **Operating Temp:** -10~+55℃ (14-131F)
- **With LED Power Light, 2 Wires:** Power (+/-)
- **Weight:** 1.9kg

LM-2805 X01601010 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 250L*47W*25.5H mm
- **Armature Plate Dimensions:** 180L*38W*11H mm
- **Holding Force:** 280Kg (600Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20℃
- **Operating Temp:** -10~+55℃ (14-131F)
- **With LED Working State Light, 5 Wires:** Power (+/-), Door Sensor (NO/NC/COM)
- **Weight:** 2.0kg

LM-3502 X01601011 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 246L*56.5W*27.5H mm
- **Armature Plate Dimensions:** 158L*43W*11H mm
- **Holding Force:** 350Kg (800Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20℃
- **Operating Temp:** -10~+55℃ (14-131F)
- **With LED Power Light, 2 Wires:** Power (+/-)
- **Weight:** 2.16kg

LM-3505 X01602005 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 246L*56.5W*27.5H mm
- **Armature Plate Dimensions:** 158L*43W*11H mm
- **Holding Force:** 350Kg (800Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20℃
- **Operating Temp:** -10~+55℃ (14-131F)
- **With LED Working State Light, 5 Wires:** Power (+/-), Door Sensor (NO/NC/COM)
- **Weight:** 2.16kg

LM-5002 X01601018 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 265L*74.7W*39H mm
- **Armature Plate Dimensions:** 185L*60W*16H mm
- **Holding Force:** 500Kg (1200Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20℃
- **Operating Temp:** -10~+55℃ (14-131F)
- **With LED Power Light, 2 Wires:** Power (+/-)
- **Weight:** 4.33kg

LM-5005 X01601020(ZKTeco Label)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 265L*74.7W*39H mm
- **Armature Plate Dimensions:** 185L*60W*14H mm
- **Holding Force:** 500Kg (1200Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20℃
- **Operating Temp:** -10~+55℃ (14-131F)
- **With LED Working State Light, 5 Wires:** Door Sensor (NO/NC/COM)
- **Weight:** 4.33kg

AL-180 X03401176

- **Working Mode:** Power-on to lock
- **Voltage:** DC12V input
- **Holding Force:** 150Kg
- **Weight:** 1.07kg
- **Size:** 166*21*41mm

AL-180M X03401151

- **Working Mode:** Power-on to lock
- **Voltage:** DC12V input
- **Holding Force:** 150Kg
- **Weight:** 1.07kg
- **Size:** 198*21*35mm

AL-180D X03401156

- **Working Mode:** Power-on to lock
- **Voltage:** DC12V input
- **Holding Force:** 150Kg*2
- **Weight:** 1.07kg
- **Size:** 332*21*41mm

AL-280 (LED)

X03401177

- **Working Mode:** Power-on to lock
- **Voltage:** DC12V input
- **Holding Force:** 270Kg
- **Weight:** 1.97kg
- **Size:** 253*25*48mm

AL-280D (LED)

X03401157

- **Working Mode:** Power-on to lock
- **Voltage:** DC12/24V input
- **Holding Force:** 270Kg*2
- **Weight:** 3.90kg
- **Size:** 506*25*48mm

AL-350 (LED)

X03401178

- **Working Mode:** Power-on to lock
- **Voltage:** DC12/24V input
- **Holding Force:** 300Kg
- **Weight:** 3.90kg
- **Size:** 253*28*55mm

AL-350D (LED)

X03401158

- **Working Mode:** Power-on to lock
- **Voltage:** DC12/24V input
- **Holding Force:** 300Kg*2
- **Weight:** 4.92kg
- **Size:** 506*28*55mm

AL-500D (LED)

X03401192

- **Working Mode:** Power-on to lock
- **Voltage:** DC12/24V input
- **Holding Force:** 500Kg*2
- **Weight:** 8.96kg
- **Size:** 560*38*70mm

Eco Products-Electric Cabinet Locks

AL-400 X03401232

- **Electric Lock For Storage Box**
- **Power Supply:** DC12V 0.2A
- **Dimension:** 54.5*41*28mm

PLL100

- **Electric Lock For Storage Box**
- **Material:** Nickel-plated Iron
  Specifications: 97.5*38*28 (include pull-tab)
  Voltage: DC12V(±10%)
  Current: 0.8A

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Eco Products-Electric Strike Locks

LB-12 X01602006 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Size:** 204L*35W*39H mm
- **Material Bolt:** SUS304 solid stainless steel bolt
- **Working Voltage:** DC12V-DC24V
- **Working Current:** 450mA
- **Holdind Force:** 1000Kg
- **Weight:** 0.7kg
- **2 Wires:** Power(+/-)
- **Concealed Installation**

LB-22 X01602007 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Size:** 205L*35W*39H mm
- **Material Bolt:** SUS304 solid stainless steel bolt
- **Working Voltage:** DC12V-DC24V
- **Working Current:** 450mA
- **Holdind Force:** 1000Kg
- **Weight:** 0.7kg
- **2 Wires:** Power (+/-) Support Time Delay: 0, 3, 6sec
- **Concealed installation**

LB-35 X01602008 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Size:** 205L*35W*39H mm
- **Material Bolt:** SUS304 solid stainless steel bolt
- **Working Voltage:** DC12V-DC24V
- **Working Current:** 450mA
- **Holdind Force:** 1000Kg
- **Weight:** 0.7kg
- **2 Wires:** Power (+/-), Exit Button (-), Door Sensor (NC/COM)
- **Concealed installation**

AL-130N0/NC
X03401221/X03401202

- **Working Mode:** Power-on to lock (NC), Power-off to lock (NO)
- **Size:** 150L*28W*35H mm
- **Working Voltage:** DC12V-DC24V
- **Working Current:** 240mA
- **Holdind Force:** 250Kg
- **Weight:** 0.37kg
- **5 Wires:** Power (+/-), Exit Button (-), Door Sensor (NC/COM)
- **Suitable For:** Wooden door

AL-131N0/NC
X03401207/X03401208

- **Working Mode:** Power-on to lock (NC), Power-off to lock (NO)
- **Size:** 150L*28W*35H mm
- **Working Voltage:** DC12V-DC24V
- **Holdind Force:** 250Kg
- **Weight:** 0.38kg
- **Suitable For:** Metal door
- **Working Current:** 240mA

AL-132N0/NC
X03401216/X03401217

- **Working Mode:** Power-on to lock (NC), Power-off to lock (NO)
- **Size:** 150L*28W*35H mm
- **Working Voltage:** DC12V-DC24V
- **Holdind Force:** 400Kg
- **Weight:** 0.41kg
- **Suitable For:** Metal door
- **Working Current:** 240mA

Eco Products-Electric Locks

LL-01 X01601014

- **Working Mode:** Power-on to lock (NC)
- **Size:** 129.8L*105.8W*39.2H mm
- **Working Voltage:** DC12V
- **Working Current:** 1.5-3A
- **Weight:** 1.46kg
- **Single Cyclinder, Roll Latch**

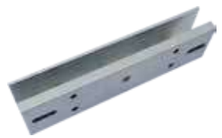
LL-02 X01601015

- **Working Mode:** Power-on to lock (NC)
- **Size:** 128L*96W*43H mm
- **Working Voltage:** DC12V
- **Working Current:** 350mA
- **Weight:** 1.5kg
- **Single Cyclinder, Roll Latch**

LL-03 X01601016

- **Working Mode:** Power-on to lock (NC), Support ID card unlock
- **Size:** 128L*96W*43H mm
- **Working Voltage:** DC12V
- **Working Current:** 350mA
- **Weight:** 1.6kg
- **Single Cyclinder, Roll Latch**

Eco Products-Electric Lock Brackets



LMB-180U X01603001

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 130*43*28 mm
- **Weight:** 0.32kg

LMB-180L X01603002

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 170*50*30 mm
- **Weight:** 0.3kg

LMB-180Z X01603003

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 130*50*50 mm
- **Weight:** 0.54kg

LMB-180ZL X01603004

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** LMB-180Z+LMB-180L
- **Weight:** 0.84kg

LMB-280U X01603005

- **Suitable For:** LM-2802, LM-2805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 180*43*28 mm
- **Weight:** 0.42kg

LMB-280L X01603006

- **Suitable For:** LM-2802, LM-2805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 250*50*30 mm
- **Weight:** 0.32kg

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LMB-280Z X01603007

- **Suitable For:** LM-2802, LM-2805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 180*50*50 mm
- **Weight:** 0.56kg

LMB-280ZL X01603008

- **Suitable For:** LM-2802, LM-2805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** LMB-280Z+LMB-280L
- **Weight:** 0.88kg

LMB-350U X01603009

- **Suitable For:** LM-3502, LM-3505
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 180*43*28 mm
- **Weight:** 0.42kg

LMB-350L X01603010

- **Suitable For:** LM-3502, LM-3505
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 158*50*50 mm
- **Weight:** 0.32kg

LMB-350Z X01603011

- **Suitable For:** LM-3502, LM-3505
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 158*50*50 mm
- **Weight:** 0.61kg

LMB-350ZL X01603012

- **Suitable For:** LM-3502, LM-3505
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** LMB-350Z+LMB-350L
- **Weight:** 0.93kg

LMB-500L X01601021

- **Suitable For:** LM-5002, LM-5005
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 266*92*51 mm
- **Weight:** 0.52kg

LMB-500Z X01601022

- **Suitable For:** LM-5002, LM-5005
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 185*70*60.5 mm
- **Weight:** 0.83kg

LMB-500ZL X01601023

- **Suitable For:** LM-3502, LM-3505
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** LMB-500Z+LMB-500L
- **Weight:** 1.35kg

LBB-2 X01603013

- **Suitable For:** LB-12, LB-22, LB-35
- **Opening Mode:** 180 degree door
- **Material:** anodized aluminum
- **Size:** 93L*49W*38H mm
- **Weight:** 0.35kg
- **Fully Frameless Glass Door:** Glass Thickness 10-15CM

UBB-1 X01603014

- **Suitable For:** LB-12, LB-22, LB-35
- **Opening Mode:** 180 degree door
- **Material:** anodized aluminum
- **Size:** 93L*49W*38H mm
- **Weight:** 0.72kg
- **Fully Frameless Glass Door:** Glass Thickness 12-15CM

AL-180PU/AL-280PU/AL-350PU

X03401179/X03401180/X03401168

- **Suitable For:** AL-180, AL-280, AL-180D, AL-280D, AL-350, AL-350D
- **Material:** anodized aluminum
- **To Install The Iron Plate On The Glass Door**

AL-180PL/AL-280PL/AL-350PL

X03401181/X03401182/X03401183

- **Suitable For:** AL-180, AL-280 (LED), AL-350 (LED)
- **Material:** anodized aluminum
- **To Install The Iron Plate On The Glass Door**

AL-180DPL/AL-280DPL/AL-350DPL

X03401172/X03401187/X03401171

- **Suitable For:** AL-180D, AL-280D (LED), AL-350D (LED)
- **Material:** anodized aluminum
- **To Install The Iron Plate On The Glass Door**

AL-180PZ/AL-280PZ/AL-350PZ

X03401184/X03401185/X03401186

- **Suitable For:** AL-180, AL-280 (LED), AL-350 (LED), AL-280D (LED), AL-350D (LED)
- **Material:** anodized aluminum
- **To Install The Iron Plate On The Glass Door**

Eco Products-Door Closers

DC4065 X01604001

- **Size:** 168L*63H*41.5Wmm
- **Door Weight:** 40KG-65KG
- **Door Width:** ≤950mm
- **Weight:** 1.27 Kg

DC6085 X01604002

- **Size:** 206L*68H*44.5Wmm
- **Door Weight:** 60KG~85KG
- **Door Width:** ≤1050mm
- **Weight:** 1.84 Kg

DC80120 X01604003

- **Size:** 226L*72H*44.5Wmm
- **Door Weight:** 80KG~120KG
- **Door Width:** ≤1200mm
- **Weight:** 1.99 Kg

(ZKTeco brand)

DC4065L X02118004

- **Size:** 182L*60.5H*40.5Wmm
- **Door Weight:** 40KG-65KG
- **Door Width:** ≤950mm
- **Weight:** 1.30 Kg

(ZKTeco brand)

DC6085L X01604005

- **Size:** 188L*70H*53.9Wmm
- **Door Weight:** 60KG~85KG
- **Door Width:** ≤1050mm
- **Weight:** 1.75 Kg

(ZKTeco brand)

DC80120L X01604006

- **Size:** 208L*74H*41.8Wmm
- **Door Weight:** 80KG~120KG
- **Door Width:** ≤1200mm
- **Weight:** 1.90 Kg

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Eco Products-Exit Buttons

EB1 X01501013

- **Wires:** NO/NC/COM
- **Size:** 70*14*20mm
- **Working Mode:** touch

EB2 X01501010

- **Wires:** NO/NC/COM, with Blue/Green Light
- **Size:** 86*50*21mm
- **Working Mode:** touch sensor

EB3 X01501011

- **Wires:** NO/NC/COM, with Blue/Green Light
- **Size:** 86*86*21mm
- **working Mode:** touch sensor

K08 X03401224

- **Wires:** NO/COM
- **Size:** 86L*86W*20T mm

TLEB101 X01501054

- **Wires:** NO/NC/COM relay output
- **Size:** 86L*86W mm
- **Working Mode:** Non-touch/ Touch free Exit sensor

TLEB102 X01501055

- **Wires:** NO/NC/COM relay output
- **Size:** 115L*70W mm
- **Working Mode:** Non-touch/ Touch free Exit sensor

EX800A X01501016

- **Wires:** NO/COM
- **Size:** 86L*50W*20T mm

EX800B X01501017

- **Wires:** NO/COM
- **Size:** 86L*86W*20T mm

EX-800BC X03401233

- **Wires:** NO/NC/COM
- **Size:** 86L*86W*20T mm

EX801A X01501018

- **Wires:** NO/COM
- **Size:** 91L*28W*20T mm

EX801B X01501019

- **Wires:** NO/COM
- **Size:** 86L*86W*20T mm

EX802 X01501015

- **Wires:** NO/COM
- **Size:** 86L*86W*20T mm

EX803A X02115001

- **Wires:** NO/COM
- **Size:** 68L*32W*25T mm

EX806B X01501022

- **Wires:** NO/NC/COM,with key
- **Size:** 90*90mm
- **working Mode:** with key

EB101 X01501048(ZKTeco Brand)

- **Wires:** NO/NC/COM1/ COM2/LED1/LED2
- **Size:** 115L*40W*28.6H mm
- **Working Mode:** DC 12-24V/5A

EB102 X01501049(ZKTeco Brand)

- **Wires:** NO/NC/COM1/ COM2/LED1/LED2
- **Size:** 115L*40W*28.6H mm
- **Working Mode:** DC 12-24V/5A

EB103-G X01501050(ZKTeco Brand)

- **Wires:** NO/NC/COM1/COM2
- **Size:** 115L*70W*35H mm
- **Working Mode:** DC 12-24V/5A

EB103-R X01501051(ZKTeco Brand)

- **Wires:** NO/NC/COM1/COM2
- **Size:** 115L*86W*38.5H mm
- **Working Mode:** DC 12-24V/5A

EB104-G X01501052(ZKTeco Brand)

- **Wires:** NO/NC/COM1/COM2
- **Size:** 86L*86W*38.5H mm
- **Working Mode:** DC 12-24V/5A

EB104-R X01501053(ZKTeco Brand)

- **Wires:** NO/NC/COM1/COM2
- **Size:** 86L*86W*38.5H mm
- **Working Mode:** DC 12-24V/5A

ED101 X01501039

- **Material:** Metal Material
- **Size:** 86L*86W*38Hmm
- **Working mode:** 86 standard box

ED102 X01501040

- **Material:** Metal Material
- **Size:** 115L*70W*31Hmm
- **Working mode:** Single gand box

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Eco Products-Power Supply

P1203-A1
X01701026(ZKTeco brand)

- **Operating Voltage:** Input:AC110V 60Hz,Output:DC12V
- **Operating Current:** Momentry Current:3A,Persistent Current:1.2A
- **Size:** 182*79*61mm
- **Weight:** 1.05 Kg

P1203-A2
X01701020 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentry Current: 3A, Persistent Current: 1.2A
- **Size:** 182*79*61mm
- **Weight:** 1.05 Kg

P1205-A2
X01701021 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentry Current: 5A, Persistent Current: 2A
- **Size:** 182*79*61mm
- **Weight:** 1.37 Kg

P1203-B1
X01701022 (ZKTeco brand)

- **Operating Voltage:** Input: AC110V 60Hz, Output: DC12V
- **Operating Current:** Momentry Current: 3A, Persistent Current: 1.2A
- **Size:** 212*168*71mm
- **Weight:** 1.51 Kg

P1203-B2
X01701023(ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentry Current: 3A, Persistent Current: 1.2A
- **Size:** 212*168*71mm
- **Weight:** 1.51 Kg

P1205-B1
X01701024 (ZKTeco brand)

- **Operating Voltage:** Input: AC110V 60Hz, Output:DC12V
- **Operating Current:** Momentry Current: 5A, Persistent Current: 2A
- **Size:** 212*168*71mm
- **Weight:** 1.81 Kg

P1205-B2
X01701025 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentry Current: 5A, Persistent Current: 2A
- **Size:** 212*168*71mm
- **Weight:** 1.82 Kg

PS901
X01701042(ZKTeco brand)

- **Operating Voltage:** Input:AC220V 50Hz,Output:DC12V
- **Operating Current:** Momentry Current:3A,Persistent Current:1.2A
- **Size:** 182*79*61mm
- **Weight:** 1.06 Kg

PS902
X01701043(ZKTeco brand)

- **Operating Voltage:** Input:AC220V 50Hz,Output:DC12V
- **Operating Current:** Momentry Current:5A,Persistent Current:2A
- **Size:** 182*79*61mm
- **Weight:** 1.37 Kg

PS901B/110V
X01701040(ZKTeco brand)

- **Operating Voltage:** Input:AC110V 60Hz,Output:DC12V
- **Operating Current:** Momentry Current:3A,Persistent Current:1.2A
- **Size:** 212*168*71mm
- **Weight:** 1.51 Kg

PS901B/220V
X01701038(ZKTeco brand)

- **Operating Voltage:** Input:AC220V 50Hz,Output:DC12V
- **Operating Current:** Momentry Current:3A,Persistent Current:1.2A
- **Size:** 212*168*71mm
- **Weight:** 1.51 Kg

PS902B/110V
X01701041(ZKTeco brand)

- **Operating Voltage:** Input:AC110V 60Hz,Output:DC12V
- **Operating Current:** Momentry Current:5A,Persistent Current:2A
- **Size:** 212*168*71mm
- **Weight:** 1.82 Kg

PS902B/220V
X01701039(ZKTeco brand)

- **Operating Voltage:** Input:AC220V 50Hz,Output:DC12V
- **Operating Current:** Momentry Current:5A,Persistent Current:2A
- **Size:** 212*168*71mm
- **Weight:** 1.82 Kg

Eco Products-Other Accessories

AS603 X03401269
- **Operating Voltage:** 12VDC

AS626 X03401270
- **Operating Voltage:** 12VDC

AS31 X03401273
- **Operating Distance:** 11-21mm
- **Switch Putput:** NC

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AS32 X03401271

- **Operating Distance:** 13-23mm
- **Switch Putput:** NC

AS36 X03401274

- **Operating Distance:** 30-50mm
- **Switch Putput:** NC

AS57 X03401272

- **Operating Distance:** 30-50mm
- **Switch Putput:** NC
- **Apply For:** Steel door

Door Loop X03401134

- **Size:** 60mm*φ13mm
- **Shape:** Corrugated pipe+ Squre port
- **Apply For:** Steel door

RM01 X03401174

- **The Driving Voltage:** DC 12V
- **Contact Capacity:** 10A 250VAC/10A 125VAC/10A 30VDC/10A 28VDC
- **Relay Output Module**

ZKABK-900A

X01501020(Green)
X01501021(Red)

- **Color:** Green
- **Apply For:** Emergency break glass

Eco Products-Patrol system

P10

X00610001 X00610004(UL)
X00610005(CE) X00610006(BS)

- **Lithium batteries:** 3.6V
- **Lighting lamp power:** 1W
- **Storage:** 60,000 records
- **Protection Level:** IP54
- **Size:** 215L*60H*165W

P20

X00610002 X00610007(UL)
X00610008(CE) X00610009(BS)

- **Lithium batteries:** 3.6V
- **Lighting lamp power:** 1W
- **Storage:** 60,000 records
- **Protection Level:** IP54
- **Size:** 215L*60H*165W

P30

X00610003 X00610010(UL)
X00610011(CE) X00610012(BS)

- **Lithium batteries:** 3.6V
- **Lighting lamp power:** 1W
- **Storage:** 60,000 records
- **Protection Level:** IP54
- **Size:** 215L*60H*165W
- **Time display:**only can show the time information

ZKLT-E

X00602015(ZKTeco brand)

- **Description:** ID card, TK4100D with code print
- **Size:** Φ30 mm
- **Meteral:** ABS

Eco Products-Card Printers

ZKCP100 X00206001

Accepted Card Size	CR-80 (53.98*85.6mm)
Accepted Card Thickness	0.25-1.00mm (10-40mil)
Accepted Card Type	PVC or polyester cards with polished PVC finish
Input Hopper Card Capacity	100 cards (0.76mm/30mil)
Output Hopper Card Capacity	50 cards (0.76mm/30mil)
Dimension (W*H*D)	198*204*354 mm/7.8*8.03*13.94 inch
Description	Capable Dual-sidedFull Color ID Card Printer: High efficiency and fast printing Compact and low noise: Card printing Capacity High Capacity input

Flip Module

X00206003

- **Apply For:** ZKCP100
- **Description:** Flipper module (For dual-sided printing)

Full Color Ribbon

X00206002

- **Apply For:** ZKCP100
- **Description:** Full YMCKO Ribbon, 400 prints Ribbon

Semi-Grid Ribbon

X00206012

- **Apply For:** ZKCP100
- **Description:** 1/2 panel YMCKO 560 prints Ribbon

Original Black Ribbon

X00206007

- **Apply For:** ZKCP100
- **Description:** Resin black 1000 prints Ribbon

Original White Ribbon

X00206009

- **Apply For:** ZKCP100
- **Description:** Resin white 1000 prints Ribbon

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Eco Products-ID/IC Cards

ID Thin Card
X00101001

- **Description:**TK4100D,blank card without code
- **Size:** 85.5*54*0.86mm

ID Thin Card
X00101002

- **Description:**TK4100D,blank card with code
- **Size:** 85.5*54*0.86mm

ID Thin Card
X00101011

- **Description:** TK4100D,Matte, blank card without code
- **Size:** 85.5*54*0.86mm

ID Thin Card
X00101023

- **Description:**TK4100D, blank card with code, Matte with hole
- **Size:** 85.5*54*0.92mm

ID Thin Card
X00101010

- **Description:** TK4100D,blank card with code
- **Size:** 85.5*54*0.86mm

ID Thin Card
X00101070

- **Description:** TK4100,10 code,with hole
- **Size:** 85.6*54*0.84mm

ID Thin Card
X00101023

- **Description:** TK4100D, blank card with code, matte 10 bit code
- **Size:** 85.6*54*0.84mm

ID Thin Card
X00101013

- **Description:** TK4001D, blank card with code, with hole
- **Size:** 85.5*54*0.86mm

ID Thick Card
X00101054

- **Description:** EM4200,long range, 18 digits code with hole long distance 0.8m reading (KR1000E)
- **Size:** 41*33*4.3mm

ID Thick Card
X00101004

- **Description:** TK4100D, blank card without code
- **Size:** 85.5*54*1.85mm

ID Thick Card
X00101051

- **Description:** TK4100D 18 digits code with hole
- **Size:** 41*33*4.3mm

ID Thick Card
X00101003

- **Description:** TK4100D, blank card with code
- **Size:** 85.5*54*1.85mm

IC Thin Card
X00102007

- **Description:** Fudan M1, FM11RF08, Matte, blank card with code
- **Size:** 85.5*54*0.86mm

IC Thin Card
X00102001

- **Description:** Fudan 1K, FM11RF08, blank card without code
- **Size:** 85.5*54*0.86mm

IC Thin Card
X00102008

- **Description:**FudanM1,FM11RF08, Matte, blank card without code
- **Size:** 85.5*54*0.86mm

IC Thin Card
X00102002

- **Description:** Fudan 1K,FM11RF08, blank card with code
- **Size:** 85.5*54*0.86mm

IC Thin Card
X00102043

- **Description:** NXP S50 blank card without code
- **Size:** 86*54*0.86mm

IC Thin Card
X00102013

- **Description:** NXP Mifare S50, 1k , blank card with code
- **Size:** 85.5*54*0.84mm

IC Thin Card
X00102014

- **Description:** NXP Mifare S50, 1k , blank card without code
- **Size:** 85.5*54*0.84mm

DESFire Thin Card
X00103003

- **Description:** D81 8K Blank card
- **Size:** 85.5*54*0.84mm

DESFire Thin Card
X00102012

- **Description:** NXP-Desfire EV2 4k,blank card with code
- **Size:** 86*54*0.84mm

DESFire Thin Card
X00102011

- **Description:** NXP-Desfire EV1 4k,blank card with code
- **Size:** 85.5*54*0.84mm

DESFire Thin Card
X00102009

- **Description:** NXP-Desfire EV1 4k,blank card without code
- **Size:** 85.5*54*0.84mm

DESFire Thin Card
X00102010

- **Description:** NXP-Desfire EV2 4k,blank card without code
- **Size:** 85.5*54*0.84mm

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ICLASS card

X00102026

- **Description:** 2080PMSMV Thick card with code
- **Size:** 85.6*54*1.8mm

HID Thick Card

X00101075

- **Description:** 1326LMSMV blank card with code
- **Size:** 86*55mm*0.2mm

HID Thin Card

X00101076

- **Description:** 1386LMSMV blank card
- **Size:** 86*54*0.76mm

ID Tag

X00101043

- **Description:** TK4100D,Black, with code
- **Size:** 40*30*4mm

ID Tag

X00101005

- **Description:** TK4100D,blue, with code
- **Size:** 40*30*4mm

MF Tag

X00102027

- **Description:** S50,gray, with code
- **Size:** 40*30*4mm

MF Tag

X00102028

- **Description:** S50,black, with code
- **Size:** 40*30*4mm

IC Wristbands

X00102022

- **Description:** F08, Blue, Silicone
- **Size:** 240*31*19mm

ID Wristbands

X00101026

- **Description:** TK4100D, blue, Silicone
- **Size:** 41*33*4.3mm

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