



**ZKT***ECO*

# PRODUCT CATALOGUE







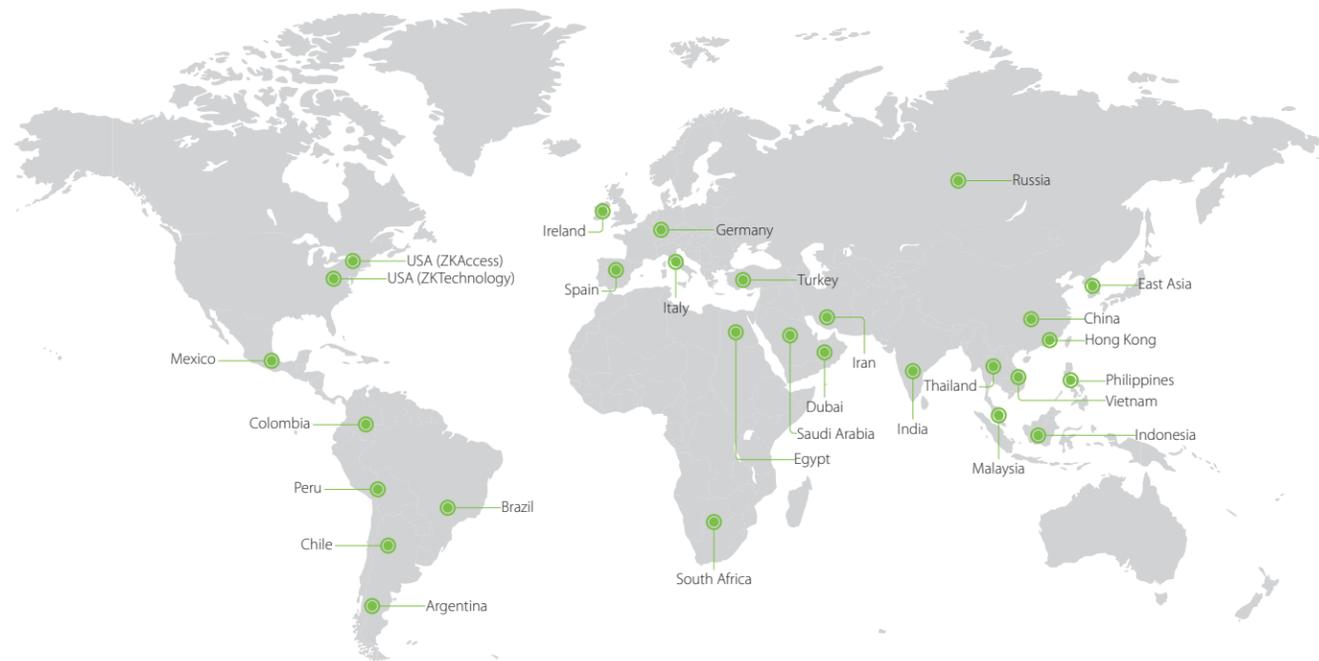
## ZKTeco Introduction

ZKTeco, founded in March 1998, is a world-leading enterprise specialized in **Hybrid-Biometric Verification Technology**. ZKTeco currently owns the largest quantity of patents and intellectual property rights in the field and applies biometric verification technology to smart office, smart financing, smart traffic, and smart security with a service network covering the entire world. ZKTeco has established an innovation center for hybrid biometric verification technology and Internet of Things in Silicon Valley in the USA, and a research institute for cloud platform, cloud computing, and big data in Europe. ZKTeco also owns a manufacturing center in Dongguan, plus three enterprises and a laboratory specializing in biometric verification algorithms and business operations in the USA. ZKTeco Core Algorithm Laboratory, Smart Verification Laboratory, Northern China Technical Service Center, Global Technical Service Center, and Russia/Japan/South Korea Sales Center have been established in Dalian China. ZKTeco also owns branch offices in every provinces in China and over 30 countries including Mexico, Dubai, Thailand, India, Saudi Arabia, South Africa, Ireland, Brazil, etc. with over 90% foreign employees with a scale of over 3,000 employees and 1,000 research staff.

With the application of biometric verification technology and big data to smart office, smart security, and smart identity verification, ZKTeco is the leading enterprise in the industry. With our innovative O2O service platform, ZKTeco has created a vertical system consisting of research & development, design, engineering, manufacturing, IoT, and internet service, owning the largest manufacturing base in the industry, and is the first enterprise to provide visitor management, car entrance management and freight management products, solutions and services.

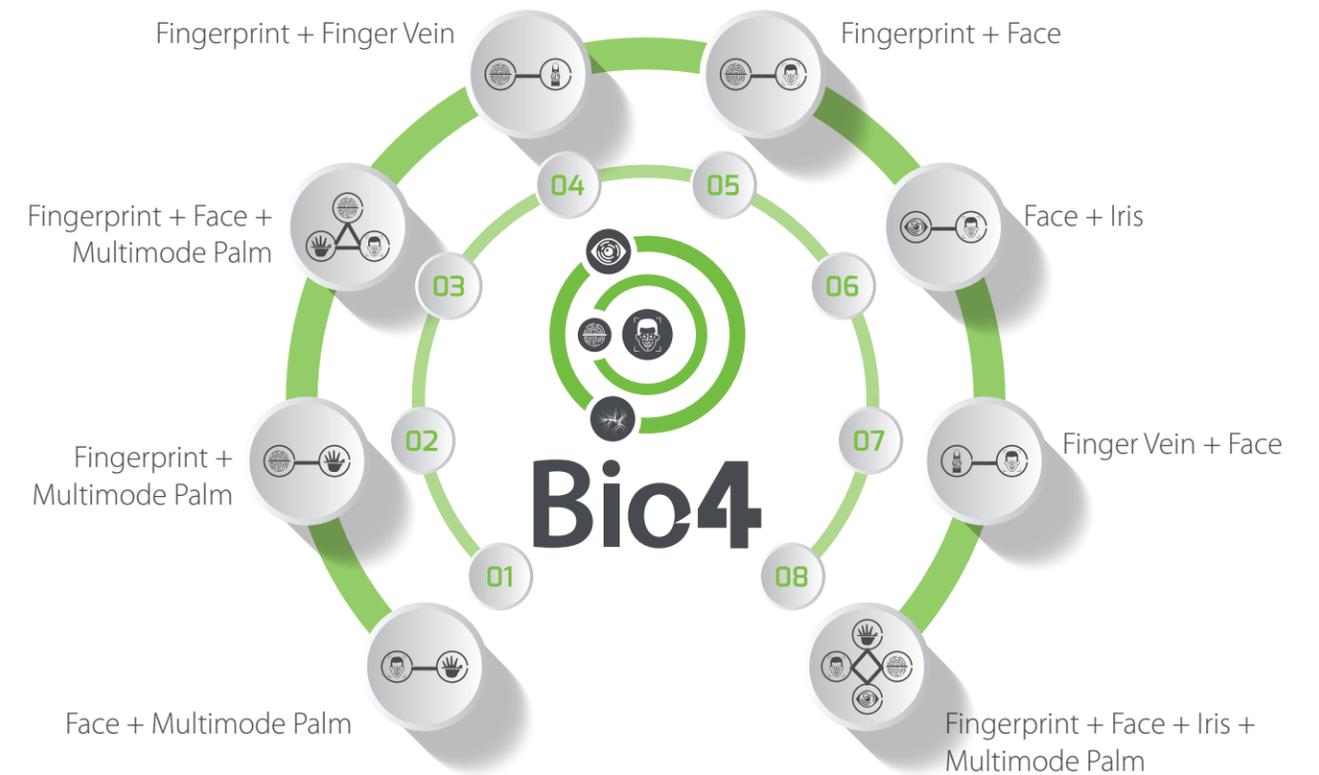
ZKTeco has great experience in fingerprint, finger vein, and face recognition verification, and is a major provider of identity card, fingerprint algorithm, identification devices, and fingerprint modules.

# ZKTeco Worldwide



# Core Technology

## Bio4 HybridBio Verification Technology



## Main Business

ZKTeco focuses on multi-biometric identity verification and O2O products and solutions, enterprise big data solutions, visitor management, car entrance management, and freight management with enterprise hybrid-biometric security platform.

## Application

ZKTeco focuses on multi-biometric identity verification and O2O products and solutions, enterprise big data solutions, visitor management, car entrance management, and freight management with enterprise hybrid-biometric security platform.



Smart Education



Smart Building



Identity Verification



Smart Finance



Smart Office



Smart Security

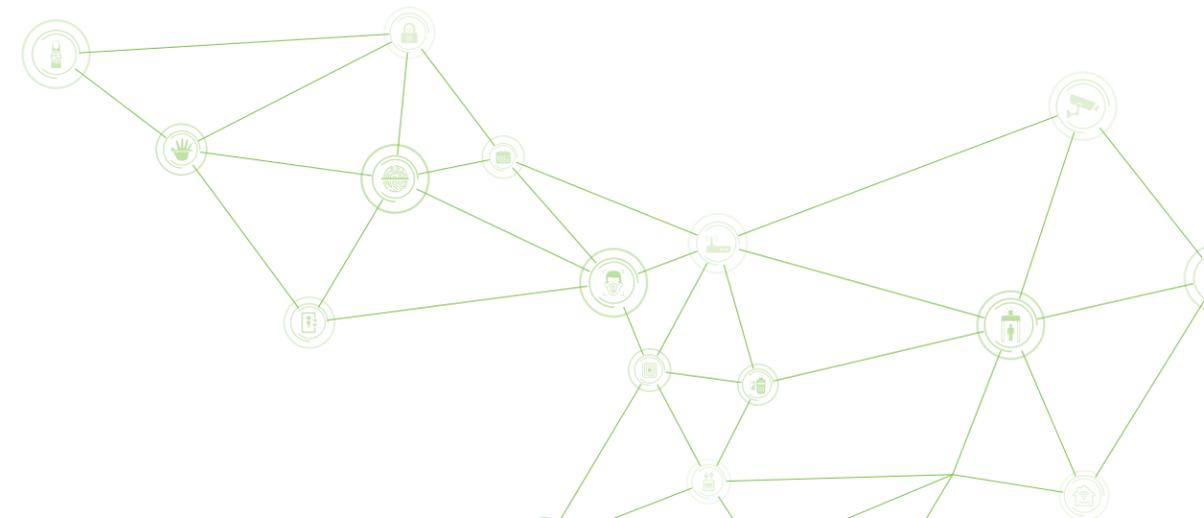
## ZKTeco Alliance

zigbee alliance member



SAC/TC100 /SC2

NITS/SC37





## Time Attendance

ZKTeco's time & attendance series includes cutting-edge hybrid biometric verification technology products and solutions. It provides a full range of solutions including various fingerprints, RFID, facial identification and palm verifications, time clocks, portable time clocks, and time and attendance management software that meet the demands of almost all the companies in any size.



## Palm, Face, and Fingerprint T&A and Access Control



PFace202

- **Display:** 4.3-inch touch screen
- **Palm Capacity:** 600
- **Face Capacity:** 3,000 (1:1)/ 1,200 (1:N)
- **Fingerprint Capacity:** 2,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host
- **Power Supply:** 12V 3A
- **Operating Environment:** 0°C ~ 45°C; 20% - 80% humidity
- **Dimensions:** 193.6(L)\*165(W)\*111(T) mm
- **Optional Functions:** ID/MF Card, 3G, Wi-Fi, 2000 mAh backup battery
- **Standard Functions:** ADMS, Automatic status switch, T9 Input, 9 Digit user ID, Photo ID, Work code, DST, Self service query, Scheduled bell, Multi-verification mode
- **Access Control Interface for:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Wiegand Out



iFace900

- **Display:** 4.3-inch touch screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, RS232/485, USB Host
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C ~ 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 193.6(L)\*165(W)\*86(T) mm
- **Optional Functions:** ID/MF Card, 3G, Wi-Fi, 2000 mAh backup battery
- **Standard Functions:** ADMS, Automatic Status Switch, T9 Input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Scheduled Bell, Multi-verification Mode
- **Access Control Interface for:** 3rd Party Electric Lock, Door Sensor and Exit Button, Alarm

## Face and Fingerprint T&A and Access Control



iFace850

- **Display:** 4.3-inch touch screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, RS232/485, USB Host
- **Power Supply:** 12V 3A
- **Operating Environment:** 0°C ~ 45°C; 20% - 80% humidity
- **Dimensions:** 193.7(L)\*164.5(W)\*112.5(T) mm
- **Optional Functions:** ID/MF Card, 3G, Wi-Fi, 2000 mAh backup battery
- **Standard Functions:** ADMS, Automatic Status Switch, T9 Input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Scheduled Bell, Multi-verification Mode
- **Access Control Interface for:** 3rd Party Electric Lock, Door Sensor and Exit Button, Alarm



iFace950

- **Display:** 4.3-inch touch screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C ~ 45°C
- **Operating Humidity:** 20% - 80%
- **Communication:** TCP/IP, USB Host
- **Standard Functions:** ADMS, Automatic Status Switch, T9 Input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Scheduled Bell, Multi-verification Mode
- **Access Control Interface for:** 3rd Party Electric Lock, Door Sensor and Exit Button, Alarm
- **Dimensions:** 194.1(L)\*169(W)\*109(T) mm
- **Optional Functions:** ID/MF Card, 3G, Wi-Fi, 2000 mAh Backup Battery



iFace880

- **Display:** 4.3-inch touch screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host
- **Standard Functions:** ADMS, Automatic Status Switch, T9 Input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Scheduled Bell, Multi-verification Mode
- **Access Control Interface for:** 3rd Party Electric Lock, Door Sensor and Exit Button, Alarm
- **Optional Functions:** ID/MF Card, 3G, Wi-Fi, 2000 mAh backup battery
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C ~ 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 193.6(L)\*165(W)\*111(T) mm



iFace990

- **Display:** 4.3-inch touch screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host
- **Standard Functions:** ADMS, Automatic Status Switch, T9 Input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Scheduled Bell, Multi-verification Mode
- **Access Control Interface for:** 3rd Party Electric Lock, Door Sensor and Exit Button, Alarm
- **Optional Functions:** ID/MF Card, 3G, Wi-Fi, 2000 mAh Backup Battery
- **Dimensions:** 193.6(L)\*165(W)\*111(T) mm
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C ~ 45°C
- **Operating Humidity:** 20% - 80%



iFace1000

- **Display:** 4.3-inch touch screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host
- **Standard Functions:** ADMS, Automatic Status Switch, T9 Input, 9 Digit User ID, Photo ID, Work Code, DST, Self Service Query, Scheduled Bell, Multi-verification Mode
- **Access Control Interface for:** 3rd Party Electric Lock, Door Sensor and Exit Button, Alarm
- **Wiegand Signal:** Output
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C ~ 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 195.5(L)\*166.5(W)\*120(T) mm
- **Optional Functions:** ID/MF Card, 3G, Wi-Fi, 2000 mAh Backup Battery
- **Additional Info:** Outside installation (maximum 12,000 lux)

- **Display:** 2.8-inch TFT 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
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 Input, Photo ID, Camera, Multi-verification, 12V Output, RS232 Printer (Optional Cable), ADMS
- **Access Control Interface for:** 3rd Party Electric Lock, Exit Button, Alarm
- **Optional Functions:** ID/Mifare Card, Wi-Fi, Work Code
- **Power Supply:** 12V 3A



BioPro MH40

## Palm and Fingerprint T&A and Access Control Device



BioPro MH20

- **Display:** 2.8-inch TFT screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 5,000
- **Card Capacity:** 20,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Memory:** 128MB RAM/ 256MB Flash
- **Communication:** TCP/IP, USB-Host
- **Standard Functions:** ADMS, Work Code, SMS, DST, Scheduled Bell, Self-Service Query, Automatic Status Switch, Photo ID, T9 Input, Camera, 9 digit user ID, Built-in Battery, Multi-verification Mode
- **Access Control Interface for:** Lock, Door Sensor, Exit Button, Alarm
- **Wiegand Signal:** Output
- **Optional Functions:** ID/Mifare Card
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20% - 80%



P260 / P200

- **Display:** 3-inch color LCD
- **Palm Capacity:** 600 (1:N)
- **Fingerprint Capacity:** 3,000 (Standard) / 10,000 (Optional)
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Communication:** TCP/IP, USB, Wi-Fi
- **Standard Functions:** Automatic Status Switch, Self-Service Query, DST, T9 Input, 9 Digit User ID, Scheduled Bell, Photo ID, Lock, sensor, Exit button, ADMS
- **P200:** Time attendance without access control
- **P260:** Advanced access control functions
- **Optional Functions:** ID/Mifare Card, PoE, 3G, Battery Module
- **Operating Temperature:** 0°C ~ 45°C; 20% - 80% humidity



BioPro MH30

- **Display:** 2.8-inch TFT screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 5,000
- **Card Capacity:** 20,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Communication:** TCP/IP, USB-Host,
- **Standard Functions:** ADMS, Work Code, SMS, DST, Scheduled Bell, Self-Service Query, Automatic Status Switch, Photo ID, T9 Input, Camera, 9 digit user ID, Built-in Battery, Multi-verification Mode
- **Access Control Interface for:** Lock, Door Sensor, Exit Button, Alarm
- **Optional Functions:** ID/Mifare Card, Wi-Fi, External Printer
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C- 45°C
- **Operating Humidity:** 20% - 80%



P160

- **Display:** 2.8-inch TFT color display
- **Palm Capacity:** 600
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Memory:** 128MB RAM/ 256MB Flash
- **Communication:** TCP/IP, USB
- **Standard Functions:** ADMS, 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/Mifare 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, Wi-Fi, Battery Module
- **Power Supply:** 12V 3A

## Fingerprint T&A and Access Control Device



BioPro ST40-A

- **Display:** 2.8-inch color LCD
- **Fingerprint Capacity:** 3,000 (Standard) / 10,000 (Optional)
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Memory:** 128MB RAM/ 256MB Flash
- **Communication:** TCP/IP, USB, Wi-Fi
- **Standard Functions:** Automatic Status Switch, ADMS, Self-Service Query, Work Code, T9 Input, 9 Digit User ID, DST, Scheduled Bell and SMS, Battery
- **Access Control Functions:** Advance access control, Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand In/Out
- **Optional Functions:** ID/Mifare Card, PoE, 3G, Battery Module
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 213(L)\*155(W)\*108(T) mm



BioPro SA10

- **Display:** 3-inch TFT screen
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB (Host & Client)
- **Standard Functions:** Webserver, Work code, SMS, DST, Scheduled bell, ADMS, Self-Service Query, Automatic Status Switch, Photo ID
- **Access Control Functions:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell, Wiegand In & Out
- **Optional Functions:** ID/Mifare/HID Card, 3G, Wi-Fi, Built-in Backup Battery, External Printer
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 221.7(L)\*159.5(W)\*42.9(T) mm



IN01-A

- **Display:** 3-inch TFT screen
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, RS232/485, USB (Host & Client)
- **Standard Functions:** Work Code, SMS, DST, Self-Service Query, Automatic Status Switch, Built-in Battery, ADMS, Multiple Verify Mode
- **Access Control Functions:** Lock, Door Sensor, Exit Button, Alarm, Door Bell, Wiegand In & Out
- **Optional Functions:** ID/Mifare/HID Card, 3G, Wi-Fi, External Printer, Webserver, Photo ID, Scheduled bell, Anti-Passback, External Bell
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 221.7(L)\*159.5(W)\*47.8(T) mm



UA760

- **Display:** 2.8-inch color screen
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 50,000
- **Sensor:** BioID sensor
- **Communication:** TCP/IP, Wi-Fi, USB (host)
- **Standard Functions:** ADMS, 9 Digit User ID, T9 Input, SMS, DST, Self-Service Query, Automatic Status Switch, Ring bell
- **Access Control Interface for:** Lock, Exit Button
- **Optional Functions:** ID/MF Card, RS232 External Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20% - 80%



UA860

- **Display:** 2.8-inch color screen
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 50,000
- **Sensor:** BioID sensor
- **Communication:** TCP/IP, Wi-Fi, USB (host)
- **Standard Functions:** ADMS, 9 Digit User ID, T9 Input, SMS, DST, Self-Service Query, Automatic Status Switch, Ring bell
- **Access Control Interface for:** Lock, Exit Button
- **Optional Functions:** ID/MF Card, RS232 External Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20% - 80%

- **Display:** 3.5-inch TFT color display
- **Fingerprint Capacity:** 8,000
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP, USB (Host), RS232/485
- **Standard Functions:** Work Code, DST, SMS, Self-Service Query, 9 Digit User ID, T9 Input, Scheduled Bell, Automatic Status Switch, Photo ID, Anti-passback, ADMS
- **Access Control Interface for:** Lock, Door Sensor, Exit Button, Alarm, Door Bell
- **Optional Functions:** ID/Mifare/HID Card, Wi-Fi, Webserver, Wi-Fi, 3G, GPRS
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 205.6(L)\*150(W)\*41.6(T) mm



iClock680

- **Display:** 3.5-inch TFT color display
- **Fingerprint Capacity:** 8,000
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP, USB (Host/Client)
- **Standard Functions:** Work Code, DST, SMS, Self-Service Query, 9 Digit User ID, T9 Input, Scheduled Bell, Automatic Status Switch, Photo ID, Anti-passback, ADMS, Built-in Battery, Multiple Verification Mode, Camera
- **Access Control Interface for:** Lock, Door Sensor, Exit Button, Alarm, Door Bell
- **Optional Functions:** ID/Mifare/HID Card, Wi-Fi, External Printer, Wi-Fi, GPRS, 3G
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 225.2(L)\*166(W)\*46.3(T) mm



iClock700



iClock880

- **Display:** 3.5-inch TFT color display
- **Fingerprint Capacity:** 8,000
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP, USB (Host/Client), RS232/485
- **Standard Functions:** Work Code, DST, SMS, Self-Service Query, 9 Digit User ID, T9 Input, Scheduled Bell, Automatic Status Switch, Photo ID, Anti-passback, ADMS, Built-in Battery, Multiple Verification Mode, Camera
- **Access Control Interface for:** Lock, Door Sensor, Exit Button, Alarm, Door Bell
- **Optional Functions:** ID/Mifare/HID Card, Wi-Fi, External Printer, Wi-Fi, GPRS, 3G
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 225.2(L)\*166(W)\*46.3(T) mm



BioPro ST40

- **Display:** 3-inch TFT color display
- **Fingerprint Capacity:** 3,000 (Standard) / 10,000 (Optional)
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Communication:** TCP/IP, USB, Wi-Fi
- **Standard Functions:** Automatic Status Switch, ADMS, Self-Service Query, T9 Input, 9 Digit User ID, DST, Scheduled Bell, Battery
- **Optional Functions:** ID/Mifare Card, PoE, 3G, Battery Module
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 213(L)\*155(W)\*107.8(T) mm



iClock990

- **Display:** 3.5-inch TFT color display
- **Fingerprint Capacity:** 8,000
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP, USB (Host & Client)
- **Standard Functions:** Work Code, DST, SMS, Self-Service Query, 9 Digit User ID, T9 Input, Scheduled Bell, Automatic Status Switch, Photo ID, Anti-passback, ADMS, Built-in Battery
- **Access Control Interface for:** Lock, Door Sensor, Exit Button, Alarm, Door Bell
- **Optional Functions:** ID/Mifare/HID Card, Wi-Fi, External Printer, Wi-Fi, GPRS, 3G, Camera
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 211.54(L)\*159(W)\*45(T) mm



IN01

- **Display:** 3-inch TFT color Display
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB (Host & Client)
- **Standard Functions:** Work Code, SMS, DST, Self-Service Query, Automatic Status Switch, Built-in Battery, ADMS
- **Optional Functions:** ID/Mifare/HID card, GPRS, Wi-Fi, Webserver, Photo ID, Scheduled-bell, Multiple Verify Mode, External Bell
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20%-80%
- **Dimensions:** 211.50(L)\*159.42(W)\*47.8(T) mm

## Portable Fingerprint Time and Attendance Device

## Fingerprint Time and Attendance Device



BioPro ST30

- **Display:** 2.8-inch TFT color display
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Memory:** 128MB RAM/ 256MB Flash
- **Communication:** TCP/IP, USB (Host and Client)
- **Standard Functions:** Webserver, Work Code, SMS, DST, Scheduled Bell, Self-Service Query, Automatic Status Switch, T9 Input, 9 digit user ID, Photo ID, ADMS
- **Optional Functions:** ID/Mifare Card, Wi-Fi
- **Power Supply:** 5V 0.8A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 192.0(L)\*140.0(W)\*42.5(T) mm



S922

- **Display:** 3.5-inch TFT screen
- **Fingerprint Capacity:** 50,000
- **Card Capacity:** 50,000
- **Logs Capacity:** 800,000
- **Communication:** TCP/IP, USB
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Automatic Status Switch, Photo ID, ADMS, Backup Battery, ID Card
- **Optional Functions:** Mifare/HID Card, Wi-Fi, 3G, GPS
- **Additional Feature:** IP65 Rating, Shockproof (1 meter above the ground), rubber coated protection
- **Power Supply:** 12V 3A, Built-in 7600mAh backup battery
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 225(L)\*235(W)\*125(T) mm



# BioTime 8.5

## Web-Based Time & Attendance Management Software



BioTime 8.5 is a powerful time attendance software offering the most advanced features a time attendance software can offer. It provides a stable communication of up to thousands of time and attendance devices through LAN/WAN/Wi-Fi/GPRS/3G which can be remotely managed anywhere by accessing the software using a web browser.

The latest version is equipped with an advanced roster function that simplifies the entire scheduling process of employees and ensures a smooth and efficient work environment. It also has a built-in integration function that connects the software to client's ERP and HR system easily.

BioTime 8.5 also features a simple access control module that can connect to ZKTeco standalone access control terminals. Equipped with the latest user interface, BioTime 8.5 gives easy operation to manage timetable, shift schedule, generate attendance reports, etc.

### Features

- Simple access control module
- Payroll management and WPS
- Auto-synchronization of biometric templates and real-time data transmission
- Built-in integration to client's ERP and HR software
- Multiple level approvals and automatic e-mail alerts
- Advanced roster management
- Flexible shift scheduling and auto shift
- Employee self-service and multiple administrator privilege
- Multi-languages
- Attendance calculation and reports

### Software Specifications

System Architecture	Server/Browser
Device Capacity	500 in a single server
Database	PostgreSQL (Default) / MS SQL Server 2005/2008/2012/2014 (Recommended)/ MySQL/ Oracle 11g/12c
Supported OS	Windows 8/8.1/10, Windows Server 2003/2008/2012/2014
Suggested Browsers	IE 11+ / Firefox 27+ / Chrome 33+
Monitor Resolution	1024 x 768 or Above

### Hardware Requirements

Device	100	200	500
CPU	Intel i3 Quad Core	Intel i5 / Magny-Cours	Intel i7 / Magny-Cours
RAM	4G	8G	16G
Storage	Available space of 100G or above. (We recommend using NTFS hard disk partition as the software installation directory.)		

# ZKBioTime APP

ZKBioTime APP is a real-time attendance solution which offers convenience and efficiency to industries that has employees who are always on-the-go. Employees who are going for training, business meetings, site visits, etc. can report their attendance wherever they are just by using their smart phones.



### Features

- Easy Operation: Maximum two-step navigation
- Real-time attendance with geographic location details
- Real-time notifications and updates
- Attendance approvals by the Admin or Approver
- Online employee requests and status
- Easily displays the timetable and shift schedule
- Public and private announcements
- User-friendly interfaces for Admin and employees

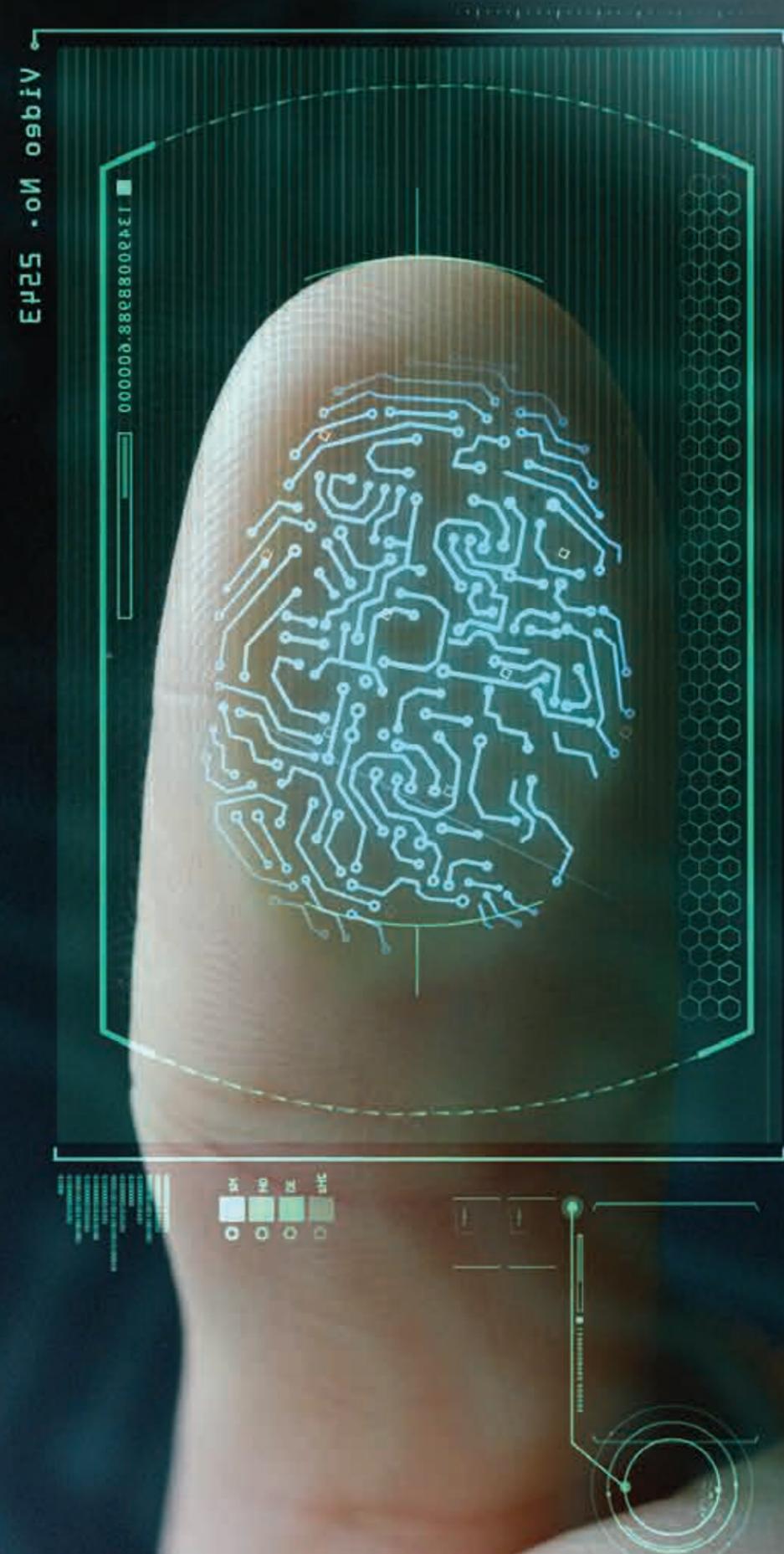
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## Access Control

ZKTeco's access control product line is composed of IP-based standalone access control devices, network 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.



## Multi-biometric Standalone Terminal



### BR1200

BR1200FB: Fingerprint, QR Code, ID/IC  
BR1200PB: Palm, QR Code, ID/IC

- **Display:** 2.8 inches touch screen
- **User Capacity:** 10,000 (Optional: 50,000)
- **Fingerprint Capacity (BR1200FB):** 10,000 (Optional: 50,000)
- **Palm Capacity (BR1200PB):** 1,000
- **Logs Capacity:** 150,000
- **Communication:** RS232, TCP/IP
- **Standard Functions:** Self-service query, DST, T9 input, 9 digital user ID, ADMS, DNS
- **Scan Code Format:** PDF417, QR Code Model 1/2, Micro QR, Data Matrix, GS1-DataBar (Limited, Stacked, Expanded)
- **Power Supply:** 12V 3A
- **Dimensions:** 105.0\*187.0\*66.6 mm

- **Display:** 2.8-inch TFT LCD color screen
- **Face Capacity:** 3,000 (1:N)
- **Fingerprint Capacity:** 4,000
- **Card Capacity:** 10,000 (Optional)
- **Transaction Capacity:** 100,000 Transactions
- **Communication:** RS485, TCP/IP, USB-host
- **Power Supply:** 12V 3A
- **Aux. Input:** 1ea for linkage function

- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Standard Functions:** DST, Automatic Status Switch, Anti-passback, Scheduled-Bell, ADMS
- **Optional Functions:** ID/MF Card, RS485 (for slave reader)



### BioPro MV30



### BioPro SA50

- **Display:** 2.4-inch TFT LCD color screen
- **Palm Capacity:** 1,000
- **Fingerprint Capacity:** 10,000
- **Card Capacity:** 10,000 (Optional)
- **Transaction Capacity:** 150,000
- **Sensor:** BioID Fingerprint Sensor
- **Communication:** RS485, TCP/IP, USB-host
- **Power Supply:** 12V 3A
- **Aux. Input:** 1ea for linkage function

- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell
- **Wiegand Signal:** Input, Output, SRB
- **Standard Functions:** DST, Automatic Status Switch, Anti-passback, Scheduled-Bell, External FP reader, ADMS
- **Optional Functions:** ID/Mifare/HID Proximity Card, Wi-Fi, PoE, Printer

- **Display:** 2.8-inch capacitive screen
- **Vein Capacity:** 1,000
- **Fingerprint Capacity:** 1,000
- **Card Capacity:** 2,000 (Optional); ID/Mifare card
- **Communication:** RS485, TCP/IP

- **Aux. Input:** 1ea for linkage function
- **Aux. Terminal:** 1 Aux. input
- **Wiegand:** In and out
- **Power Supply:** 12V 3A
- **Dimensions:** 232(L)\*91(W)\*117(T) mm
- **Operating Temperature:** -10°C ~ 45°C



### BioPro FV30

## Fingerprint Standalone Terminal

- **Display:** 2.4-inch TFT LCD color screen
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 5,000 (Optional)
- **Logs Capacity:** 30,000
- **Sensor:** BioID / SilkID Sensor (Optional)
- **Communication:** TCP/IP, USB Host, RS232/485, Wi-Fi

- **Dimensions:** 159.8(L)\*80.7(W)\*19.4(H) mm
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm
- **Standard Functions:** DST, Automatic Status Switch, Record query, T9 input, 14 digit user ID, Anti-passback, Scheduled bell, ADMS, Wiegand In/Out
- **Optional Functions:** ID/MF card, Printer



### BioPro SA40



### BioProSA20/SA30

BioProSA20: BioID Fingerprint Sensor  
BioProSA30: SilkID Fingerprint Sensor

- **Display:** 2.4-inch TFT LCD color screen
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host, RS232/485
- **Dimensions:** 205(H)\*86(L)\*45(T) mm
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell
- **Aux Input:** 1ea for linkage function
- **Standard Functions:** DST, Automatic Status Switch, Anti-passback, Scheduled bell, ADMS
- **Optional Functions:** ID/Mifare card, RS485 (for slave reader), Printer
- **Wiegand:** In/Out, SRB



### F18

- **Display:** 2.4-Inch TFT LCD color screen
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 30,000
- **Communication:** TCP/IP, USB Host, RS232/485
- **Dimensions:** 183\*80\*42mm
- **Standard Functions:** DST, Record Query, Anti-passback, External RS485 fingerprint reader
- **Optional Functions:** ID/Mifare/HID Card, Printer
- **Wiegand Signal:** Input, Output, SRB
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell



### F19

- **Display:** 2.4-Inch TFT color screen
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 30,000
- **Communication:** TCP/IP, USB Host, RS232/485
- **Standard Functions:** Webserver, Anti-passback
- **Optional Functions:** ID/Mifare card
- **Wiegand Signal:** Input, Output
- **Dimensions:** 87\*195\*42.5mm
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell



MA300

- **Fingerprint Capacity:** 1,500
  - **Card Capacity:** 10,000
  - **Logs Capacity:** 100,000
  - **Communication:** TCP/IP, USB Host, RS485
  - **Protection Rate:** IP65
  - **Dimensions:** 148(H)\*73(W)\*34.5(T) mm
  - **Standard Functions:** RS485 Reader, Time Zone, Group, Multi-Identification Duress Mode, Anti-Passback, ID card
  - **Optional Functions:** Mifare card, External USB Keypad
  - **Wiegand Signal:** Input, Output
  - **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm
- \*Bluetooth communication available (MA300-BT)*



MA500

- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, RS485
- **Protection Rate:** IP65
- **Dimensions:** 127.5(H)\*83(W)\*74(T) mm
- **Standard Functions:** 9 Digit User ID, External RS485 fingerprint reader, Anti-passback, ID card, Wiegand out, Door bell, Multi-verification method
- **Optional Functions:** Mifare card
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm



X8s

- **Fingerprint Capacity:** 500
  - **Card Capacity:** 500
  - **Access Control Interface:** 3rd party electric lock, Door sensor, Alarm, Exit button, doorbell
  - **Standard Functions:** Simple access control function, ID card
  - **Optional Function:** Mifare Card
  - **Dimension:** 90(L)\*90(H)\*38.9(T) mm
- \*Bluetooth communication available (X8-BT)*

## RFID Standalone Terminal



SC105

- **Card Capacity:** 30,000
- **Transaction Capacity:** 80,000
- **Communication:** TCP/IP, RS485, USB-Host
- **Standard Functions:** Anti-passback, Wiegand input & output, SRB
- **Optional Functions:** Mifare Card, Print Function
- **Access Control Interface:** 3rd party electric lock, Door sensor, Exit button, Alarm, Door bell
- **Dimension:** 130\*94\*52 mm



TF1700

- **Display:** 128 x 64 OLED
- **Fingerprint Capacity:** 3,000 (8,000 Optional)
- **Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host, RS485
- **Protection Rate:** IP65
- **Dimensions:** 185(H)\*62.5(W)\*41.5(T) mm
- **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:** Mifare card



SC405

- **Card Capacity:** 30,000
- **Transaction Capacity:** 80,000
- **Communication:** TCP/IP, RS485, USB-Host
- **Standard Functions:** Anti-passback, Wiegand input & output, SRB
- **Optional Functions:** Mifare Card, Print Function
- **Access Control Interface:** 3rd party electric lock, Door sensor, Exit button, Alarm, Door bell
- **Dimension:** 143\*96\*42 mm



SF300

- **Display:** 2.8-inch resistive touch screen
- **Fingerprint Capacity:** 1,500
- **Card Capacity:** 5,000 (Optional)
- **Record Capacity:** 80,000
- **Access Control Interface:** Electric lock, Door sensor, Alarm, Exit button, Door bell
- **Wiegand Signal:** Wiegand In/Out
- **Optional Functions:** ID/Mifare card



SF400

- **Display:** 2.8-inch resistive touch screen
- **Fingerprint Capacity:** 1,500
- **Card Capacity:** 5,000 (Optional)
- **Record Capacity:** 80,000
- **Access Control Interface:** Electric lock, Door sensor, Alarm, Exit button, Door bell
- **Wiegand Signal:** Wiegand In/Out
- **Optional Functions:** ID/Mifare card



MK-H



MK-V

### Features

- Metal case, anti-vandal
- One relay, 1,000 users
- 4-6 digits PIN, 125KHZ EM card
- Backlit keypad
- Latch mode to hold door or gate open

### Specifications:

- **Operating Voltage:** 9 ~ 18V DC
- **Operating Temperature:** -40°C ~ 60°C
- **Environment:** Indoor or outdoor
- **Dimensions:** MK-H - 120(L)\*76(W)\*25(D) mm  
MK-V - 130(L)\*55(W)\*23(D) mm



MRS100-BT



MRS101-BT

**Features**

- Bluetooth access control
- Two ways to open the door: mobile phone and card
- Supports ID or Mifare card
- One relay, 10,000 users
- APP supports Android 4.3 and iOS 7.0 and above
- Supports sending remote e-key to users
- Metal case, anti-vandal
- IP66 Rating

## UHF RFID Standalone Terminal



U1000E/F



U2000E/F

- **Card Capacity:** 5,000 cards
- **Transactions:** 30,000
- **Hardware Platform:** ZMM220
- **Working Frequency:** F Series: 902MHz - 928MHz  
E Series: 865MHz - 868MHz
- **Reading Distance:** U1000: 0 - 6 meters  
U2000: 0 - 12 meters
- **Communication:** TCP/IP (connect access software), USB (connect demo)
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Wiegand In/Out

- **Access Control Functions:** Standard access functions, Anti-passback
- **Antenna Gain:** 8dBi / 12dBi
- **Output Power:** 18dBm - 26dBm
- **Power Supply:** DC12V, 3A
- **Working Temperature:** -20°C - +60°C
- **Working Humidity:** <95% (25°C)
- **Dimension:**  
U1000: 250mm\*250mm\*70mm(±5)  
U2000: 445mm\*445mm\*70mm (±5)
- **Software:** ZKBioSecurity

## Control Panel - inBio Series



inBio160



inBio260



inBio460

Model	inBio160	inBio260	inBio460
Doors Controlled	1 door	2 doors	4 doors
Readers Supported	4 (2 RS485, 2 26-bit Wiegand)	8 (4 RS485, 4 26-bit Wiegand)	12 (8 RS485, 4 26-bit Wiegand)
Number of Inputs	3(exit Device and Door Status, 1 AUX)	6 (2 exit Device and 2 Door Status, 2 AUX)	6 (2 exit Device and 2 Door Status, 2 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1- From C Relay for Aux Output)	4 (2-From C Relay for Lock and 2- From C Relay for Aux Output)	12 (4-From C Relay for Lock and 4-From C Relay for Aux Output)
Dimensions	185*106*36 mm		452*212*72 mm
Package Weight	3.6 kg		3.7 kg

- **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:** 32MB
- **Flash Memory:** 128MB

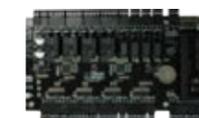
## Control Panel - C3 Series



C3-100



C3-200



C3-400

Model	C3-100	C3-200	C3-400
Doors Controlled	1 door	2 doors	4 doors
Readers Supported	2	4	4
Number of Inputs	2 (Exit Device and Door Status)	6 (2 Exit Device, 2 Door Status, 2 AUX)	12 (4 Exit Device, 4 Door Status, 4 AUX)
Number of Outputs	2 (1-From C Relay for Lock and 1-Form C Relay for Aux Output)	4 (2-From C Relay for Lock and 2-From C Relay for Aux Output)	8 (4-From C Relay for Lock and 4-From C Relay for Aux Output)
Package Weight	3.35kg	3.4kg	3.55kg

- **Card Holders Capacity:** 30,000
- **Log Events Capacity:** 100,000
- **Communication:** TCP/IP and RS-485
- **Types of Readers:** 26-bit Wiegand, others upon request
- **Mounting:** Wall Mount
- **Power Supply:** 12V DC, 1.5A
- **Enclosure:** Powder Coated Aluminium

## Control Panel - C5 Series



C5S110



C5S120



C5S140

Model	C5S110	C5S120	C5S140
Doors Controlled	1 door	2 doors	4 doors
Readers Supported	4 (2 RS485, 2 26-bit Wiegand)	8 (4 RS485, 4 26-bit Wiegand)	12 (8 RS485, 4 26-bit Wiegand)
Number of Inputs	3 (1 Exit Button, 1 Door Status, 1 AUX)	5 (1 Exit Button, 2 Door Status, 1 AUX)	9 (1 Exit Button, 4 Door Status, 1 AUX)
Number of Outputs	2 (1 Lock, 1 Aux Output)	3 (2 Lock, 1 Aux Output)	5 (4 Lock, 1 Aux Output)
Dimensions	160*140*31.6 mm	197*171*31.6 mm	

- Card Holders Capacity: 100,000
- Log Events Capacity: 200,000
- Types of Readers: 26-bit Wiegand, others upon request
- Mounting: Wall mounting
- Communication: TCP/IP, RS485, Wi-Fi
- CPU: 1.2GHz
- RAM: 128MB
- Flash Memory: 256MB

## Reader - Fingerprint



FR1500-WP



- Sensor: SilkID
- Ingress Protection Rate: IP65
- Communication: RS485
- CPU: 1.0 GHz
- Optional Functions: ID/ MF/ HID Prox/ HID iClass Card

- Hardware: Buzzer Prompt, Three-color Indicator Light
- Compatibility: inBio/inBioPro Controllers, Standalone Fingerprint Devices
- Working Voltage: 12V DC
- Working Temperature: -10 °C - 45 °C



FR1200

- Sensor: ZK Small-sized sensor
- Communication: RS485
- Standard Functions: ID Card
- Protection Grade: IP65
- Hardware: Buzzer Prompt, Indicator Light
- Optional Functions: Mifare Card



FR1300

- Sensor: ZK Infrared Optical Sensor
- Communication: RS485
- Standard Functions: ID Card
- Hardware: Buzzer Prompt, Indicator Light
- Optional Functions: Mifare Card

## Reader - Card



KR500E/M



KR501E/M



KR502E/M



KR503E/M

- Read Range: KRxxx-E: Up to 10CM; KRxxx-M: Up to 5CM
- Reading Time: ≤200ms
- Input Port: External LED Control; External Buzzer Control
- Output Port: KRxxx-E: 26bit Wiegand (Default); KRxxx-M: 34bit Wiegand (Default)
- Power/Current: DC 6-14V / Max.70mA
- LED: Red and Green LEDs
- Operating Temperature: -20 °C to 65 °C
- Material: ABS+PC with texture
- Operating Humidity: 10% to 90% relative humidity non-condensing
- Beeper: Yes
- Ingress Protection: KR500-E/M: IP65; KR501-E/M: IP65; KR502-E/M: IP64; KR503-E/M: IP65

## Control Panel - Elevator Control



EC10



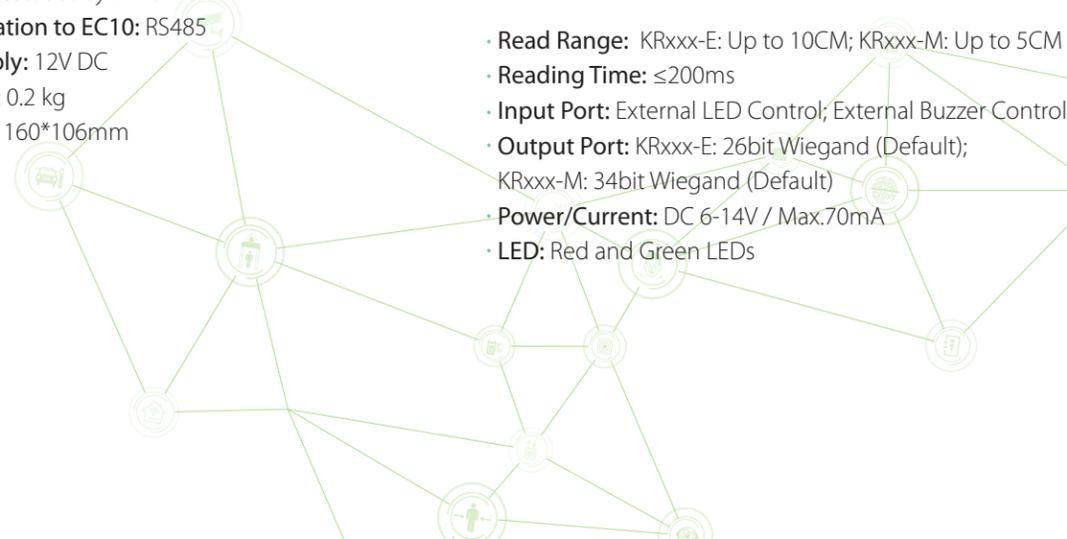
EX16

EC10

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

EX16

- Floor Button Control Relay: 16
- RS485 Address: Set by DIP switch
- Communication to EC10: RS485
- Power Supply: 12V DC
- Net Weight: 0.2 kg
- Dimension: 160\*106mm





KR600E/M



KR601E/M



KR602E/M

- **Read Range:** KRxxx-E: Up to 10CM; KRxxx-M: Up to 5CM
- **Reading Time:** ≤300ms
- **Input Port:** External LED Control; External Buzzer Control
- **Output Port:** KRxxx-E: 26bit Wiegand (Default); KRxxx-M: 34bit Wiegand (Default)
- **Power/Current:** DC 6-14V / Max.70mA
- **LED:** Red and Green LEDs
- **Operating Temperature:** -20 °C to 65 °C
- **Material:** ABS+PC with texture
- **Operating Humidity:** 10% to 90% relative humidity non-condensing
- **Beeper:** Yes
- **Index of Protection:** KR600-E/M: IP65; KR601-E/M: IP65; KR602-E/M: IP64



MR100



MR101

- **Design:** Metal casing design
- **Ingress Protection:** IP66 waterproof
- **Reading distance:** 3 - 8 cm
- **Operating Temperature:** -40°C ~ 60°C
- **Operating Humidity:** 10% ~ 85%
- **Supported Card:** 125K EM card, 13.56MHz MF Card
- **Operating Power:** 9 - 18V DC; ≤ 25mA
- **Design:** Metal casing design
- **Ingress Protection:** IP66 waterproof
- **Reading distance:** 3 - 8 cm
- **Operating Temperature:** -40°C ~ 60°C
- **Operating Humidity:** 10% ~ 85%
- **Supported Card:** 125K EM card, 13.56MHz MF Card
- **Operating Power:** 9 - 24V DC; ≤ 35mA



WRF100

- **Communication Frequency:** 433MHz
- **Reading distance:** ≤ 2.5 cm
- **Card Type:** 13.56MHz IC card
- **Emission distance:** ≤30 meters (straight line without blocking)
- **Operating Temperature:** -20°C ~ 60°C
- **Operating Humidity:** 10% ~ 85%
- **Operating Voltage:** 4.5V (WRF100); 12V DC (Receiver)
- **Operating Current:** ≤15mA (WRF100 & Receiver)
- **Wiegand:** 26/34

## Reader - Long Distance Wiegand



UHF 6 Pro

- **Reading distance:** Up to 18 meters (adjustable)
- **Frequency:** UHF 6E Pro: 865MHz ~ 868MHz; UHF 6F Pro: 902MHz ~ 928MHz
- **Communication Interface:** Wiegand 26 (default)/ Wiegand 34, USB
- **Chip:** Impinj R2000
- **Interface Protocol:** EPC global UHF Class 1Gen2/ ISO 18000-6C, ISO 18000-6B
- **Working Mode:** Always read (default) ~ Trigger read
- **Output Power:** 10dBm ~ 33dBm
- **Antenna Gain:** 9dBi
- **Shell Material:** Antenna panel: ABS plastics; Back cover: Die-cast aluminum shell
- **Working Temperature:** -20°C ~ 60°C
- **Dimension:** 310\*310\*90 mm (±5mm)



UHF1-5E/F



UHF1-10E/F

Model	UHF1-5E/F	UHF1-10E/F
Reading Distance	Up to 6 meters (adjustable)	Up to 12 meters (adjustable)
Communication Interface	USB, Wiegand 26 (Default)/ Wiegand 34	
Frequency	E: 865MHz - 868MHz F: 902MHz - 928MHz	
Shell Material	Antenna Panel: ABS Engineering Plastics Back Cover: Aluminum Shell	
Working Voltage	9 ~ 12V DC	
Working Temperature	-20°C to 60°C	
Interface Protocol	EPC global UHF Class 1Gen 2/ISO 18000-6c	
Multiple Tags Identification	<100	
Working Mode	Always read (Default) / Trigger read	
I/O Interface	Supports external trigger	
Maximum Power Consumption	<3W (RF output 63dBm, multiple tags), <2W (RF output 63dBm, Single tag)	
Dimensions	260*260*65mm (L*W*D)	445*445*70mm (L*W*D)



# ZKBioAccess

## Lite Access Control Software for Enterprises

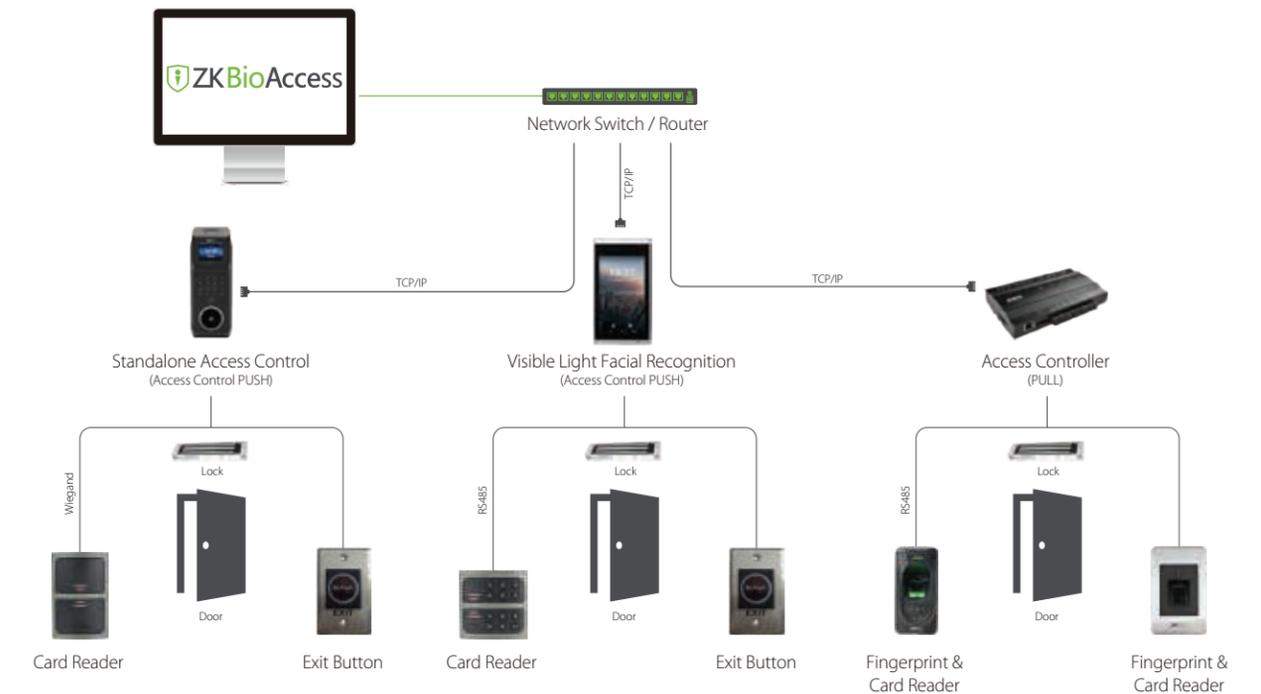
ZKBioAccess is a lite web-based security platform developed by ZKTeco which focused on access control. Its reliable access control module for up to 10 doors comes with a user-friendly interface design and simplified system architecture to ensure a better access control management performance.



### Features:

- New and friendly user interface design
- Reliable access control logic
- Stable, fast, and consistent communication
- Automatic data backup
- Alarms and events e-mail notification
- System log monitoring system
- Supports maximum 10 doors management at remote site
- Supports inBio series/ C3 series controllers
- Supports AI Visible Light Facial Recognition devices such as SpeedFace-H5/V5, FaceDepot-7A/7B
- Supports standalone access control PUSH firmware devices such as F18, F19, BioPro series
- Available to upgrade to standard ZKBioSecurity software

### System Topology



### Specifications

Architecture	B/S
Protocol	Push SDK & Pull SDK
Access Control Devices	- Access Control Panels (C3 / inBio Series) - Standalone Access Control Devices with PUSH Firmware (F18 / F19 / BioPro SA30 / BioPro SA50) - Visible Light Facial Recognition Series
Multiple Admin Login	Supported
Database	PostgreSQL
License Control	Supported
Service Policy	1 Year Free Warranty



## Green Label

Green Label is a project-oriented high-end product line equipped with innovative features such as SilkID fingerprint sensor with 3D NFPV technology capable to provide an exceptional performance towards dry, wet, and rough fingerprints.

## Access Control - Multi-biometric



ProBio

- **Display:** 2.8-inch TFT LCD touch screen
- **Face Capacity:** 2,000 (1:N) 4,000 (1:1)
- **Fingerprints Capacity:** 4,000
- **Card Capacity:** 10,000
- **User Photo:** 4,000
- **Event Photo:** 2,000
- **Access Control Interface:** Lock relay output, Alarm output, Auxiliary input, Exit button, Door sensor, Door bell output
- **Transaction:** 100,000
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader
- **Software:** ZKBioSecurity, BioTime (Optional)
- **Working Temperature:** -10 °C ~ 50 °C
- **Dimensions:** 190.8\*85\*103 mm
- **Communication:** TCP/IP, RS485 (for slave reader), USB Host, Wiegand input/output, Security relay box
- **Hardware:** 1.2 GHz high speed CPU, Memory 128MB RAM/ 256MB Flash, SilkID fingerprint sensor, Hi-Fi voice & indicator, Tamper switch alarm, Dual IR camera
- **Standard Functions:** Access Levels, Group, Holidays, DST, Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver, 125kHz EM Reader
- **Optional Functions:** Mifare Card, ZK Encrypted Card
- **Special Functions:** Multiple Biometric Verification Modes, Alive Finger Detection, Event Snapshot, User Photo, Fingerprint Card



inPulse+

- **Display:** 2.8-inch TFT LCD touch screen
- **Fingervein Capacity:** 1,500
- **Fingerprint Capacity:** 1,500
- **Card Capacity:** 2,000
- **Access Control Interface:** Lock Relay Output, Alarm Output, Auxiliary Input, Exit Button, Door Sensor, Doorbell Output
- **Transaction:** 100,000
- **Compatibility:** Wiegand Slave Reader
- **Software:** ZKBioSecurity
- **Working Temperature:** -10 °C ~ 50 °C
- **Dimensions:** 201.7\*85\*102.7 mm
- **Communication:** TCP/IP, USB Host, Wiegand Input/ Output, USB Host, Security Relay Box
- **Hardware:** 1.2 GHz High Speed CPU, Memory 128MB RAM/ 256MB Flash, ZK Fingerprint Sensor, 125KHz EM Reader, Hi-Fi Voice & Indicator, Tamper Switch Alarm
- **Standard Functions:** Access Levels, Groups, Holidays, DST, Bell Schedule, Duress Mode (Password), Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Optional Functions:** Mifare Card, ZK Encrypted Card
- **Special Functions:** Multiple Verification Modes

## Access Control - Face



ProFAC

- **Display:** 2.8-inch TFT LCD touch screen
- **Face Capacity:** 2,000 (1:N) 4,000 (1:1)
- **Card Capacity:** 10,000
- **User Photo:** 4,000
- **Event Photo:** 2,000
- **Access Control Interface:** Lock Relay Output, Alarm Output, Auxiliary Input, Exit Button, Door Sensor, Doorbell Output
- **Transaction:** 100,000
- **Compatibility:** Wiegand Slave Reader
- **Software:** ZKBioSecurity
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA
- **Working Temperature:** -10 °C ~ 50 °C
- **Dimensions:** 190.5\*85\*103 mm
- **Communication:** TCP/IP, RS485 (For Slave Reader), USB Host, Wiegand Input/Output, Security Relay Box
- **Hardware:** 1.2 GHz Dual Core CPU, Memory 128MB RAM/ 256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm
- **Standard Functions:** Access Levels, Groups, Holidays, DST, Bell Schedule, Duress Mode (Password), Anti-Passback, Record Query, Custom Wallpaper & Screen Saver, 125KHz EM Reader
- **Optional Functions:** Mifare Card, ZK Encrypted Card
- **Special Functions:** Multiple Verification Modes, Event Snapshot, User Photo

## Access Control - Fingervein



inPulse

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

## Access Control - Fingerprint



- **Display:** 2.4-inch TFT LCD screen
- **Fingerprints Capacity:** 20,000
- **Card Capacity:** 20,000
- **User Photo:** 3,000
- **Event Photo:** 7,000
- **Access Control Interface:** Lock Relay Output, Alarm Output, Auxiliary Input, Exit Button, Door Sensor, Doorbell Output
- **Transaction:** 100,000
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader
- **Software:** ZKBioSecurity, BioTime (Optional)
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA
- **Working Temperature:** -10 °C ~ 50 °C,
- **Dimensions:** 195.5\*87\*35 mm
- **Communication:** TCP/IP, RS485 (For Slave Reader), USB Host, Wiegand Input/ Output, Security Relay Box
- **Hardware:** 1.2 GHz High Speed CPU, Memory 128MB RAM/256MB Flash, SilkID Fingerprint Sensor, 125KHz EM Reader, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad, 120° Wide Angle Camera
- **Standard Functions:** Access Levels, Groups, Holidays, DST, Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Optional Functions:** Mifare Card, ZK Encrypted Card, User Photo
- **Special Functions:** Multiple Verification Modes, Alive Finger Detection, Event Snapshot, Fingerprint Card



ProCapture-T



ProCapture-WP



- **Display:** 2.4-inch TFT LCD screen
- **Fingerprints Capacity:** 20,000
- **Card Capacity:** 10,000
- **Access Control Interface:** Lock Relay Output, Alarm Output, Auxiliary Input, Exit Button, Door Sensor, Doorbell Output
- **Fingerprint Sensor:** BioID
- **Transaction:** 100,000
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader
- **Software:** ZKBioSecurity
- **Working Temperature:** -10 °C ~ 50 °C,
- **Dimensions:** 203\*97\*35 mm,
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA
- **Communication:** TCP/IP, RS485 (For Slave Reader), Wiegand Input/ Output, Security Relay Box
- **Hardware:** 1.2 GHz Dual Core CPU, Memory 128MB RAM/ 256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad, 125kHz EM Reader
- **Standard Functions:** Access Levels, Group, Holidays, DST, Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Optional Functions:** Mifare Card, ZK Encrypted Card, Fingerprint Card
- **Special Functions:** Multiple Verification Modes, Waterproof

## Access Control - Card



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



ProCapture-X



ProRF-T



- **Display:** 2.4-inch TFT LCD screen
- **Card Capacity:** 50,000
- **User Photo:** 3,000
- **Event Photo:** 7,000
- **Access Control Interface:** Lock Relay Output, Alarm Output, Auxiliary Input, Exit Button, Door Sensor, Doorbell Output
- **Transaction:** 100,000
- **Compatibility:** Wiegand Slave Reader
- **Software:** ZKBioSecurity
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA
- **Working Temperature:** 0 °C ~ 50 °C
- **Dimensions:** 195.5\*87\*35 mm
- **Communication:** TCP/IP, USB Host, Wiegand Input/ Output, Security Relay Box
- **Hardware:** 1.2GHz High Speed CPU, Memory 128MB RAM/ 256MB Flash, 125KHz EM Reader, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad
- **Standard Functions:** Access Levels, Groups, Holidays, DST, Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Optional Functions:** Mifare Card, ZK Encrypted Card, User Photo
- **Special Functions:** Multiple Verification Modes, Event Snapshot



ProRF

- **Card Capacity:** 60,000 (Standard)/ 100,000 (Optional)
- **Transactions:** 1,000,000
- **Access Control Interface:** Lock Relay Output, Alarm Output, Auxiliary Input, Exit Button, Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader
- **Software:** ZKBioSecurity
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA
- **Working Temperature:** -20°C ~ 65°C
- **Dimensions:** 131\*80\*20.6 mm
- **Communication:** TCP/IP, RS232/485, Wiegand Input/Output, Security Relay Box
- **Hardware:** 1.0 GHz High Speed CPU, Memory 64MB RAM/128MB Flash, 125KHz EM Reader/ Mifare (Optional), HID Prox. (Optional), Beep and LED indicator
- **Standard Functions:** Access Levels, Groups, Holidays
- **Special Functions:** IP67

## Access Control - Readers



ProID10



ProID20



ProID30



ProID40

Model	ProID10	ProID20	ProID30	ProID40
Card Type	125kHz EM, 13.56MHz Mifare, 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

## Access Control - Control Panel



inBio160 Pro



inBio260 Pro



inBio460 Pro

Model	inBio160 Pro	inBio260 Pro	inBio460 Pro
Number of doors controller	1 Door	2 Door	4 Door
Numbers of Readers Supported	4 (2 RS-485 Reader, 2 wiegand reader)	8 (4 RS-485 Reader, 4 wiegand reader)	12 (8 RS-485 Reader, 4 wiegand reader)
Types of Readers Supported	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 One 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 Capacity	60,000		
Fingerprint Capacity	20,000		
Log Events Capacity	100,000		
Communication	TCP/IP		
Hardware	32bit 1.2 GHz CPU, 128MB RAM, 256MB Flash		
Power	9.6V - 14.4V DC		
Operating Environment	0°C - 45 °C; 20% ~ 80%		
Package Dimension	350(L)*90(H)*300(W) mm		
Dimension (without Metal Box)	185(L)*106(W)*36(H) mm		226(L)*106(W)*36(H) mm



inBioPro Package B

Item	Description	Quantity
inBio160/260/460 Pro	Control Panel	1 ea
Case01	Metal Case	1 ea
ZKPSM030B	Power Supply, DC12V 3A, Available to charge for Battery Backup	1 ea
FR107	Diode for lock	1 ea
Key	Key for Metal Case	2 ea
Gross Weight	3.6 to 3.7 kg	-
Size (L*H*W) mm	350*90*300	-

## Time Attendance - Multi-biometric



### G3



- **Display:** 4.3-inch touch screen
- **Face Capacity:** 3,000 (1:N) 5,000 (1:1)
- **Fingerprint Capacity:** 5,000
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Software:** BioTime
- **Power Supply:** 12V 3A
- **Working Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 199.2\*171.8\*96.9 mm
- **Fingerprint:** FAR≤0.0001% FRR≤0.01%
- **Face:** FAR≤0.001% FRR≤1%
- **Communication:** TCP/IP, USB Host, Wiegand Output
- **Hardware:** 1.2 GHz High Speed CPU, Memory 128MB RAM/ 256MB Flash, SilkID Fingerprint Sensor, Hi-Fi Voice & Indicator, Tamper Switch Alarm
- **Standard Functions:** ID Card, Work Code, ADMS, DST, SMS, Bell Schedule, Attendance Status Auto-Switch, Record Query, Photo ID, Custom Wallpaper & Screen Saver
- **Optional Functions:** HID Proxy Card, Mifare Card, Wi-Fi, 3G, External Printer, Battery (2,000 mAh), POE (Standard IEEE 802.3at)
- **Special Functions:** Multiple Verification Modes, Alive Finger Detection, Duplicate Face Detection



### G3 Plus



- **Display:** 4.3-inch touch screen
- **Face Capacity:** 3,000 (1:N) 4,000 (1:1)
- **Fingerprint Capacity:** 10,000
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Software:** BioTime
- **Power Supply:** 12V 3A
- **Working Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 199.2\*171.8\*131.3 mm
- **Fingerprint:** FAR≤0.0001% FRR≤0.01%
- **Face:** FAR≤0.001% FRR≤1%
- **Communication:** TCP/IP, USB Host, Wiegand Output
- **Hardware:** 1.2 GHz High Speed CPU, Memory 128MB RAM/ 256MB Flash, SilkID Fingerprint Sensor, 168 Infrared Sensors
- **Standard Functions:** ID Card, Work Code, ADMS, DST, SMS, Bell Schedule, Attendance Status Auto-Switch, Record Query, Photo ID, Custom Wallpaper & Screen Saver
- **Optional Functions:** HID Proxy Card, Mifare Card, Wi-Fi, 3G, External Printer, Battery (2,000 mAh), POE(Standard IEEE 802.3at)
- **Special Functions:** Precise facial recognition under strong sunlight (up to 60,000 Lux), Latest ZKTeco Facial Recognition Algorithm, Easy to recognize users wearing glasses and hat, Prevents repeated face registration



### G3-H



	Standard	Optional
Face Capacity	3,000 (1:N) 10,000 (1:1)	3,000 (1:N) 30,000 (1:1)
Fingerprint Capacity	10,000 (1:N)	50,000 (1:N)
Card Capacity	10,000	50,000
Transaction Capacity	1,000,000	1,000,000

- **Display:** 4.3-inch touch screen
- **Sensor:** SilkID Fingerprint Sensor
- **Communication:** TCP/IP, USB Host, Wiegand Output
- **Hardware:** 1.2 GHz High Speed CPU, Memory 1GB RAM/ 1GB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm
- **Access Control Interface:** Lock Relay Output, Alarm Output, Exit Button, Door Sensor, External Bell
- **Standard Functions:** ID Card, Work Code, ADMS, DST, SMS, Bell Schedule, Attendance Status Auto-Switch, Record Query, Photo ID, Custom Wallpaper & Screen Saver
- **Optional Functions:** HID Proxy Card, Mifare Card, Wi-Fi, 3G, External Printer, Battery (2,000 mAh), POE (Standard IEEE 802.3at)
- **Special Functions:** Multiple Verification Modes, Alive Finger Detection, Duplicate Face Detection
- **Software:** BioTime
- **Power Supply:** 12V 3A
- **Working Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 199.2\*171.8\*96.9 mm
- **Fingerprint:** FAR≤0.0001% FRR≤0.01%
- **Face:** FAR≤0.001% FRR≤1%

## Time Attendance - Fingerprint T&A and Access Control



G2



- **Display:** 3.5-inch TFT LCD screen
- **Fingerprint Capacity:** 40,000
- **ID Card Capacity:** 40,000
- **Logs Capacity:** 200,000
- **Sensor:** SilkID Fingerprint Sensor
- **Software:** BioTime
- **Working Temperature:** 0 °C ~ 45 °C
- **Dimensions:** 206.0\*153.0\*42.9 mm
- **Fingerprint:** FAR≤0.0001% FRR≤0.01%
- **Communication:** TCP/IP, USB Host, Wiegand Input/Output
- **Hardware:** 1.2 GHz High Speed CPU, Memory 128MB RAM/ 256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm
- **Standard Functions:** Work Code, ADMS, DST, SMS, Bell Schedule, ID Card, Photo ID, Attendance Status Auto-Switch, Record Query, Anti-Passback, Custom Wallpaper & Screen Saver
- **Optional Functions:** HID Proxy Card, Mifare Card, Wi-Fi, 3G, External Printer
- **Special Functions:** Multiple Verification Modes, Alive Finger Detection

## Time Attendance - Fingerprint T&A



G1



- **Display:** 2.8-inch TFT LCD screen
- **Fingerprint Capacity:** 5,000
- **ID Card Capacity:** 15,000
- **Logs Capacity:** 100,000
- **Sensor:** SilkID Fingerprint Sensor
- **Software:** BioTime
- **Working Temperature:** 0 °C ~ 45 °C
- **Dimensions:** 190.08\*140\*46.02 mm
- **Fingerprint:** FAR≤0.0001% FRR≤0.01%
- **Communication:** TCP/IP, USB Host, USB Client
- **Hardware:** 1.2GHz High Speed CPU, Memory 128MB RAM / 256MB Flash, Hi-Fi Voice & Indicator
- **Standard Functions:** Work Code, ADMS, DST, Bell Schedule, ID Card, Photo ID, Attendance Status Auto-Switch, Record Query, Custom Wallpaper & Screen Saver
- **Optional Functions:** HID Proxy Card, Mifare Card, Wi-Fi, External Printer
- **Special Functions:** Multiple Verification Modes, Alive Finger Detection



## Standalone Terminal - Visible Light Face Device



G4

- **Display:** 7-inch touch screen (1280\*800 pixels)
- **Face Capacity:** 10,000 (1:N)
- **Fingerprint Capacity:** 10,000
- **Mifare Card Capacity:** 10,000 (RFID Card Optional)
- **Transaction Capacity:** 1,000,000
- **Sensor:** SilkID Fingerprint Sensor
- **Camera:** 2NP Binocular Camera
- **CPU:** High Performance Android Industrial CPU
- **Memory:** 2G DDR3 RAM/16G ROM
- **Software:** BioTime, ZKBioSecurity (Time Attendance)
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 50 °C
- **Operating Humidity:** <90%
- **Dimensions:** 264\*120\*51 mm
- **Communication:** TCP/IP, USB Host, Wiegand Input, Wiegand Output
- **Access Control Interface:** Lock Relay Output, Exit Button, Alarm Output, Door Sensor, External Bell
- **Standard Functions:** Mifare Card, 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 (1280\*720 pixels)
- **Face Capacity:** 10,000 (1:N)
- **Distance Detector:** 50cm ~ 150cm
- **CPU:** Quad-core A17 1.8GHz
- **Memory:** 2GB / 16G ROM
- **Card Capacity:** 10,000 (Optional)
- **Transaction Capacity:** 100,000
- **Communication:** TCP/IP, 2ch USB, RS485 (for external reader), RS232
- **Access Control Interface:** Door Lock, Door Sensor, Alarm, Exit Button, Auxiliary Input, Wiegand In/Out
- **Audio:** 2\* Loudspeaker
- **Standard Function:** Anti-passback, Barrier Control
- **Optional Function:** ID/Mifare card, Wi-Fi
- **Power Supply:** 12V 3A
- **Operating Temperature:** -10 °C ~ 45 °C
- **Operating Humidity:** 10% - 90%
- **Software:** ZKBioAccess, ZKBioSecurity, BioTime (Optional)
- **Dimension:** 158.0\*311.0\*41.8 mm



ProFace X

- **Display:** 8-inches (400 lux) IPS touch LCD
- **Face Capacity:** 30,000 (1:N) / (50,000 Optional)
- **Users/ Card Capacity:** 30,000 (Optional)
- **Transaction Capacity:** 1,000,000
- **User Photos:** 30,000
- **Event Photos:** 300,000
- **Verification Distance:** Up to 2.5 meters
- **CPU:** 900MHz Dual Core Customized CPU
- **Memory:** 512MB RAM/ 8G Flash
- **Camera:** 2MP WDR camera
- **Communication:** TCP/IP, RS485/RS232, Wiegand Input/Output
- **Access Control Interface:** Lock relay output, Alarm output, Auxiliary input, Exit button, Door sensor
- **Standard Functions:** Adjustable light brightness LED, Hi-Fi voice, Receiver sensitivity microphone, Distance detection sensor, Reset button and tamper switch
- **Special Functions:** IP67 & IK04, ≤0.3s verification speed, Live face detection, HTTPS communication encrypted (Optional), Event snapshot
- **Optional Functions:** ID/Mifare Card, Wi-Fi
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -30 °C ~ 60 °C; ≤93% humidity
- **Dimension:** 227\*143\*26 mm
- **Software:** ZKBioAccess, ZKBioSecurity, BioTime



FaceDepot-7B

- **Display:** 7-inch screen touch screen (1280\*720 pixels)
- **Face Capacity:** 10,000 (1:N)
- **FP Capacity:** 10,000 (Optional)
- **Card Capacity:** 10,000 (Optional)
- **Transaction Capacity:** 100,000
- **Verification Distance:** 30cm ~ 300cm
- **Camera:** 2MP dual lens
- **CPU:** Quad-core A17 1.8GHz
- **Memory:** 2GB/ 16G ROM
- **Communication:** TCP/IP, USB-host, RS485 (for external reader), RS232
- **Access Control Interface:** Door Lock, Door Sensor, Alarm, Exit Button, Auxiliary Input, Wiegand In/Out
- **Audio:** Loudspeaker
- **Standard Function:** Anti-passback, Barrier Control
- **Optional Function:** Fingerprint Module, ID card, Mifare card, Wi-Fi
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -10 °C ~ 45 °C
- **Operating Humidity:** 10% ~ 90%
- **Waterproof:** IP65
- **Software:** ZKBioAccess, ZKBioSecurity, BioTime
- **Dimension:** Without fingerprint: 112.9\*210.0\*22.0 mm  
With fingerprint: 112.9\*258.8\*22.0 mm



SpeedFace-H5

SpeedFace-V5



- **Display:** 5-inch touch screen
- **Face Capacity:** 10,000 (1:N)
- **Fingerprint Capacity:** 10,000
- **Card Capacity:** 10,000 (H5: Standard; V5: Optional))
- **Transaction Capacity:** 200,000
- **Verify Distance:** 30cm ~ 300cm
- **CPU:** Quad-core A17 1.8GHz
- **Memory:** 2GB RAM/ 16G ROM
- **Camera:** 2MP Dual Lens
- **Communication:** TCP/IP, RS485 (for external reader), RS232
- **Access Control Interface:** Door Lock, Door Sensor, Alarm, Exit Button, Auxiliary Input, Wiegand In/Out
- **Audio:** Loudspeaker
- **Standard Function:** Anti-passback
- **Optional Function:** ID/Mifare Card, Wi-Fi
- **Power Supply:** 12V, 3A
- **Operating Temperature:** -10 °C - 45 °C
- **Humidity:** 10%-90%
- **Software:** ZKBioAccess, ZKBioSecurity, BioTime

## Multipurpose Face Recognition Device



FaceKiosk-V43

- Attendance Record Capacity: 100,000
- Face Template Capacity: 10,000
- User Capacities: 10,000
- Communication: TCP/IP, Wi-Fi, USB Host, Bluetooth
- Screen Dimension: 43-inch touch screen
- Recognition Distance: up to 5 meters, simultaneous dynamic recognition of 3-5 people
- Effective Response Area: 950\*535 mm (V \*H)
- Aspect Ratio: 16:9
- Operating System : Android 7.1.2
- CPU: Quad-core A17
- ROM: 32GB
- RAM: DDR3 4GB
- Frequency: 2.0GHZ
- Power Supply: AC110 ~ 240V
- Operating Humidity: 10% ~ 98%
- Operating Temperature: -10 °C~ 50 °C
- Dimension: 1787\*603\*30 mm
- Gross Weight : 47.5 kg



FaceKiosk-V32

- Attendance Record Capacity: 100,000
- Face Template Capacity: 10,000
- User Capacities: 10,000
- Communication: TCP/IP, Wi-Fi, USB Host, Bluetooth
- Screen Dimension: 32-inch touch screen
- Recognition Distance: up to 5 meters, simultaneous dynamic recognition of 3-5 people
- Effective Response Area: 699\*393 mm (V \*H)
- Aspect Ratio: 16:9
- Operating System : Android 7.1.2
- CPU: Quad-core A17
- ROM: 32GB
- RAM: DDR3 4GB
- Frequency: 2.0GHZ
- Power Supply: AC110 ~ 240V
- Operating Humidity: 10% ~ 98%
- Operating Temperature: -10 °C~ 50 °C
- Dimension: 1700\*492\*45 mm
- Gross Weight : 37 kg



FaceKiosk-H32

- Attendance Record Capacity: 100,000
- Face Template Capacity: 10,000
- User Capacities: 10,000
- Communication: TCP/IP, WIFI, USB Host, Bluetooth
- Screen Dimension: 32-inch touch screen
- Effective Response Area: 708\*398 mm (V \*H)
- Aspect Ratio: 16:9
- Operating System : Android 7.1.2
- CPU: Quad-core A17
- ROM: 32GB
- RAM: DDR3 4GB
- Frequency: 2.0GHZ
- Power Supply: AC110 - 240V
- Operation Temperature: -10 °C ~ 50 °C; 10% ~ 98% humidity
- Dimension: 769\*494\*49.16 mm



FaceKiosk-H21

- Attendance Record Capacity: 100,000
- Face Template Capacity: 10,000
- User Capacities: 10,000
- Communication: TCP/IP, WIFI, USB Host, Bluetooth
- Screen Dimension: 21.5-inch touch screen
- Effective Response Area: 476\*267 mm (V \*H)
- Aspect Ratio: 16:9
- Operating System : Android 7.1.2
- CPU: Quad-core A17
- ROM: 32GB
- RAM: DDR3 4GB
- Frequency: 2.0GHZ
- Power Supply: AC110 - 240V
- Operating Temperature: -10 °C ~ 50 °C; 10% ~ 98% humidity
- Dimension: 541\*370\*49 mm



FaceKiosk-H13

- Attendance Record Capacity: 100,000
- Face Template Capacity: 10,000
- User Capacities: 10,000
- Communication: TCP/IP, Wiegand
- Screen Dimension: 13.3-inch capacitive touch screen
- Resolution: 1920\*1080
- Operating System : Android 5.1.1
- CPU: Quad-core A17 1.8GHZ
- ROM: 16GB
- RAM: DDR3 2GB
- Communication Port: 2\*USB, 1\*RJ45, TF card slot, 1\*HDMI, RS232/485
- Power Supply: 12V 3A
- Camera Pixel: 2 million
- Dimension: 323\*268\*25 mm

# Facial Camera

## Visible Light Facial Capture/ Identification Camera

### Note:

FC - Facial Capture                    0 - Half-dome shape  
 FI - Facial Identification            1 - Box type



FC700/FI700



FI710/FC710-L/FI710-L

- 1/2.8" 2-million pixel line by line scan CMOS 2M, 1920\*1080 @ 30fps
- Supports GB/T28181 and ONVIF
- RJ45 10M/100M self-adaptive network
- Supports H.265/H.264 high definition low bit stream coding
- Supports HTTPS for secure communication
- Supports fog penetration function

- 1/1.8" 2-million pixel line by line scan CMOS, 12-50mm focus 2M, 1920\*1080 @ 30fps
- Supports GB/T28181 and ONVIF
- RJ45 10M/100M self-adaptive network
- Supports H.265/H.264 high definition low bit stream coding
- Expanding local storage with micro SD card up to 256GB (only for FI710)
- Supports HTTPS for secure communication
- Supports fog penetration function

Model	FC700	FC710-L (Lite)	FI700	FI710-L (Lite)	FI710
Facial Recognition Algorithm	N	N	Y	Y	Y
Face Comparison	N	N	Y	Y	Y
Smart Detection	Y	Y	Y	Y	Y
Real-Time Capture	Y	Y	Y	Y	Y
High definition	Y	Y	Y	Y	Y
Lightning Protection	Y	Y	Y	Y	Y
Face Templates Capacity	N/A	N/A	5,000	5,000	20,000
BioServer Series Compatible	Compatible	Compatible	Compatible (Template capacity is non-stackable)	Compatible (Template capacity is non-stackable)	Compatible (Template capacity is non-stackable)

### Features:

- Supports multi-channel 1080P video stream and JPEG image
- Supports Blacklist alert and VIP account management
- Supports facial recognition, gender, and age analysis



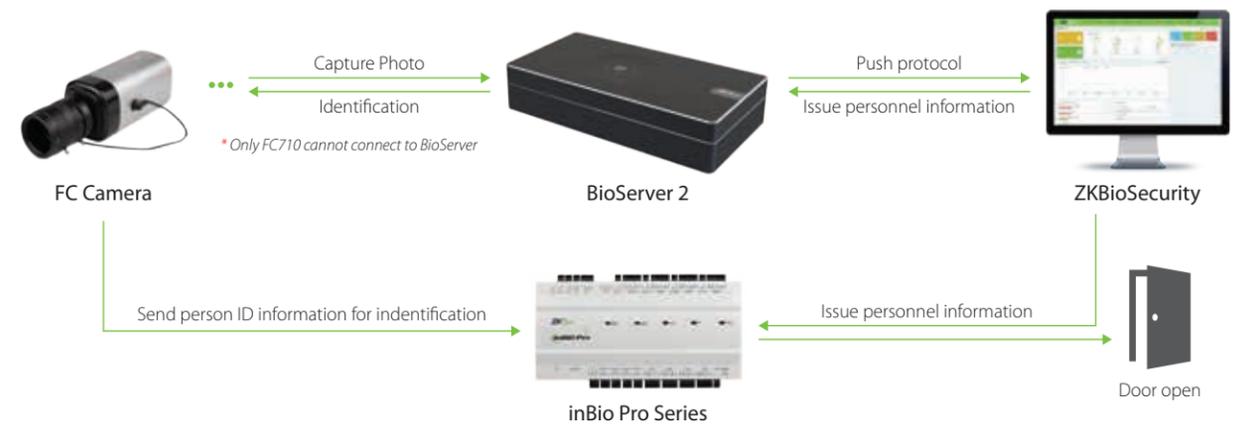
BioServer 2



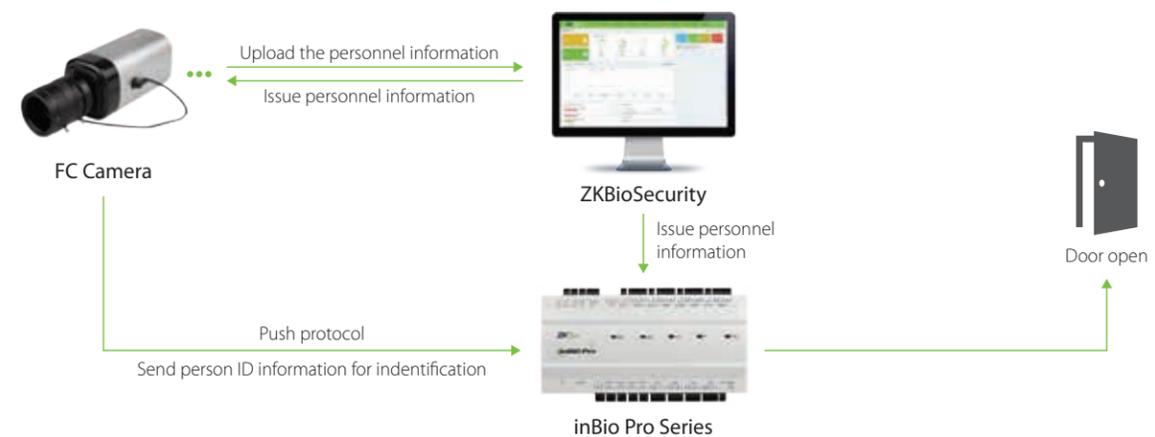
BioServer Pro 2

- CPU: 3.2 TFLOPS, special processor
- Flash: 32GB
- Facial Templates: 30,000
- Recognition Speed: 50 faces/second
- Heat Dissipation: Active cooling
- Storage: Local and cloud

- CPU: Intel E5-2600\*2, GPU processor
- Memory: 8GB RAM; 32GB Flash
- Hard Disk: 2TB Enterprise class hard disk
- Facial Templates: 200,000
- Target storage capacity: 1,000,000
- Number of target libraries: 200
- Storage: Local and cloud
- 1:N image concurrent comparison: 125 pictures/s



A BioServer 2 can be connected to 8 units of FC cameras at the same time.

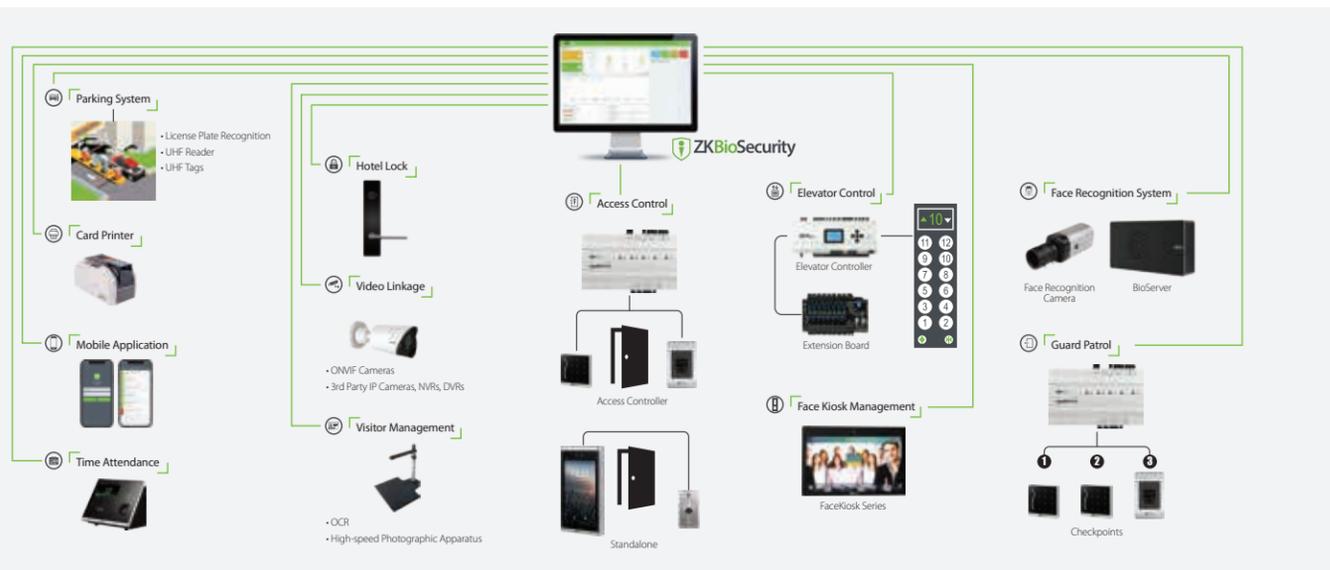


# ZKBioSecurity



## Complete Security Management Platform

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/offline), hotel module, visitor management, parking, guard patrol, and video linkage. With an optimized system architecture designed for high-level biometric identification and a modern user-friendly GUI, ZKBioSecurity provides the most advanced solution for a whole new user experience.



### Features

- Web Based Platform
- All-In-One Solution
- 8000+ Doors Management Capacity
- Data Auto-Backup Function
- Intelligent Face Recognition
- High Security Data Transmission
- Supports 3rd Party Video Cameras
- Global Anti-Passback and Linkage
- Huge Data Processing Capability
- E-mail Notifications
- Online Guard Patrol Feature
- Time Management
- Flexible Verification Mode
- Activate or Deactivate the Door
- Time Zone Settings for Exit button and Auxiliary Input

### Software Specifications

Latest Version	V5000 (2019.07)
Previous Version	3.2.0.0_R
System Architecture	Server/Browser
Door Capacity	1,200 Single Server / Unlimited Doors Multi-Server
User Capacity	30,000*
Database	PostgreSQL (Default), MS SQL Server, Oracle (Optional)
Supported OS	Windows 7/8/8.1/10/Server 2008/2012/2016
Suggested Browsers	IE 11+ / Firefox 27+ / Chrome 33+

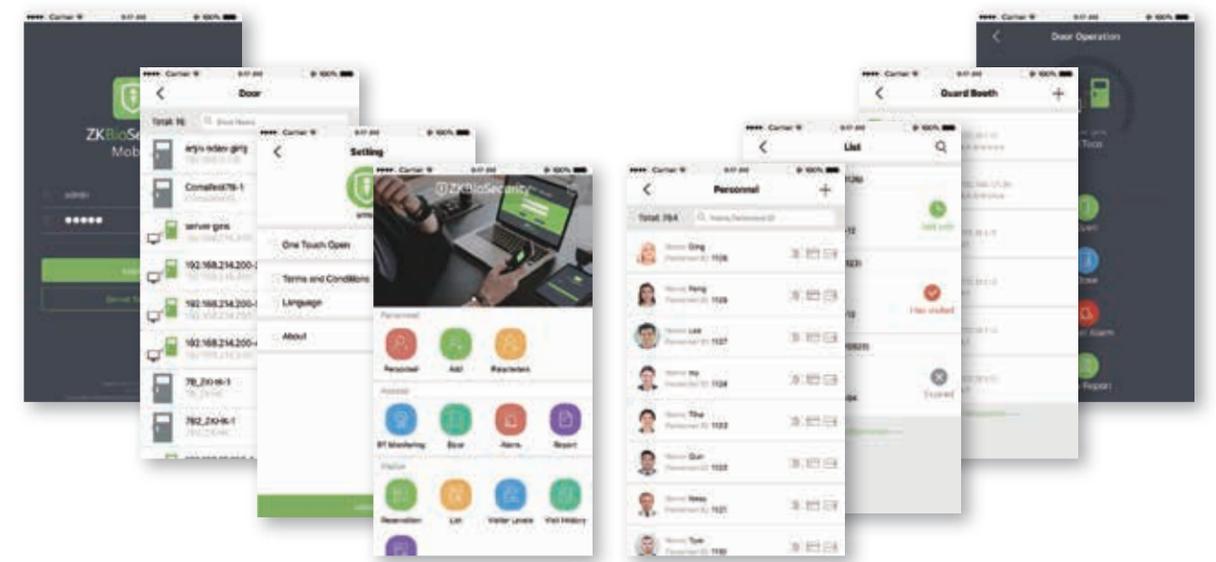
\* Please refer to the server configuration suggestion file according to your requirements.

### Minimum Requirements

CPU	Dual core processor with speeds of 2.4GHz or more
Memory	4GB or above
Storage	30GB free space or more (NTFS Recommended)
Monitor Resolution	1024*768 or above

# ZKBioSecurity Mobile

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

# Entrance Control

Entrance control management focuses in access control, parking management and visitor management system using intelligent turnstiles. In different environments, different types of entrance control devices are required. Whether public venues or private enterprises, ZKTeco has the right solution in controlling your entrance gates/doors.

ZKTeco integrated biometrics into entrance control in order to provide more intelligent management solutions.





**NOTES:**

TS/FBL/SBTL/FHT--00: Turnstile only

TS/FBL/SBTL/FHT--11: Turnstile with RFID reader and controller

TS/FBL/SBTL/FHT--22: Turnstile with RFID & fingerprint reader and controller

TS/FBL/SBTL/FHT--33: Turnstile with facial recognition device

## Tripod Turnstile

**TS1011 Pro**



**TS1022 Pro**



Model	TS1000 Pro	TS1011 Pro	TS1022 Pro
Power Requirements	AC 220V/110V, 50/60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	5% ~ 80%		
Working Environment	Indoor/Outdoor (if sheltered)		
Speed of Throughput	-	30/min	25/min
Lane Width (mm)	500		
Footprint (mm*mm)	520*810		
Dimension (mm)	520(L)*310(W)*1010(H)		
Dimension with Packing (mm)	570(L)*365(W)*1080(H)		
Cabinet Material	SUS304 Stainless Steel		
Barrier Material	SUS304 Stainless Steel		
Barrier Movement	Rotating		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		
Options/Accessories	Counter, SUS316 Cabinet and Lid, Remote Control		

**TS2011 Pro**



**TS2022 Pro**



Model	TS2000 Pro	TS2011 Pro	TS2022 Pro
Power Requirements	AC 220V/110V, 50/60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	5% ~ 80%		
Working Environment	Indoor/Outdoor (if sheltered)		
Speed of Throughput	-	30/min	25/min
Lane Width(mm)	505		
Footprint(mm*mm)	785*1110		
Dimension(mm)	1110(L)*280(W)*987(H)		
Dimension with Packing(mm)	1175(L)*370(W)*1070(H)		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel		
Barrier Material	SUS304 Stainless Steel		
Barrier Movement	Rotating		
Emergency Mode	Y		
Security Level	Medium		
MCBF	2 million		
Options/Accessories	Counter, SUS316 Cabinet and Lid, Remote Control		



## Flap Barrier

### FBL6011 Pro



### FBL6022 Pro



### FBL6033 Pro



### FBL6211 Pro



### FBL6222 Pro



### FBL6233 Pro



Model	FBL6000 Pro	FBL6011 Pro	FBL6022 Pro	FBL6033 Pro
Power Requirement	AC 100 ~ 120V/200 ~ 240V, 50/60Hz			
Working Temperature	-28°C ~ 60°C; 5% ~ 80% humidity			
Working Environment	Indoor/Outdoor (if sheltered)			
Speed of throughput	30/min			
Lane Width (mm)	600			
Footprint (mm*mm)	1400*1200			
Dimension (mm)	1400*300*1000 (L*W*H)			
Dimension with Packing (mm)	1500*380*1100 (L*W*H)			
Net Weight (kg)	130			
Weight with Packing (kg)	200			
LED Indicator	Yes			
Cabinet Material	SUS304 Stainless Steel			
Lid Material	SUS304 Stainless Steel + Acrylic			
Barrier Material	Acrylic			
Barrier Movement	Retracting			
Emergency Mode	Yes			
Security Level	Medium			

Model	FBL6200 Pro	FBL6211 Pro	FBL6222 Pro	FBL6233 Pro
Power Requirement	AC 100 ~ 120V/200 ~ 240V, 50/60Hz			
Working Temperature	-28°C ~ 60°C; 5% ~ 80% humidity			
Working Environment	Indoor/Outdoor (if sheltered)			
Speed of throughput	30/min			
Lane Width (mm)	600			
Footprint (mm*mm)	1400*863			
Dimension (mm)	1400*300*1000 (L*W*H)			
Dimension with Packing (mm)	1500*380*1100 (L*W*H)			
Net Weight (kg)	79			
Weight with Packing (kg)	116			
LED Indicator	Yes			
Cabinet Material	SUS304 Stainless Steel			
Lid Material	SUS304 Stainless Steel + Acrylic			
Barrier Material	Acrylic			
Barrier Movement	Retracting			
Emergency Mode	Yes			
Security Level	Medium			

**FBL5011 Pro**



**FBL5022 Pro**



Model	FBL5000 Pro	FBL5011 Pro	FBL5022 Pro
Power Requirement	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C ~ 60°C; 5% ~ 80% humidity		
Working Environment	Indoor/Outdoor (if sheltered)		
Speed of throughput	-	30/min	25/min
Lane Width (mm)	600		
Footprint (mm*mm)	1200*1200		
Dimension (mm)	1200*300*1010 (L*W*H)		
Dimension with Packing (mm)	1400*840*1100 (L*W*H)		
Net Weight (kg)	126		
Weight with Packing (kg)	196		
LED Indicator	Yes		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	Tempered Glass		
Barrier Material	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Yes		
Security Level	Medium		
MCBF	2 million		

**FBL5211 Pro**



**FBL5222 Pro**



Model	FBL5200 Pro	FBL5211 Pro	FBL5222 Pro
Power Requirement	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C ~ 60°C; 5% ~ 80% humidity		
Working Environment	Indoor/Outdoor (if sheltered)		
Speed of throughput	-	30/min	25/min
Lane Width (mm)	600		
Footprint (mm*mm)	1200*840		
Dimension (mm)	1200*300*1010 (L*W*H)		
Dimension with Packing (mm)	1400*400*1100 (L*W*H)		
Net Weight (kg)	81		
Weight with Packing (kg)	116		
LED Indicator	Yes		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	Tempered Glass		
Barrier Material	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Yes		
Security Level	Medium		
MCBF	2 million		



**FBL4011 Pro**



**FBL4022 Pro**

Model	FBL4000 Pro	FBL4011 Pro	FBL4022 Pro
Power Requirement	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C ~ 60°C; 5% ~ 80% humidity		
Working Environment	Indoor/Outdoor (if sheltered)		
Speed of Throughput		30/min	25/min
Lane Width (mm)	600		
Footprint (mm*mm)	1350*1200		
Dimension (mm)	1350*300*1010 (L*W*H)		
Dimension with Packing(mm)	1500*400*1100 (L*W*H)		
Net Weight (kg)	142		
Weight with Packing (kg)	211		
LED Indicator	Yes		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel		
Barrier Material	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Yes		
MCBF	2 million		

**FBL4200/4211/4222 Pro**

- Power Supply: AC 220V/110V, 50/60Hz
- Operating Temperature: -28°C ~ 60°C
- Operating Humidity: 5% ~ 85%
- Working Environment: Indoor/Outdoor (if sheltered)
- Lane Width (mm): 600
- Footprint (mm\*mm): 1350\*840
- Dimensions (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: Yes
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: Acrylic
- Barrier Movement: Retracting
- Emergency Mode: Yes
- Security Level: Medium
- MCBF: 2 million



**FBL2011 Pro**



**FBL2022 Pro**

Model	FBL2000 Pro	FBL2011 Pro	FBL2022 Pro
Power Requirement	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C ~ 60°C; 5% ~ 80% Humidity		
Working Environment	Indoor/Outdoor (if sheltered)		
Speed of throughput	-	42/min	35/min
Lane Width (mm)	600		
Footprint (mm*mm)	1200*1150		
Dimension (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	Yes		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel		
Barrier Material	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Yes		
MCBF	2 million		

**FBL2200/2211/2222 Pro**

- Power Supply: AC 220V/110V, 50/60Hz
- Operating Temperature: -28°C ~ 60°C
- Operating Humidity: 5% ~ 80%
- Working Environment: Indoor/Outdoor (if sheltered)
- 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: Yes
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: Acrylic
- Barrier Movement: Retracting
- Emergency Mode: Yes
- Security Level: Medium
- MCBF: 2 million





## Swing Barrier

### SBTL8000 Series



Models:  
 SBTL8-00: Single lane speed gate  
 SBTL8-11: Single lane speed gate w/ controller and ID  
 SBTL8-22: Single lane speed gate w/ controller, fingerprint, and ID  
 SBTL8-33: Single lane speed gate w/ face device

\*Photo shown is a customized set of SBTL8033 + SBT8233 with high and low barrier respectively.

Model	SBTL8000	SBTL8011	SBTL8022	SBTL8033
Power Requirement	AC 100 ~ 120V/200 ~ 240V, 50/60Hz			
Working Temperature	-28°C ~ 60°C; 20% ~ 95% humidity (Non-condensing)			
Working Environment	Indoor			
Speed of throughput	30/min			
Lane Width (mm)	660			
Footprint (mm*mm)	1600*1040			
Dimension (mm)	1600*1040*1500 (L*W*H)			
Dimension with Packing (mm)	1700*1120*1600 (L*W*H)			
Net Weight (kg)	130			
Weight with Packing (kg)	150			
Cabinet Material	SUS304 Stainless Steel			
Lid Material	SUS304 Stainless Steel + Acrylic			
Barrier Material	Acrylic			
Barrier Movement	Swing			
Emergency Mode	Yes			
Security Level	Medium			

### SBTL8200 Series



(High barrier)



(Low barrier)

Model	SBTL8200	SBTL8211	SBTL8222	SBTL8233
Power Requirement	AC 100 ~ 120V/200 ~ 240V, 50/60Hz			
Working Temperature	-28°C ~ 60°C; 20% ~ 95% humidity (Non-condensing)			
Working Environment	Indoor			
Speed of throughput	30/min			
Lane Width (mm)	660			
Footprint (mm*mm)	1600*870			
Dimension (mm)	1600*870*1500 (L*W*H)			
Dimension with Packing (mm)	1700*950*1600 (L*W*H)			
Net Weight (kg)	86			
Weight with Packing (kg)	100			
Cabinet Material	SUS304 Stainless Steel			
Lid Material	SUS304 Stainless Steel + Acrylic			
Barrier Material	Acrylic			
Barrier Movement	Swing			
Emergency Mode	Yes			
Security Level	Medium			



### SBTL5011



### SBTL5022



Model	SBTL5000	SBTL5011	SBTL5022
Power Requirement	AC 100 ~ 120V/200 ~ 240V, 50/60Hz		
Working Temperature	-28°C ~ 60°C; 20% ~ 95% humidity (Non-condensing)		
Working Environment	Indoor		
Speed of throughput	-	30/min	25/min
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	Yes		
Security Level	Medium		
MCBF	2 million		

### SBTL5211



### SBTL5222



- Power Supply: AC 100 ~ 120V/200 ~ 240V, 50/60Hz
- Operating Temperature: -28°C ~ 60°C
- Operating Humidity: 20% - 95% (Non-condensing)
- Working Environment: Indoor
- Throughput: RFID: 30/min; Fingerprint: 25/min
- Lane Width (mm): 650
- Footprint (mm\*mm): 1400\*780
- Dimensions (mm): 1400\*180\*1000 (L\*W\*H)
- Dimension with Packing (mm): 1500\*260\*1100 (L\*W\*H)

- Net Weight (kg): 72
- Weight with Packing (kg): 87
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: Tempered Glass
- Barrier Material: Tempered Glass
- Barrier Movement: Swing
- Emergency Mode: Yes
- Security Level: Medium
- MCBF: 2 million

### SBT1011S



### SBT1022S



- Power Supply: AC110V/220V, 50/60Hz
- Operating Temperature: -28°C ~ 60°C
- Operating Humidity: 5% - 80% (Non-condensing)
- Working Environment: Indoor/Outdoor (if sheltered)
- Throughput: RFID/Fingerprint/Face/Vein: 10/min
- Lane Width (mm): 800
- Footprint (mm\*mm): 985\*200
- Dimensions (mm): 985\*200\*1090 (L\*W\*H)
- Dimension with Packing (mm): 1085\*280\*1160 (L\*W\*H)

- Net Weight (kg): 31
- Weight with Packing (kg): 38
- Cabinet Material: SUS304 Stainless Steel
- Lid Material: SUS304 Stainless Steel
- Barrier Material: Tempered Glass (stainless optional)
- Barrier Movement: Swing
- Emergency Mode: Yes
- Security Level: Medium
- MCBF: 2 million



## Full Height Turnstile

FHT2300/2311/2322



FHT2400/2411/2422



Model	FHT2300/2311/2322	FHT2400/2411/2422
Power Requirement	AC110V/200, 50/60Hz	
Working Temperature	-28°C ~ 60°C; 0% ~ 95% humidity	
Working Environment	Indoor/Outdoor	
Speed of throughput	RFID: 30/min Fingerprint: 25/min Face: 15/min Vein: 15/min	
Lane Width (mm)	580	
Footprint (mm*mm)	1400*1395	1400*1320
Dimension (mm)	1400*1395*2220 (L*W*H)	1400*1320*2220 (L*W*H)
Dimension with Packing (mm)	1975*1085*935 (L*W*H); 2100*1435*735 (L*W*H)	1975*925*895 (L*W*H); 2100*1435*470 (L*W*H)
LED Indicator	Yes	
Cabinet Material	SUS304 Stainless Steel	
Barrier Material	SUS304 Stainless Steel	
Barrier Movement	Rotating	
Emergency Mode	Yes	
Ingress Protection	IP54	
MCBF	2 million	

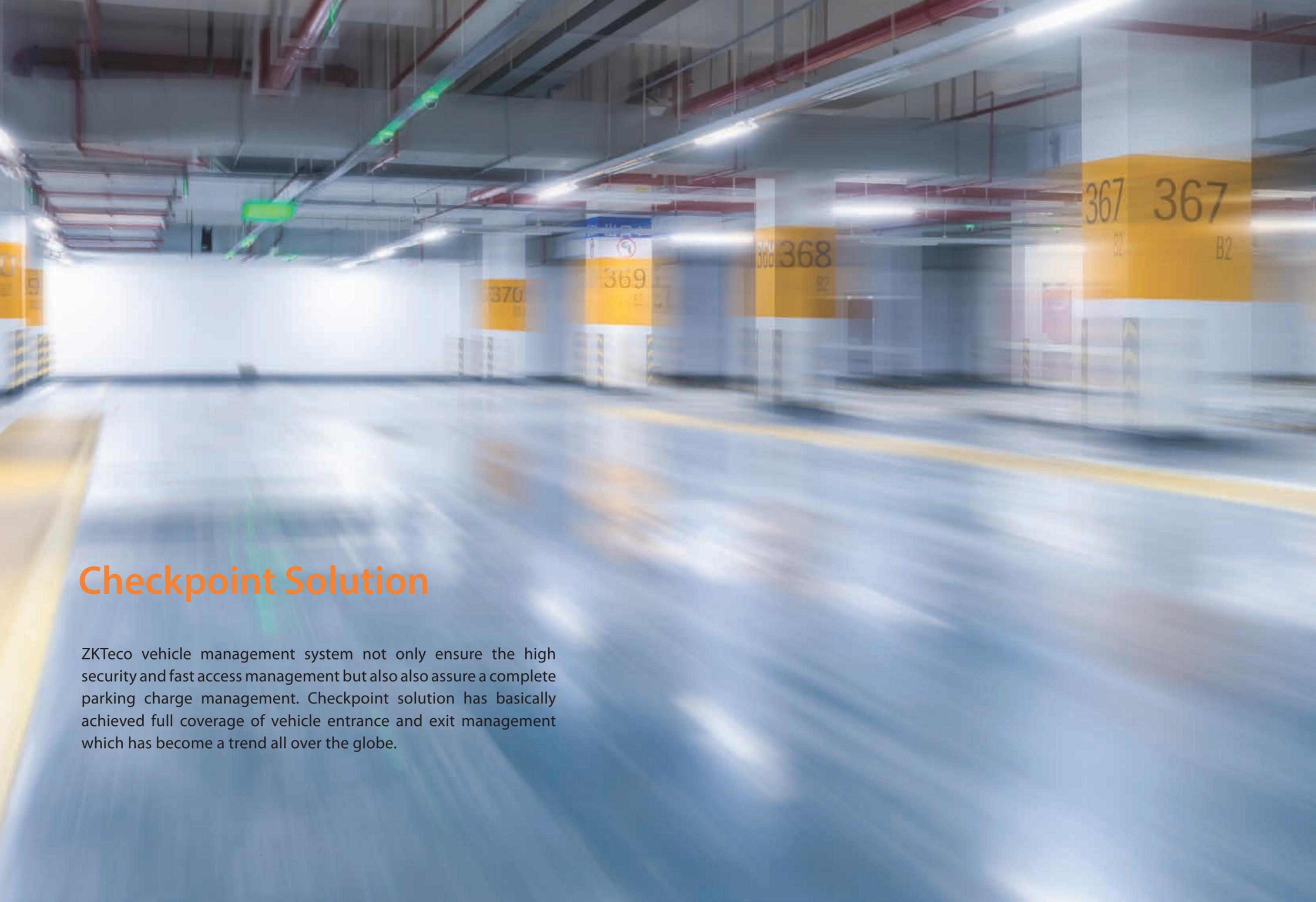
FHT2300D/2311D/2322D



FHT2400D/2411D/2422D



Model	FHT2300D/2311D/2322D	FHT2400D/2411D/2422D
Power Requirement	AC110V/200, 50/60Hz	
Working Temperature	-28°C ~ 60°C; 0% ~ 95% humidity	
Working Environment	Indoor/Outdoor	
Speed of throughput	RFID: 30/min Fingerprint: 25/min Face: 15/min Vein: 15/min	
Lane Width (mm)	580	
Footprint (mm*mm)	2018*1397	2018*1324
Dimension (mm)	2018*1397*2220 (L*W*H)	2018*1324*2220 (L*W*H)
Security Level	High	High
LED Indicator	Yes	
Cabinet Material	SUS304 Stainless Steel	
Barrier Material	SUS304 Stainless Steel	
Barrier Movement	Rotating	
Emergency Mode	Yes	
Ingress Protection	IP54	
MCBF	2 million	



## Checkpoint Solution

ZKTeco vehicle management system not only ensure the high security and fast access management but also also assure a complete parking charge management. Checkpoint solution has basically achieved full coverage of vehicle entrance and exit management which has become a trend all over the globe.

## Under Vehicle Inspection



ZK-VSCN100

- **Scanning Camera:** High-speed line-scanning camera
- **Vertical Resolution of the Image:** >6000\*2048 pixels
- **Speed of Vehicle:** 1 - 60km/h (Recommended speed: ≤30 km/h)
- **Effective Field of View (FOV):** Less than 170°
- **Auxiliary Light:** 160W
- **Weight Capacity:** 30T
- **Waterproof Grade:** IP68
- **Device Weight:** 52 kg
- **Device Size (mm):** 670\*550\*740
- **Package Weight:** 95kg
- **Package Size (mm):** 850\*650\*970
- **Communication Interface:** RJ45
- **Operating Temperature:** -10°C ~ 60°C
- **Operating Voltage:** AC 220V/110V, 50 - 60HZ
- **Surveillance Camera:** 2MP HD camera
- **Storage:** 1TB hard disk



ZK-VSCN200

- **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:** 105 kg
- **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
- **Surveillance Camera:** 2MP HD camera
- **Storage:** 1TB Hard disk



ZK-M3

- **Mirror Diameter:** 300 mm
- **Rod Length:** 1,200 - 1,400 mm
- **Light Source:** LED
- **Device Weight:** 1.6 kg
- **Package Weight:** 24 kg
- **Package Size:** 860\*290\*330 mm
- Available with flashlight mounting bracket
- Mirror with wheels
- 13 mm spanner

## License Plate Recognition

LPRS1000



- **Recognition Accuracy:** Day ≥ 99.9%; Night ≥ 99.7%
- **Recognition Distance:** 2 - 10 meters (Recommended distance: 3.5 - 4m)
- **Recognition Time:** ≤ 200ms (average time)
- **Communication:** TCP/IP
- **I/O Interface:** Two relay, Two RS485 outputs, Audio in/out, Barrier status input, Wiegand in & out
- **Camera Lens:** 2MP, 3.2mm - 11.1mm, Auto focus
- **Output Information:** License plate number and picture, access time
- **CPU:** A7 @ 600 MHz, 32kB I-cache, 32kB D-cache/ 12kB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Working Modes:** Video trigger
- **Supported Countries:** Automatic License Plate Recognition, Real-Time Display Information, Voice Broadcast, Customizable Charging Rules, Export Various Financial Statements, Blacklist and Whitelist Function, Fill Light, Automatic Control Parking Barrier
- **Supported Speed:** 15 km/h

LPRS4000

- **Recognition Rate:** Day ≥ 99.9%; Night ≥ 99.7%
- **Recognition Distance:** 2 - 10 meters (Recommended: 3.5 - 4m)
- **Recognition Time:** ≤ 200ms (Average)
- **Adaptable Speed of Car:** ≤15 km/h
- **Output Information:** License plate number and picture, Access time
- **Packaging Size:** 1746\*344\*495 mm
- **CPU:** A7@600MHz, 32kb I-cache, 32kb D-cache/128kB
- **Flash:** NOR Flash 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm - 11.1mm, Auto focus
- **Resolution:** 1920\*1080P
- **Minimum Illuminance:** 0.1 Lux (standard)
- **Video Compression Standard:** H.264
- **Video Compression Bit Rate:** 32kbps - 16mbps
- **Double Code Stream:**  
Main Stream: 1920\*1080, 1280\*720 (optional), 1-25 frame/s (default:25)  
Sub Stream: 704\*576, 640\*480, 320\*240 (optional), 1-25 frame/s (default:25)
- **Communication:** TCP/IP (10/100Mbps)
- **I/O Interface:** Two relay, Two RS485 outputs, Audio in/out, Barrier status input, Wiegand in & out
- **Storage:** TF Card (default 8G, max support 32G)
- **Reset:** Reset device parameters
- **Working Modes:** Video trigger
- **Protection Level:** IP65
- **Working Voltage:** 12V DC
- **Working Environment:** -20°C ~ 55°C ≤90%





## Parking Barrier

### PB4000L/R

- **Lane Width:**  
PB4030: 4M, up to 4.8M with telescopic boom  
PB4060: 5M, up to 5.8M with telescopic boom
- **Opening/Closing Time**  
PB4030: 3s  
PB4060: 6s
- **Supply Voltage:** 110V AC or 220V AC
- **Temperature Range:** -20°C ~ +60°C
- **Power Consumption Max:** 120W
- **Humidity Range:** 90%
- **Frequency:** 50 - 60Hz
- **Ingress Protection:** IP54
- **Cabinet Material:** SUS304 Powder Coated Steel
- **Housing Dimensions (W\*D\*H):** 328 \*286\*934 mm
- **Boom Material:** Aluminum Alloy
- **Net Weight (Without Boom):** 60 kg



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
- **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:** IP54
- **Machine Case:** Powder coated steel
- **Net Weight:** 46 kg
- **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
- **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:** IP54
- **Machine Case:** Powder coated steel
- **Net Weight:** 48 kg
- **Machine Case Size:** 360\*330\*1000 (mm)

## Bollard



BOLL1168-F  
Fixed Bollard

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



BOLL1168-R  
Removable Bollard

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



BOLL1219-A  
Automatic Bollard

- **Drive Unit:** Hydraulic
- **Diameter:** 219 mm
- **Weight:** ≥130 kg
- **Raising height:** 600mm/ 800mm
- **Underground Product Dimensions:** 430\*430\*1130 mm / 430\*430\*1330 mm
- **Raising/lowering Time:** 3s
- **Weight Load:** 120t
- **Material:** SUS304
- **Material Thickness:** 6/ 8/ 10/ 12/ 15/ 30 mm
- **Ingress Protection:** IP68
- **Working Voltage:** AC110/220V
- **Working Power:** 350W
- **Working Temperature:** -35°C ~ 75°C



## Parking Lock



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:** DC 6V
- **Quiscent Current:** ≤ 0.1mA
- **Operating Current:** ≤ 0.9A
- **Size:** 390\*460\*75 mm
- **Weight:** 8 kg



Plock 2

- **Material:** Steel
- **Control Distance:** ≤ 20 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:** DC 6V
- **Quiscent Current:** ≤ 1.5mA
- **Operating Current:** ≤ 2.5A
- **Size:** 460\*460\*75 mm
- **Weight:** 8 kg

## Tire Killer



ZK-TK500

- **Material:** A3 Steel
- **Material Thickness:** 12/ 14/ 16 mm
- **Surface Treatment:** Painted with reflective strip
- **Protection Grade:** IP67
- **Blocking Width:** Up to 6m
- **Maximum Loading Weight:** 80t
- **Spike Dimensions (mm):** 150 (H); 12 (T)
- **Drive Mode:** Electromechanical
- **Working environment:** -40°C ~ 70°C
- **Control mode:** Short range wireless remote control / drive-by-wire
- **Control distance:** ≤100m
- **Remote control distance:** Within 50 m
- **Raising/Lowering Time:** ≤1 ~ 2s

## Road Blocker



ZK-RB1000

- **Drive Unit:** Hydraulic
- **Length:** Up to 6m
- **Dimensions:** 1,000(W)\*760(H) mm
- **Weight:** ≥ 1t
- **Raising Height:** 500 mm
- **Raising/lowering time:** 3s
- **Weight Load :** 1.2t
- **Material:** Medium carbon steel with anti-corrosive paint
- **Material thickness:** 16/ 20/ 25 mm
- **Working Voltage:** Three-phase 380V
- **Working Temperature:** -35°C ~ 75°C

## ZKParking

### Parking Lot Management System



ZKParking is a client/server architecture parking lot management software self-developed by ZKTeco. ZKParking contains six functional modules: system management, personnel management, authorization management, financial management, terminal management and report management. With a user-friendly UI and complete parking lot management function, ZKParking provides the most professional solution for a simple and convenient user experience.



System



Personnel



Authorization



Financial



Terminal



Reports

#### Features:

- **Vehicle Authorization:** Temporary and fixed vehicle authorizations, fixed vehicle extensions
- **Customized Parking Lot Charging Rules:** Supports various charging rules, meets all types of parking lot
- **Blacklist and whitelist management**
- **Reports Statistics management:** Exports various kinds of reports of statistical data for financial staff
- **Real-time monitoring of entry and exit status**
- **Parking Lot Area Linkage Management:** Real-time statistics of remaining available parking spaces

# Security Inspection

ZKTeco's security inspection solution offers a dependable and flexible intelligence security solution. We build a comprehensive security system to protect your entrance security, including People Inspection, Freight Inspection and Vehicle Inspection.



## Walk Through Metal Detector

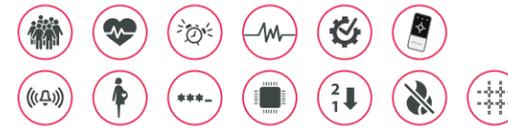


### ZK-D1065S

- Detection Zones: 6
- Sensitivity Levels: 100
- Display: LED
- Standard Functions: Detecting metal, counting alarm and people
- Optional Functions: 2000mAH backup battery
- Power Supply: AC100V - 240V
- Working Temperature: -20°C ~ +50°C
- Working Frequency: 4 kHz - 8 kHz
- Standard External Size: 2200(H)\*800(W)\*580(D) mm
- Package Size for Door Panels: 2260\*650\*260 mm \*1ctn
- Package Size for Control Unit: 780\*390\*250 mm\*1ctn
- Gross Weight: 70 kg



### ZK-D4330



- Supply Voltage: AC 100V - 240V
- Temperature Range: -20 °C ~ +50 °C
- Frequency: 4 kHz - 8 kHz
- Standard External Size: 2200(H)\*930(W)\*760(D) mm
- Standard Internal Size: 2010(H)\*760(W)\*760(D) mm
- Package Size for Door Panels: 2300\*335\*800 mm
- Gross Weight: 70 kg
- Display: 7 inch LCD
- Zone Quantity: 33
- Each Zone Sensitivity Level: 300



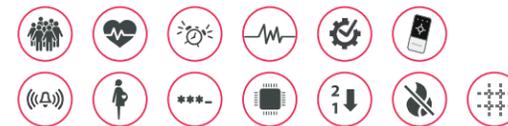
### ZK-D2180S

- Detection Zones: 18
- Sensitivity Levels: 256
- Display: 3.7-inch LCD display
- Standard Functions: Detecting metal, counting alarm and people
- Optional Functions: 2000mAH backup battery
- Power Supply: AC 100V - 240V
- Working Temperature: -20°C ~ +50°C
- Working Frequency: 4 kHz - 8 kHz
- Standard External Size: 2200(H)\*835(W)\*578(D) mm
- Standard Internal Size: 1990(H)\*700(W)\*578(D) mm
- Package Size for Door Panels: 2260\*650\*260mm
- Package Size for Control Unit: 780\*390\*250 mm
- Gross weight: 70 kg



### PD-300

#### Portable Walk Through Metal Detector



- Adjustable Sensitivity: 300 levels
- Operating Temperature: -20°C ~ +70°C
- Relative Humidity: 95%
- Fold Size: 950(L)\*600(W)\*620(H) mm
- Passage Size: 810(L)\*790(W)\*2120(H) mm
- External Size: 810(L)\*1180(W)\*2240(H) mm
- Package Size: 1065(L)\*675(W)\*705(H) mm
- Net Weight: 35 kg
- Gross Weight: 56 kg
- Built-in Backup Battery: At least 20 hours
- Zone Quantity: 33



### ZK-D3180S

- Detection Zones: 18
- Sensitivity Levels: 256
- Display: 5.7-inch LCD display
- Standard Functions: Detecting metal, counting alarm and people
- Optional Functions: Remote control, 2000mAH backup battery
- Working Temperature: -20°C ~ +50°C
- Power Supply: AC 100V - 240V
- Working Frequency: 4 kHz - 8 kHz
- Standard External Size: 2200(H)\*835(W)\*578(D) mm
- Standard Internal Size: 1990(H)\*700(W)\*578(D) mm
- Package Size for Door Panels: 2260\*650\*260mm \*1ctn
- Package Size for Control Unit: 780\*390\*250 mm\*1ctn
- Gross weight: 70 kg



Portable + Foldable

#### Features

- Anti-terrorist and Police equipment
- Portable and foldable, can be transported in a car or van
- Single person assembly without tools - less than 5 minutes
- Built-in backup battery which can work for at least 20 hours



## Metal Detection Integrated Turnstile



MST150

- Detection Zones: 15 zones
- Sensitivity: 100 levels
- Frequency Channel: 12
- Alarm Relay: 1 - 3 s
- Open Duration: 0.8 s (adjustable)
- Delay Close: 0 - 5 s
- Speed of Throughput: 30/min maximum
- Movement: Swing
- Infrared Sensor: 8 pairs
- Lid Material: Tempered Glass
- Weight: 232 kg (with package)
- External Dimensions (mm): 1620(H)\*1100(D)\*1700(L)
- Channel Dimensions (mm): 1620(H)\*720(D)\*1700(L)
- Working Frequency: 4 kh - 8 kh
- Working Environment: Indoor
- Working Temperature: -28°C ~ 50°C
- Working Humidity: 20% - 95% (non-condensing)
- Input Voltage: 100 ~ 240V, 50/60 Hz

## Hand Held Metal Detector



ZK-D100S

- Optional Functions: Li battery, USB charge cable (optional)
- Dimensions (mm): 410\*85\*45
- Power Voltage: 9V
- Operating Voltage: 7V - 9V
- Operating Current: <50mA
- Alarm Terms: Sound (vibration) and light alarm simultaneously
- Waterproof: IP31
- Alarm Sound: ≥75 dB(A)
- Operating Frequency: 25 kHz



ZK-D180

- Dimension (mm): 345\*69\*25
- Power Voltage: 9V
- Operating Voltage: 7V - 9V
- Operating Current: <5 mA
- Alarm Terms: Sound (vibration) and light
- Alarm Sound: ≥75 dB(A)
- Frequency: 22 kHz



ZK-D300

- Dimension (mm): 360\*82.5\*42.5
- Power Voltage: 9V
- Weight: 270 g
- Power Supply: 2\*AA batteries
- Power Consumption: <60 mW
- Alarm Terms: Sound and light alarm / Vibration and light alarm
- Material: ABS and rubber
- Operating Temperature: -25°C ~ +60°C (Humidity: 0 ~ 95%)
- Available colors: Black, white, or gray

## X-Ray Baggage Inspection

### BLADE6040



Model	BLADE6040
Processor	Intel® Braswell SoC N3160 (QC - 2.24GHz)
Monitor	21-inch LED color
Memory	Onboard 4GB RAM
Hard Drive	1TB
USB Port	4 Ports
Storage Temperature	-20°C ~ 60°C
Operating Temperature	-10°C ~ 45°C
Relative Humidity	5 - 95%
Dimensions	1990(L)*970(W)*1320(H) mm
Tunnel Dimensions	610(W)*420(H) mm
Conveyor Speed	0.20 m/s ~ 0.40 m/s
Conveyor Load Capacity	200 kg (evenly distributed)
Space Definition	Horizontal Φ1.0 mm / Vertical Φ2.0 mm
Steel Penetration	38 mm guaranteed; 40 mm typical
Wire Resolution	38 AWG guaranteed; 40 AWG typical
Tube Current	0.5 - 0.1 m (Adjustable)
Anode Voltage	150 - 170 kV (Adjustable)
Generator Cool	Seal oil cooling / 100%
Dual Energy Detector	Yes
Film Safety	ASA/ ISO1600 standard of film safety
Single Inspection Dosage Rate	<1.0 μGy



ZKX5030A



ZKX5030C



ZKX6550



ZKX6550A



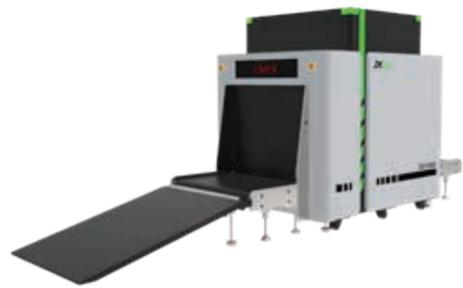
ZKX6550D



ZKX6550V

Model	ZKX5030A	ZKX5030C	ZKX6550
Tunnel Size	507(W)*305(H) mm		660(W)*510(H) mm
Speed	0.20 m/s		
Height of Transmission Belt	1000 mm		1300 mm
Maximum Loads	≤120 kg (Adequate distribution)		≤180 kg (Adequate distribution)
Wire Resolution	34 AWG (0.16 mm metal wire)	38 AWG (0.1 mm metal wire)	40 AWG (0.0787 mm metal wire)
Space Definition	Horizontal Φ1.0 mm / Vertical Φ2.0 mm		
Penetrate Definition	32 AWG		34 AWG
Penetration	8 mm Steel board	32 mm Steel board	38 mm Steel board
Monitor	17 inch LED		
Package Size (mm)	1900(L)*990(W)*1320(H) mm		2200(L)*1135(W)*1515(H)
System Function	High density alarm, TIP, Luggage counter, System running timer, X-ray emitting timer, System maintainance, Training, 64 times continuous zoom in		
Film Safety	ASA/ISO1600 standard of film safety		
Tube Voltage	80 Kv	140 Kv	150 Kv
Cooling	Seal oil cooling/100%		
Single Inspection Dosage Rate	≤1.0 μGy		
Radiation Leak Dosage	0.1 μGy/h (5 cm from the surface)		
Power Consumption	1 kVA		
Noise	53.8 dB(A)		
Package Weight	410 kg	450 kg	680 kg + 105 kg (Console desk)

Model	ZKX6550A	ZKX6550D	ZKX6550V
Tunnel Size	655(W)*505(H) mm		
Speed	0.20 m/s		
Height of Transmission Belt	700 mm	800 mm	700 mm
Maximum Loads	≤180 kg (Adequate distribution)		
Wire Resolution	38 AWG	Bottom Generator: 40 AWG Side Generator: 40 AWG	40 AWG
Space Definition	Horizontal Φ1.0 mm / Vertical Φ2.0 mm		
Penetrate Definition	34 AWG	Bottom Generator: 32 AWG Side Generator: 32 AWG	34 AWG
Penetration	10 mm Steel board	Bottom Generator: 38 mm Side Generator: 38 mm	38 mm Steel board
Monitor	21.5-inch LED	21.5-inch LED x 2	
Package Size (mm)	2240(L)*1170(W)*1755(H)	2500(L)*1600(W)*1550(H)	2240(W)*1170(L)*1755(H)
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	100 Kv	160 Kv	150 Kv
Cooling	Seal oil cooling/100%		
Single Inspection Dosage Rate	≤1.0 μGy		
Radiation Leak Dosage	0.1 μGy/h (5 cm from the surface)		
Power Consumption	1 kVA	1.5 kVA	1 kVA
Noise	53.8 dB(A)	55 dB(A)	53.8 dB(A)
Package Weight	640 kg + 100 kg (Console desk)	1000 kg + 100 kg (Console desk)	640 kg + 100 kg (Console desk)



ZKX10080



ZKX100100



ZKX10080D



ZKX100100D

Model	ZKX10080	ZKX100100
Tunnel Size (mm)	1006(W)*803(H)	1008(W)*1009(H)
Speed	0.2 - 0.4 m/s	0.20 m/s
Height of Transmission Belt	370 mm	387 mm
Maximum Loads	200 kg (Adequate distribution)	
Wire Resolution	38 AWG	
Space Definition	Horizontal $\Phi$ 1.0 mm / Vertical $\Phi$ 2.0 mm	
Penetrate Definition	32 AWG	
Penetration	34 mm steel board	30 mm steel board
Monitor	21.5-inch LED X 2	
Package Size (mm)	2200(L)*1500(W)*1750(H)	2600(L)*1520(W)*1920(H)
Package Size of Console Desk (mm)	1320(L)*900(W)*1320(H)	1320(L)*850(W)*1320(H)
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	160 Kv	
Cooling	Seal oil cooling/ 100%	
Radiation Leak Dosage	0.2 $\mu$ Gy/h (5 cm from the surface)	
Power Consumption	1 kVA	
Noise	53.8 dB(A)	55.8 dB(A)
Package Weight	1150 kg + 135 kg (Console desk)	1250 kg + 135 kg (Console desk)

Model	ZKX10080D	ZKX100100D
Tunnel Size (mm)	1018(W)*822(H)	1006(W)*1010(H)
Speed	0.2 - 0.4 m/s	
Height of Transmission Belt	300 mm	385 mm
Maximum Loads	$\leq$ 200 kg (Adequate distribution)	
Wire Resolution	Bottom Generator: 40 AWG/ Side Generator: 40 AWG	Top View: 40 AWG/ Side View: 40 AWG
Space Definition	Horizontal $\Phi$ 1.0 mm/Vertical $\Phi$ 2.0 mm	
Penetrate Definition	Bottom Generator: 32 AWG/ Side Generator: 32 AWG	Top view: 32 AWG/ Side view: 32 AWG
Penetration	Bottom Generator: 38 mm/ Side Generator: 38 mm	Top view: 38 mm/ Side view: 38 mm
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	160 Kv	
Cooling	Seal oil cooling/ 100%	
Radiation Leak Dosage	0.2 $\mu$ Gy/h (5 cm from the surface)	
Power Consumption	1 kVA	
Noise	53.8 dB(A)	55.8 dB(A)
Package Weight	1570 kg+135 kg (Console desk)	1250 kg + 135 kg (Console desk)



## Smart Lock

Smart locks doesn't only give a higher level of security, it also brings convenience and accessibility in every door step.

# Bluetooth Lock



## AL30B/AL30Z



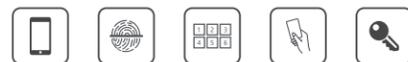
### Features:

- Full automatic American standard deadbolt mortise
- Multi-language selection
- Automatic locking and unlocking
- Enhanced security by double lock mode
- Amazon Alexa only works with AL30Z

<b>Material</b>	Zinc alloy	<b>Standard Functions</b>	Passcode/ card/ mobile/ key
<b>Mortise</b>	American deadbolt	<b>Optional Functions</b>	Remote control
<b>Passcode Capacity</b>	100	<b>Power Supply</b>	4 * AA Alkaline battery
<b>MF Card Capacity</b>	100	<b>Door Thickness</b>	35 - 53 mm
<b>Communication</b>	Bluetooth/ Zigbee		



## AL40B/AL40Z



### Features:

- Equipped with semi-conductive fingerprint sensor
- Full automatic American standard deadbolt mortise
- Multi-language selection
- Automatic locking and unlocking
- Enhanced security by double lock mode
- Amazon Alexa only work with AL40Z

<b>Material</b>	Zinc alloy	<b>Standard Functions</b>	Fingerprint/ passcode/ card/ mobile/ key
<b>Mortise</b>	American deadbolt	<b>Optional Functions</b>	Remote control
<b>Passcode Capacity</b>	100	<b>Power Supply</b>	4 * AA Alkaline battery
<b>MF Card Capacity</b>	100	<b>Door Thickness</b>	35 - 53 mm
<b>Communication</b>	Bluetooth/ Zigbee		

## AL10B/AL10DB



### Features:

- American standard single latch with adjustable backset (AL10B)
- German standard mortise with one deadbolt and one latch (AL10DB)
- Multi-language selection
- 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

<b>Material</b>	Zinc alloy	<b>Communication</b>	Bluetooth
<b>Mortise</b>	American standard mortise/ German double latch mortise	<b>Standard Functions</b>	Passcode/ card/ mobile/ key
<b>Passcode Capacity</b>	100	<b>Power Supply</b>	4 * AA Alkaline battery
<b>MF Card Capacity</b>	100	<b>Door Thickness</b>	30 - 54 mm

## AL20B/AL20DB



### Features:

- American standard single latch with adjustable backset (AL20B)
- German standard mortise with one deadbolt and one latch (AL20DB)
- Multi-language selection
- 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

<b>Material</b>	Zinc alloy	<b>Communication</b>	Bluetooth
<b>Mortise</b>	American standard mortise/ German double latch mortise	<b>Standard Functions</b>	Fingerprint/ passcode/ mobile/ key
<b>Passcode Capacity</b>	100	<b>Power Supply</b>	4 * AA Alkaline battery
<b>MF Card Capacity</b>	100	<b>Door Thickness</b>	30 - 54 mm



### TL400B



#### Features:

- Various access for your convenience - card/ passcode/ key/ mobile/ fingerprint
- Bluetooth low energy technology 4.0
- Voice 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

<b>Material</b>	Zinc Alloy	<b>Communication</b>	Bluetooth
<b>Mortise</b>	European standard mortise	<b>Standard Functions</b>	Fingerprint/ passcode/ card/ mobile/ key
<b>Passcode Capacity</b>	100	<b>Power Supply</b>	4 * AA Alkaline battery
<b>Card Capacity</b>	100	<b>Door thickness</b>	35 - 50 mm
<b>Fingerprint Capacity</b>	100	<b>Card Module</b>	ID or Mifare

### DL30B/DL30DB



#### Features:

- Various access for your convenience - card/ passcode/ key/ mobile
- BLE 4.0, works with ZKSmartKey App
- 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
- American standard mortise single latch (DL30B)
- German standard mortise with double latch (DL30DB)

<b>Material</b>	Zinc Alloy	<b>Communication</b>	Bluetooth
<b>Mortise</b>	American standard mortise/ German double latch mortise	<b>Standard Functions</b>	Passcode/ card/ mobile/ key
<b>Passcode Capacity</b>	100	<b>Power Supply</b>	4 * AA Alkaline battery
<b>Card Capacity</b>	100	<b>Door thickness</b>	30 - 38 mm

## Glass Door Lock

### GL300



#### Features:

- Doorbell function
- Fingerprint sensor
- Micro USB power port
- No hole drilling required
- Low battery warning



<b>Material</b>	Fingerprint/ passcode/ card/ remote control	<b>Standard Functions</b>	Fingerprint/ passcode/ card/ remote control
<b>Battery Life</b>	Approx. 1 year	<b>Power Supply</b>	4 * AA Alkaline battery
<b>Passcode Capacity</b>	100	<b>Back up power</b>	Mini-USB port for bank power
<b>MF Card Capacity</b>	100	<b>Door thickness</b>	10 - 12 mm
<b>Fingerprint Capacity</b>	100		

## Face Lock

### HBL100/HBL200



#### Features:

- Various access for your convenience - face/ fingerprint/ card/ passcode/ key
- Verification speed ≤ 1 second
- Lock out mode
- Low battery warning
- Records illegal operation
- 2.8-inches capacitive touch screen with visual menu
- Supports bluetooth or zigbee communication
- Fits all door open direction



<b>Material</b>	Zinc alloy	<b>Fingerprint Sensor</b>	Semi-conductor/ Silicon
<b>Mortise</b>	American standard single latch/ German standard (optional)	<b>Power Supply</b>	Rechargeable Lithium 8 × AA Alkaline (optional)
<b>Card Reader</b>	Mifare card	<b>Door Thickness</b>	35 - 60 mm (standard)
<b>User Capacity</b>	100	<b>Communication</b>	BLE 4.0/ Zigbee
<b>Temperature</b>	-20°C ~ 55°C		



## ZM100



### Features:

- Various access for your convenience - face/ fingerprint/ card/ passcode/ key
- Rechargeable lithium battery
- SilkID fingerprint sensor
- 2.8 inch capacitive screen with visual menu
- 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

<b>Material</b>	Zinc alloy	<b>Fingerprint Capacity</b>	100
<b>Mortise</b>	Rugged anti-theft mortise with 304 stainless steel	<b>Standard Functions</b>	Face/ fingerprint/ passcode/ card/ key
<b>Passcode Capacity</b>	100	<b>Power Supply</b>	Rechargeable lithium battery
<b>Card Capacity</b>	100	<b>Door Thickness</b>	35 - 90 mm
<b>Face Capacity</b>	100		

## Hotel Lock

### LH7000



### Features:

- Simple and slim design
- 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



<b>Mortise type</b>	European standard mortise	<b>Software</b>	ZKBioclock hotel lock system/ ZKBioSecurity
<b>Material</b>	Zinc alloy (outdoor unit)	<b>Color Options</b>	Silver
<b>Card Type</b>	ISO14443 Type-A, S70 4KB/ S50 1KB MF cards	<b>Power Supply</b>	4 * AA Alkaline battery (not supplied)
<b>Encoder</b>	CR60W (Sold separately)	<b>Door Thickness</b>	38 - 48 mm

## FL1000



### Features:

- 3.0 inches capacitive touch screen
- European standard mortise with 5 latches
- Color Options: Silver, gold, or black
- Log capacity: 30,000

<b>Material</b>	Zinc Alloy	<b>Password Capacity</b>	100
<b>Mortise</b>	European standard	<b>Standard Functions</b>	Face/ passcode/ card/ key
<b>Face Capacity</b>	100	<b>Power Supply</b>	8 * AA Alkaline battery
<b>Card Capacity</b>	100 (Optional)	<b>Door thickness</b>	35 - 50 mm

### LH7500



### 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



<b>Mortise type</b>	European standard mortise	<b>Software</b>	ZKBioclock hotel lock system/ ZKBioSecurity
<b>Material</b>	Zinc alloy	<b>Color Options</b>	Black
<b>Card Type</b>	ISO14443 Type-A, S70 4KB/ S50 1KB MF Cards	<b>Power Supply</b>	4 * AA Alkaline battery (not supplied)
<b>Encoder</b>	CR60W (Sold separately)	<b>Door Thickness</b>	38 - 48 mm



### LH6800



#### Features:

- Simple and slim 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

<b>Mortise type</b>	American Standard	<b>Software</b>	ZKBiolock hotel lock system/ ZKBioSecurity
<b>Material</b>	Zinc alloy	<b>Color Options</b>	Silver
<b>Card Type</b>	ISO14443 Type-A, S70 4KB/ S50 1KB MF cards	<b>Power Supply</b>	4 * AA Alkaline battery (not supplied)
<b>Encoder</b>	CR60W (Sold separately)	<b>Door Thickness</b>	35 - 45 mm

### LH6000



#### 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



<b>Mortise type</b>	American standard	<b>Software</b>	ZKBiolock hotel lock system/ ZKBioSecurity
<b>Material</b>	Zinc alloy	<b>Color Options</b>	Silver
<b>Card Type</b>	ISO14443 Type-A, S70 4KB/ S50 1KB MF cards	<b>Power Supply</b>	4 * AA Alkaline battery (not supplied)
<b>Encoder</b>	CR60W (Sold separately)	<b>Door Thickness</b>	35 - 55 mm



### LH6500



#### 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

<b>Mortise type</b>	American standard	<b>Software</b>	ZKBiolock hotel lock system/ ZKBioSecurity
<b>Material</b>	Zinc alloy	<b>Color Options</b>	Black
<b>Card Type</b>	ISO14443 Type-A, S70 4KB/ S50 1KB MF cards	<b>Power Supply</b>	4 * AA Alkaline battery (not supplied)
<b>Encoder</b>	CR60W (Sold separately)	<b>Door Thickness</b>	40 - 50 mm

### LH3000



#### Features:

- American standard with 5 latches
- Professional and free hotel lock management software
- Open records for the latest lock transactions
- Low battery warning
- With advanced 13.56MHz MF card technology



<b>Mortise type</b>	American standard	<b>Software</b>	ZKBiolock hotel lock system/ ZKBioSecurity
<b>Material</b>	Stainless steel	<b>Color Options</b>	Silver
<b>Card Type</b>	ISO14443 Type-A, S70 4KB/ S50 1KB MF cards	<b>Power Supply</b>	4 * AA Alkaline battery (not supplied)
<b>Encoder</b>	CR60W (Sold separately)	<b>Door Thickness</b>	40 - 55 mm



### LH3600



- **Mortise Type:** American standard mortise with 5 latches
- **Material:** Zinc alloy
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF cards
- **Software:** ZKBioclock hotel lock system/ ZKBioSecurity
- **Power Supply:** 4 \* AA Alkaline battery (not supplied)
- **Door Thickness:** 35 - 55 mm



### LH4000



- **Mortise Type:** American standard with 5 latches
- **Material:** Zinc alloy
- **Card Type:** ISO14443 Type-A, S70 4KB/ S50 1KB MF Cards
- **Software:** ZKBioclock hotel lock system/ ZKBioSecurity
- **Power Supply:** 4 \* AA Alkaline battery (not supplied)
- **Door Thickness:** 35 - 55 mm



### LH5000



- **Mortise Type:** American standard with 5 latches
- **Material:** Zinc alloy
- **Card Type:** ISO14443 Type-A, S70 4KB/ S50 1KB MF Cards
- **Software:** ZKBioclock hotel lock system/ ZKBioSecurity
- **Power Supply:** 4 \* AA Alkaline battery (not supplied)
- **Door Thickness:** 35 - 55 mm



### LH1000



- **Mortise Type:** American standard with 5 latches
- **Material:** Stainless steel
- **Card Type:** ISO14443 Type-A, S70 4KB/ S50 1KB MF Cards
- **Software:** ZKBioclock hotel lock system/ ZKBioSecurity
- **Power Supply:** 4 \* AA Alkaline battery (not supplied)
- **Door Thickness:** 35 - 55 mm

## Fingerprint Lock



#### Features:

- **Material:** Zinc alloy
- **Fingerprint Capacity:** 100
- **Passcode Capacity:** 100
- **Card Capacity:** 100
- **Color Options:** Dull Nickel/ Antique Copper/ Champagne Gold
- **Mortise:** Anti-theft mortise with one latch and two security deadbolts
- **Power Supply:** 8\*AA Alkaline battery (not supplied)
- **Door thickness:** 35 - 90 mm



TL200



#### Features:

- **Material:** Zinc alloy
- **Mortise:** Anti-theft mortise with one latch and two security deadbolts
- **Fingerprint Capacity:** 100
- **Passcode Capacity:** 2
- **Card Capacity:** 100
- **Color Options:** Black/ Dull Nickel/ Antique Copper Plated
- **Power Supply:** 8\*AA Alkaline battery (not supplied)
- **Door thickness:** 35 - 90 mm



TL100



#### Features:

- **Material:** Zinc alloy
- **Mortise:** American standard mortise/German double latch mortise
- **User Capacity:** Admin - 10; Normal User - 60; Temporary User - 20
- **Communication (optional):** Bluetooth
- **Standard Functions:** Support fingerprint/ card/ mobile/ key; 125khz ID card reader is optional
- **Power Supply:** 4\*AA Alkaline battery (not supplied)
- **Door Thickness:** 39 - 46 mm



ML10

SMART LOCK



L5000



Features:

- **Material:** Zinc alloy
- **Capacity:** Fingerprint/ Password/ Card - 100
- **Log Capacity:** 30,000
- **Mortise:** European standard
- **Card Type:** ISO14443 Type-A, S70 4KB/S50 1KB MF cards
- **Door thickness:** 35 - 50 mm
- **Power Supply:** 4\*AA Alkaline battery (not supplied)



L7000



Features:

- **Material:** Zinc alloy
- **Fingerprint Capacity:** 500
- **Password Capacity:** 100
- **Mortise:** American standard mortise/German double latch mortise
- **Standard Functions:** Fingerprint/ card/ key; OLED display screen with visual menu; Query door open logs
- **Door thickness:** 35 - 55 mm
- **Power Supply:** 4\*AA Alkaline battery (not supplied)



PL10



Features:

- **Material:** Rugged ABS
- **User Capacity:** Admin - 10; Normal User - 60; Temporary User - 20
- **Communication:** Bluetooth
- **Mortise:** American standard mortise/German double latch mortise
- **Standard Functions:** Fingerprint/ card/ mobile/ key; 125kHz ID card reader is optional
- **Door thickness:** 30 - 54 mm
- **Power Supply:** 4\*AA Alkaline battery (not supplied)

## Card Lock



PL10R

- **Material:** ABS plastic
- **Card Reader:** Mifare card
- **Capacity:** Admin - 10; Normal user - 60; Temporary User - 20
- **Mortise:** American standard
- **Power Supply:** 4 x AA Alkaline battery



ML10R

- **Material:** Zinc Alloy
- **Capacity:** Admin - 10; Normal user - 60; Temporary User - 20
- **Mortise:** German standard
- **Power Supply:** 4xAA Alkaline battery
- **Color Options:** Silver/Champagne Gold

## Padlock



Padlock

Features:

- Smart fingerprint padlock
- Easy to operate
- Small and lightweight
- USB rechargeable & extreme long battery life
- Low battery warning

Specifications:

- **Material:** Stainless steel
- **Color:** Black/Silver
- **Battery life:** 1,000 scans
- **Fingerprint capacity:** 10
- **Fingerprint sensor:** Semi-conductor/Silicon
- **Charge port:** Micro-USB port

## Accessory



CR60W

- **Interface:** USB 2.0
- **Working Voltage:** USB power of 5V DC
- **Static Current:** 65mA
- **Working Current:** 80mA
- **Card Type:** ISO14443 Type-A, S70 4KB/ S50 1KB Mifare Card
- **Working Temperature:** -10°C ~ 70°C



Energy Saving Switch (Mifare)

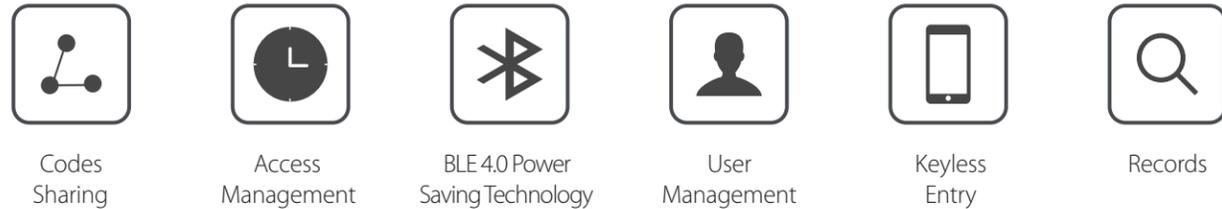
- **Working Voltage:** 110V~220V Vac. Tolerance 10%
- **Max. Load Current:** 30A
- **Static Power Consumption:** 1 W
- **Delay Time:** Mifare: 12s / General Type: 15s
- **Card Type:** Mifare: ISO14443 Type-A, S70 4KB/ S50 1KB Mifare Card
- **Material:** Fireproof PC Material



# ZKSmartKey

## Smart Door Management Solution

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



### Visitor Mode

Sharing Temporary Passcode From Anywhere, Anytime

### Time Zone

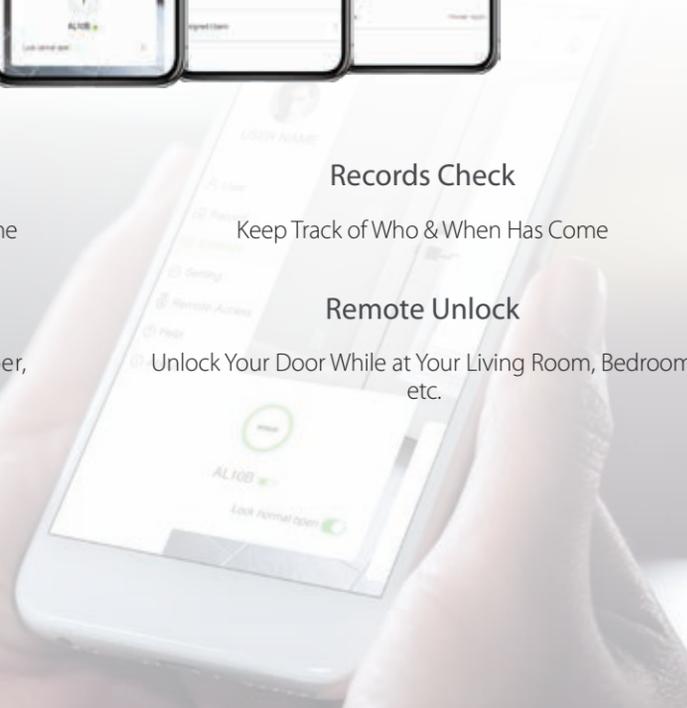
Grant Limited Access Rights to Your Housekeeper, Babysitter, etc.

### Records Check

Keep Track of Who & When Has Come

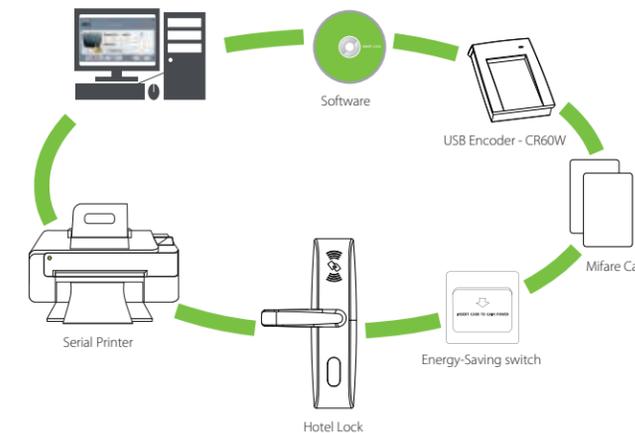
### Remote Unlock

Unlock Your Door While at Your Living Room, Bedroom, etc.



# Hotel Lock Software

Hotel locks are equipped with the advanced 13.56Mhz Mifare-1 card technology, which has the ability of reading and writing to guest and employee cards. The included lock management software offers you an easy "one-click" installation, what you need is to click next.



### Features:

- With Advanced 13.56mhz Mifare-1 Card Technology
- American Standard Mortise with 5 Latches
- With Professional Hotel Lock Management Software - Single Click Install
- Require USB Encoder to Program Mifare Cards
- Audit Trail Records the Latest 224 Lock Transactions
- With Warning Beeps in Low Battery Status

# ZKBilock Access Control Software

ZKBilock Access Control is a PC software that can communicate to fingerprint lock by U-disk. You can upload selected users from software to all fingerprint locks which is good and convenient for centralized management. You can also configure different access timetable with different user that can bring high security and great flexibility.

### Features:

- Connects up to 225 locks at the same time
- Download user data from lock to software by U-disk
- Setting access control function which includes Access Timetable, Holiday, Access levels, etc.
- Automatic user name lists management.
- Role-based multi-level management secures user data confidentiality
- Supports Microsoft Windows 7/8/Vista/2003/XP
- Supports Microsoft access database





## POS

With our 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.



## ZKAIO1000

- CPU: ARM Cortex-A7
- RAM: 1GB (2GB optional)
- Operating system: Android 5.1/ Linux
- Display: 10.1" TFT LCD
- Resolution: 1366\*768 pixels
- Touch screen: Multi-point projected capacitive touch screen
- 4GB flash memory (8GB optional)
- Built-in 58mm thermal printer with 90mm/s printing speed
- Wi-Fi: Support 802.11 b/g/n
- Customer Display: 8C LED/ 4.3 inches LCD
- Speaker: 2W
- Color Options: Black/White



## ZKAIO1500

- CPU: All-Chi A64 Quad-Core processor, Clocked 1.6G
- RAM: 1GB
- Flash memory: 8GB
- Operating system: Android 6.1
- Display: 10.1 TFT LCD IPS capacitance touch screen
- Resolution: 1280\*800 pixels (16:10)
- Pixel size: 0.2175\*0.2088 mm
- Network: Wi-Fi 802.11b/g/n, LAN, Bluetooth, 3G/4G
- 2.0MP front camera
- Full format video player
- Picture browser, supports JPEG, BMP, GIF, PNG formats
- Auto-rotate screen



## ZKAIO2010

- Processor: Intel® Celeron® J1900 Quad-core (2.0GHZ)

## ZKAIO2030

- Processor: Intel® Core i3-4010U (1.7GHz)

## ZKAIO2050

- Processor: Intel® Core i5-4200U (1.6GHz)

- System memory: 2GB standard, DDR3L 1333 MHz (Max 8GB)
- Storage device: 32GB Msata SSD standard, 1\*2.5" HDD/ 2.5" SSD
- Operating system: Windows 7/8/10 IoT Enterprise, POS Ready 7, Linux
- Display: 15" TFT LCD, LED backlight
- Resolution: 1024\*768
- Touch screen: Projected capacitive
- Built-in 80mm thermal printer



## ZKBio810

- Processor: Intel® Celeron J1900 Quad-core processor (2.0 GHz)
- System memory: 4GB standard, DDR3L 1333 MHz (Max 8GB)
- Storage device: 64GB Msata SSD standard, 1\*2.5" HDD/ 2.5" SSD
- Operating system: Windows 7/8/10 IoT Enterprise, POS Ready 7, Linux
- Display: 15" TFT LCD, LED backlight
- Resolution: 1024\*768
- Touch screen: Five-wire analog resistive or projected capacitive
- Customer display: LED (8C digital tube)
- I/O ports: VGA, USB, COM, LAN, Audio, Cash drawer

- System memory: 4GB standard, DDR3L 1333 MHz (Max 8GB)
- Storage device: 64GB Msata SSD standard, 1\*2.5" HDD/ 2.5" SSD
- Operating system: Windows 7/8/10 IoT Enterprise, POS Ready 7, Linux
- Display: 15" TFT LCD, LED backlight
- Resolution: 1024\*768
- Audio: Realtek ALC662
- Touch screen: Projected capacitive
- Customer display: LED (8C digital tube)
- I/O ports: VGA, USB, COM, HDMI, LAN, Audio

## ZKBio910

- Processor: Intel® Celeron® J1900 Quad-core processor (2.0GHZ)

## ZKBio930

- Processor: Intel® Core i3-4005U (1.7GHz)
- Intel® Core i3-4010U (1.7GHz)

## ZKBio950

- Processor: Intel® Core i5-4200U (1.6GHz up to 2.6GHz)
- Intel® Core i5-4210U (1.7GHz up to 2.7GHz)



## ZK1510

- Processor: Intel® Celeron® J1900 Quad-core (2.0GHZ)



## ZK1530

- Processor: Intel® Core i3-4010U (1.7GHz)

## ZK1550

- Processor: Intel® Core i5-4200U (1.6GHz)

- System memory: 2GB standard, DDR3L 1333 MHz (Max 8GB)
- Storage device: 32GB Msata SSD standard, 1\*2.5" HDD/ 2.5" SSD
- Operating system: Windows 7/8/10 IoT Enterprise, POS Ready 7, Linux
- Display: 15" TFT LCD, LED backlight
- Resolution: 1024\*768
- Audio: Realtek ALC662
- Touch screen: Projected capacitive
- Customer display: LED (8C digital tube)

## ZK1515

- Processor: Intel® Celeron J1900 Quad-Core (2.0GHz)
- System memory: 2GB standard, DDR3L 1333MHz (Max 8GB)
- Storage device: 32GB SSD standard, 1\*2.5" HDD/ 2.5" SSD
- Display: 15" TFT LCD, LED backlight
- Resolution: 1024\*768
- Audio: Realtek ALC662
- Operating system: Windows 7/8/10 IoT Enterprise, POS Ready 7, Linux
- Touch screen: Projected capacitive
- I/O ports: VGA, USB, Serial, LAN, Audio





## Handheld POS Terminals



### ZK90

- **Operating system:** Android 5.1
- **CPU model:** Qualcomm Quad-core ARM Cortex-A7 processor
- **CPU clock range:** 1.1 GHz
- **LCD screen:** 5.0 inches
- **Fingerprint collection module (optional):** Spatial resolution - 508dpi  
Active sensor area - 12.8mm\*18.0mm (in compliance with FBI)
- **Display resolution:** 480\*854
- **Communication:** 2G/ 3G/ 4G/ Hotspot/ Bluetooth
- Built-in GPS
- **Touch screen:** Capacitive, supports electronic signature
- Built-in high speed thermal printer, 58mm
- USB, Camera, Card Slot, Magnetic card reader, IC card read-write, NFC card, Password keyboard



### ZKH200

- **Operating system:** Android 6.0
- **CPU model:** MTK MT6580 Quad-core Cortex-A7 1.3GHz
- **RAM:** 1GB DDR3
- **Flash:** 8GB Nand flash
- **LCD screen:** 5.5" HD screen, highest resolution 1280\*720
- **Touch screen:** G+F capacitive multi-touch
- **Camera:** 5MP fixed focus
- Speaker, Microphone, Network, Wi-Fi, NFC, Bluetooth
- Built-in 58mm printing with 60mm/s speed
- **Optional:** MSR reader, Barcode scanner, ID/MF card



### PDA

- **Operating system:** Android 4.2.2
- **CPU model:** Cortex-A7 1.3GHz
- **Memory:** 1GB RAM + 4GB ROM
- **Development Tool:** Android SDK + JDK + Eclipse
- **Display:** 3.2 inches, 320\*480 pixels
- **Touch panel:** Industrial strength capacitive
- **Camera:** 5.0 MP with auto-focus and flash
- **Image Window:** Corning Gorilla glass
- **Keypad:** 29 Lucency wear-resistant keys with backlight; 6 side scan keys
- **Communication:** 3G (WDCMA) / Wi-Fi 802.11b/g/n / Bluetooth 4.0
- **Ingress Protection:** IP65
- **Drop:** Multiple 1.5m drop to tile over concrete

## Touch Monitor



### ZKD1502

- 15" TFT LCD panel
- 5 wires touch screen
- Foldable touch monitor



### ZKD1702

- 17" TFT LCD panel
- 5 wires touch screen
- Foldable touch monitor

## Barcode Scanner



### ZKB104

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



### ZKB106

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



### ZKB107

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



### ZKB108

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



### ZKB200

- 2D handheld barcode scanner
- 1/8 million decode error rate



### ZKB202

- 2D handheld barcode scanner
- 1/5 million decode error rate



### ZKB203

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



### ZKB204

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

## POS Peripherals

### Cash Drawer



### ZKC0408

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



### ZKC0508

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

### VFD



### ZK-VFD01/02

- 2 lines\*20 characters
- Interface: VFD01 - USB; VFD02 - RS232

### MSR



### ZK-MSR

- PVC 0.76±0.08mm card thickness
- 10 ~ 150cm/s
- 500,000 card passes



## Thermal Printers



### ZKP5801

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



### ZKP5808

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



### ZKP8001

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



### ZKP8003

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



### ZKP8004

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



### ZKP8006

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



### ZKP8008

- Direct Thermal Line Printing
- 220mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS

## ZKPos

### Biometric-Enabled POS Software



Supermarket



Food Court



Hotel



Restaurant



Coffee Shop



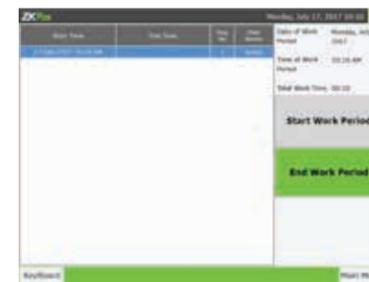
#### User Login

- Excellent portal module to Login
- Easy to login with fingerprint or username/password
- User-friendly interface



#### Main Menu

- Easy main menu navigation
- Admin can easily access and manage day to day details of the organization
- User login can only access 'Cashier' privilege forms such as work period and POS



#### Work Period

- Auto generated work period of each user in login time
- Easy to collect, manage, and process employee time
- Calculation of early leave, late, and absent



#### Point of Sales Module

- Ticket Section: Tables, section, and delivery tickets
- Table Tickets: Shows all the table names
- Select or Change Table: Used to select or change a table from the table list

# Video Surveillance

ZKTeco Surveillance Department, which is established in 2010, focuses on providing economic, competitive and well-featured security cameras in order to universally popularize security cameras.

For the entry-level users, Analog HD camera and NVR are the perfect choices: up to 3 megapixel along with 4 in 1 compatible format (AHD/ CVI/ TVI/ CVBS). In 2016, ZKTeco officially launched the cutting edge long distance and wide dynamic facial recognition cameras, along with AI technology, completed with a well-developed software backend and a mobile App, which greatly enhanced the security market into another level.



# HD Analog Cameras

## EZ Series



### ES-31A11J

- Resolution: 720P 1/4" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI
- Focal Lens: 2.8 mm fixed lens
- Min.Illumination: 0.1Lux/ F2.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### ES-32B11J

- Resolution: 1080P 1/2.9" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: 2.8 mm fixed lens
- Min.Illumination: 0.8Lux/ F2.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



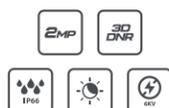
### BS-31A11M

- Resolution: 720P 1/4" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI
- Focal Lens: 2.8 mm fixed lens
- Min.Illumination: 0.1Lux/ F2.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BS-32B11M

- Resolution: 1080P 1/2.9" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: 2.8 mm fixed lens
- Min.Illumination: 0.8Lux/ F2.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BS-31A11B

- Resolution: 720P 1/4" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI
- Focal Lens: 2.8 mm fixed lens
- Min.Illumination: 0.1Lux/ F2.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BS-32B11B

- Resolution: 1080P 1/2.9" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: 2.8 mm fixed lens
- Min.Illumination: 0.8Lux/ F2.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



## L Series



### ES-32D11J/12J

- Resolution: 1080P 1/2.7" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: 2.8/3.6 mm fixed lens
- Min.Illumination: 0.02Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### ES-32D11H/12H

- Resolution: 1080P 1/2.7" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: 2.8/3.6 mm fixed lens
- Min.Illumination: 0.02Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BS-32D12K/13K

- Resolution: 1080P 1/2.7" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: 3.6/6 mm fixed lens
- Min.Illumination: 0.02Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### DL-32D26B

- Resolution: 1080P 1/2.7" CMOS Sensor
- IR Range: 20 - 30 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: Manual VF 2.8 - 12 mm
- Min.Illumination: 0.02Lux/ F1.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C

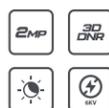


## E Series



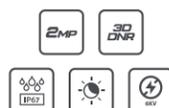
### ES-32E11J/12J

- Resolution: 1080P 1/2.9" Sony CMOS
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: 2.8/3.6 mm fixed lens
- Min.Illumination: 0.02Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



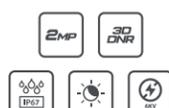
### ES-32E11H/12H

- Resolution: 1080P 1/2.9" Sony CMOS
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: 2.8/3.6 mm fixed lens
- Min.Illumination: 0.02Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BS-32E12K/13K

- Resolution: 1080P 1/2.9" Sony CMOS
- IR Range: 10 - 20 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: 3.6/6 mm fixed lens
- Min.Illumination: 0.02Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BL-32C26L

- Resolution: 1080P 1/2.8" Sony CMOS
- IR Range: 20 - 30 m
- Signal Output: AHD/TVI/ CVI/ CVBS
- Focal Lens: Motorized lens 2.8 - 12 mm
- Min.Illumination: 0.005Lux/ F1.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C





### EL-32C281

- Resolution: 1080P 1/2.8" Sony CMOS
- IR Range: 20 - 30 m
- Signal Output: AHD/ TVI/ CVI/CVBS
- Focal Lens: Motorized lens 2.8 - 12 mm
- Min.Illumination: 0.005Lux/ F1.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### DL-32C26B

- Resolution: 1080P 1/2.8" Sony CMOS
- IR Range: 20 - 30 m
- Signal Output: AHD/ TVI/ CVI/CVBS
- Focal Lens: Motorized lens 2.8 - 12 mm
- Min.Illumination: 0.005Lux/ F1.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



## P Series



### ES-35J11J/12J

- Resolution: 5MP 1/2.5" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/ TVI/ CVI/CVBS
- Focal Lens: Fixed lens 2.8/3.6 mm
- Min.Illumination: 0.01Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### ES-35J11H/12H

- Resolution: 5MP 1/2.5" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/ TVI/ CVI/CVBS
- Focal Lens: Fixed lens 2.8/3.6 mm
- Min.Illumination: 0.01Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



## IP Cameras

### EZ Series



### BS-852K12K/13K

- Resolution: 1080P 1/2.7" CMOS Sensor
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 3.6/6 mm
- Min.Illumination: 0.08Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



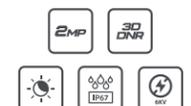
### BS-855L12K/13K

- Resolution: 5MP 1/2.7" CMOS Sensor
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 3.6/6 mm
- Min.Illumination: 0.03Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Plastic Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### ES-852K11H/12H

- Resolution: 1080P 1/2.7" CMOS Sensor
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 2.8/3.6 mm
- Min.Illumination: 0.08Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### ES-855L11H/12H

- Resolution: 5MP 1/2.7" CMOS Sensor
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 2.8/3.6 mm
- Min.Illumination: 0.03Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



## E Series



### BS-852O12K/13K

- Resolution: 1080P 1/2.9" Sony CMOS
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 3.6/6 mm
- Min.Illumination: 0.05 Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BL-852O28L

- Resolution: 1080P 1/2.9" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 2.8 ~ 12 mm
- Min.Illumination: 0.05Lux/ F1.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BS-35J12K/13K

- Resolution: 5MP 1/2.5" CMOS Sensor
- IR Range: 10 - 20 m
- Signal Output: AHD/ TVI/ CVI/CVBS
- Focal Lens: 3.6/6 mm fixed lens
- Min.Illumination: 0.01Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BL-35J28L

- Resolution: 5MP 1/2.7" CMOS Sensor
- IR Range: 20 - 30 m
- Signal Output: AHD/ TVI/ CVI/CVBS
- Focal Lens: Motorized VF 2.8 - 12 mm
- Min.Illumination: 0.01Lux/ F1.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### EL-35J28I

- Resolution: 5MP 1/2.7" CMOS Sensor
- IR Range: 20 - 30 m
- Signal Output: AHD/ TVI/ CVI/CVBS
- Focal Lens: Motorized lens 2.8 - 12 mm
- Min.Illumination: 0.01Lux/ F1.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



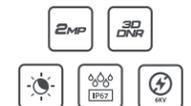
### DL-35J28B

- Resolution: 5MP 1/2.7" CMOS Sensor
- IR Range: 20 - 30 m
- Signal Output: AHD/ TVI/ CVI/CVBS
- Focal Lens: Motorized VF 2.8 - 12 mm
- Min.Illumination: 0.01Lux/ F1.4(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- Material: Metal Casing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### ES-852O11H/12H

- Resolution: 1080P 1/2.9" Sony CMOS
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 2.8/3.6 mm
- Min.Illumination: 0.05Lux/ F2.0(Color); 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### EL-852O28I

- Resolution: 1080P 1/2.9" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized 2.8 ~ 12 mm
- Min.Illumination: 0.05Lux/ F1.4(Color); 0 Lux with IR ON
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Day/Night: Auto (ICR)/ Manual
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C





### DL-852O28B

- Resolution: 1080P 1/2.9" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 2.8/3.6 mm
- Min.Illumination: 0.05Lux/ F1.4(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



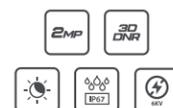
### DL-854N28B

- Resolution: 4MP 1/3" CMOS Sensor
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 2.8 ~ 12 mm
- Min.Illumination: 0.08Lux/ F1.4(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### ES-852T11H/12H

- Resolution: 2MP 1/2.8" Sony CMOS
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 2.8/3.6 mm
- Min.Illumination: 0.006Lux/ F2.0(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



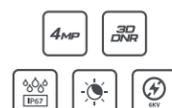
### EL-852T28I

- Resolution: 2MP 1/2.8" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 2.8 ~ 12 mm
- Min.Illumination: 0.006Lux/ F1.4(Color): 0 Lux with IR ON
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Day/Night: Auto (ICR)/ Manual
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BS-854N12K/13K

- Resolution: 4MP 1/3" CMOS Sensor
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 3.6/6 mm
- Min.Illumination: 0.08Lux/ F2.0(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BL-854N28L

- Resolution: 4MP 1/2.3" CMOS Sensor
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 2.8 ~ 12 mm
- Min.Illumination: 0.08Lux/ F1.4(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Face/Tripwire/Intrusion/Abandoned/ Missing/Object Counting
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### DL-852T28B

- Resolution: 2MP 1/2.8" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 2.8 ~ 12 mm
- Min.Illumination: 0.006Lux/ F1.4(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### DL-855P28B

- Resolution: 5MP 1/2.8" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 2.8 ~ 12 mm
- Min.Illumination: 0.01Lux/ F1.3(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Face/Tripwire/Intrusion/Object counting/Abandoned/Missing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### ES-854N11H/12H

- Resolution: 4MP 1/3" Sony CMOS
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 2.8/3.6 mm
- Min.Illumination: 0.08Lux/ F2.0(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



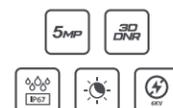
### EL-854N28I

- Resolution: 4MP 1/3" CMOS Sensor
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 2.8 ~ 12 mm
- Min.Illumination: 0.08Lux/ F1.4(Color): 0 Lux with IR ON
- IVA: Face/Tripwire/Intrusion/Object counting/Abandoned/Missing/Video loss
- Day/Night: Auto (ICR)/ Manual
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BS-855P12K/13K

- Resolution: 5MP 1/2.8" Sony CMOS
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 3.6/6 mm
- Min.Illumination: 0.01Lux/ F1.6(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Face/Tripwire/Intrusion/Object counting/Abandoned/Missing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BL-855P28L

- Resolution: 5MP 1/2.8" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 2.8 ~ 12 mm
- Min.Illumination: 0.01Lux/ F1.3(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Face/Tripwire/Intrusion/Abandoned/ Missing/Object Counting
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



## W Series



### BS-852T12K/13K

- Resolution: 2MP 1/3" Sony CMOS
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 3.6/6 mm
- Min.Illumination: 0.006Lux/ F1.6(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Object counting/ Abandoned/Missing/Video loss
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



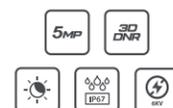
### BL-852T28L

- Resolution: 2MP 1/2.8" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 2.8 ~ 12 mm
- Min.Illumination: 0.006Lux/ F1.4(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Tripwire/Intrusion/Abandoned/ Missing/Object Counting
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### ES-855P11H/12H

- Resolution: 5MP 1/2.8" Sony CMOS
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 2.8/3.6 mm
- Min.Illumination: 0.01Lux/ F1.6(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Face/Tripwire/Intrusion/Object counting/Abandoned/Missing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### EL-855P28I

- Resolution: 5MP 1/2.8" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 2.8 ~ 12 mm
- Min.Illumination: 0.01Lux/ F1.3(Color): 0 Lux with IR ON
- IVA: Face/Tripwire/Intrusion/Object counting/Abandoned/Missing
- Day/Night: Auto (ICR)/ Manual
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C





### BS-858M12K/13K



- Resolution: 8MP 1/1.8" Sony CMOS
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 3.6/6 mm
- Min.Illumination: 0.06Lux/ F1.5(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Face/Tripwire/Intrusion/Object counting/Abandoned/Missing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### BL-858M28L



- Resolution: 8MP 1/1.8" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 3.6 ~ 11 mm
- Min.Illumination: 0.06Lux/ F1.5(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Face/Tripwire/Intrusion/Abandoned/Missing/Object counting
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### ES-858M11H/12H



- Resolution: 8MP 1/1.8" Sony CMOS
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fixed Lens 2.8/3.6 mm
- Min.Illumination: 0.06Lux/ F1.5(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Face/Tripwire/Intrusion/Object counting/Abandoned/Missing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### EL-858M28I



- Resolution: 8MP 1/1.8" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 3.6 ~ 11 mm
- Min.Illumination: 0.06Lux/ F1.5(Color): 0 Lux with IR ON
- IVA: Face/Tripwire/Intrusion/Object counting/Abandoned/Missing
- Day/Night: Auto (ICR)/ Manual
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### DL-858M28B



- Resolution: 8MP 1/1.8" Sony CMOS
- IR Range: 20 - 30 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Motorized VF 3.6 ~ 11 mm
- Min.Illumination: 0.06Lux/ F1.5(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Face/Tripwire/Intrusion/Object counting/Abandoned/Missing
- Power Consumption: <3.2 W (IR off)
- Operating Temperature: -30 °C ~ 60 °C



### DL-858V12C-FS



- Resolution: 8MP 1/1.7" STARVIS Sony CMOS
- IR Range: 10 - 20 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: Fish-eye lens
- Min.Illumination: 0.1Lux/ F1.4(Color): 0 Lux with IR ON
- Day/Night: Auto (ICR)/ Manual
- IVA: Face/Tripwire/Intrusion/Object counting/Abandoned/Missing
- Power Consumption: <5 W (IR off)
- Operating Temperature: -10 °C ~ 50 °C

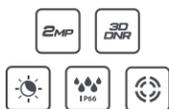


## PTZ Cameras - HD Analog PTZ

### PS-32C10/18J



- Resolution: 2MP 1/2.9" Sony Sensor
- IR Range: 100 m
- Signal Output: AHD/TVI/CVI/CVBS
- Focal Lens: 5.1 - 51 mm (10X Optical zoom)/ 5.35 - 93.6 mm (18X optical zoom)
- Pan Tilt: Pan: 0.1° ~ 200°/s; Tilt: 0.1° ~ 200°/s
- Preset: 128
- Min.Illumination: 0.1Lux/ F2.0(Color): 0 Lux with IR ON
- Power Consumption: <30 W (IR off)
- Operating Temperature: -40 °C ~ 60 °C



### PS-35C10/18J



- Resolution: 5MP 1/2.7" CMOS Sensor
- IR Range: 100 m
- Signal Output: AHD/TVI/CVI/CVBS
- Focal Lens: 5.1 - 51 mm (10X Optical zoom)/ 5.35 - 93.6 mm (18X optical zoom)
- Min.Illumination: 0.01Lux/ F1.6(Color): 0 Lux with IR ON
- Pan Tilt: Pan: 0.1° ~ 200°/s; Tilt: 0.1° ~ 200°/s
- Preset: 128
- Power Consumption: <30 W (IR off)
- Operating Temperature: -40 °C ~ 60 °C



### PL-32C20D/33D



- Resolution: 2MP 1/2.9" Sony Sensor
- IR Range: 120 m
- Signal Output: AHD/TVI/CVI/CVBS
- Focal Lens: 4.7 - 94 mm (20X Optical zoom)/ 4.6 - 152 mm (33X optical zoom)
- Pan Tilt: Pan: 0.1° ~ 200°/s; Tilt: 0.1° ~ 180°/s
- Preset: 128
- Min.Illumination: 0.1Lux/ F2.0(Color): 0 Lux with IR ON
- Power Consumption: <35 W (IR off)
- Operating Temperature: -40 °C ~ 60 °C



### PS-35C20/33D



- Resolution: 5MP 1/2.7" CMOS Sensor
- IR Range: 120 m
- Signal Output: AHD/TVI/CVI/CVBS
- Focal Lens: 4.7 - 94 mm (20X Optical zoom)/ 4.6 - 152 mm (33X optical zoom)
- Min.Illumination: 0.01Lux/ F2.0(Color): 0 Lux with IR ON
- Pan Tilt: Pan: 0.1° ~ 200°/s; Tilt: 0.1° ~ 180°/s
- Preset: 128
- Power Supply: <35 W (IR off)
- Operating Temperature: -40 °C ~ 60 °C



## PTZ Cameras - IP PTZ

### W Series

### PL-852E23F-AMS



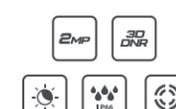
- Resolution: 2MP Starlight 1/2.8" Sony Sensor
- IR Range: 180 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: 4.7 - 108.1 mm (23X Optical zoom)
- Pan Tilt: Pan: 0.1° ~ 180°/s; Tilt: 0.1° ~ 180°/s
- Preset: 256
- Min.Illumination: 0.052Lux/ F1.6(Color): 0 Lux with IR ON
- Functions: Alarm/Audio/SD card slot/IVA Smart
- Power Supply: 24V DC 1.5A / PoE (IEEE802.3at)
- Operating Temperature: -20 °C ~ 55 °C



### PL-852E33F-AMS



- Resolution: 2MP Starlight 1/2.8" Sony Sensor
- IR Range: 180 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: 4.3 - 141.9 mm (33X Optical zoom)
- Min.Illumination: 0.052Lux/ F1.6(Color): 0 Lux with IR ON
- Pan Tilt: Pan: 0.1° ~ 180°/s; Tilt: 0.1° ~ 180°/s
- Preset: 256
- Power Supply: 24V DC 1.5A / PoE (IEEE802.3at)
- Operating Temperature: -20 °C ~ 55 °C



### PL-852E33E-AMS



- Resolution: 2MP Super Starlight 1/1.8" Sony Sensor
- IR Range: 200 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: 4.3 - 141.9 mm (33X Optical zoom)
- Pan Tilt: Pan: 0.1° ~ 150°/s; Tilt: 0.1° ~ 150°/s
- Preset: 255
- Min.Illumination: 0.001Lux/ F1.6(Color): 0 Lux with IR ON
- Functions: Alarm/Audio/SD card slot/IVA Smart
- Power Supply: 24V DC 1.5A
- Operating Temperature: -20 °C ~ 55 °C



### PL-852E40E-AMS



- Resolution: 2MP Starlight 1/2.8" Sony Sensor
- IR Range: 200 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: 4.6 - 184 mm (40X Optical zoom)
- Min.Illumination: 0.052Lux/ F1.6(Color): 0 Lux with IR ON
- Pan Tilt: Pan: 0.1° ~ 150°/s; Tilt: 0.1° ~ 150°/s
- Preset: 255
- Power Supply: 24V DC 1.5A
- Operating Temperature: -20 °C ~ 55 °C





## EZ Series



### PS-52B10F/18F

- Resolution: 2MP 1/2.9" Sony Sensor
- IR Range: 80 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: 4.7 - 47 mm (10X Optical zoom)/ 5.35 - 96.3mm (18X optical zoom)
- Pan Tilt: Pan: 0.1° ~ 80°/s; Tilt: 0.1° ~ 40°/s
- Preset: 220
- Min.Illumination: 0.1Lux/ F1.6(Color): 0 Lux with IR ON
- Power Supply: 12V DC 3A
- Operating Temperature: -40 °C ~ 60 °C



### PS-55B10F/18F

- Resolution: 5MP 1/2.5" CMOS Sensor
- IR Range: 80 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: 4.7 - 47 mm (10X Optical zoom)/ 5.35 - 96.3mm (18X optical zoom)
- Min.Illumination: 0.1Lux/ F1.6(Color): 0 Lux with IR ON
- Pan Tilt: Pan: 0.1° ~ 80°/s; Tilt: 0.1° ~ 40°/s
- Preset: 220
- Power Supply: 12V DC 3A
- Operating Temperature: -40 °C ~ 60 °C



### PL-52D18/36E (-M; -A)

- Resolution: 2MP 1/2.9" Sony Sensor
- IR Range: 150 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: 5.35 - 96.3mm (18X optical zoom)
- Pan Tilt: Pan: 0.1° ~ 480°/s; Tilt: 0.1° ~ 240°/s
- Preset: 220
- Functions: Alarm & Audio optional (-M; -A)
- Min.Illumination: 0.1Lux/ F1.6(Color): 0 Lux with IR ON
- Power Supply: 12V DC 4A
- Operating Temperature: -40 °C ~ 60 °C



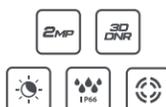
### PL-55D18E (-M; -A)

- Resolution: 5MP 1/2.5" CMOS Sensor
- IR Range: 150 m
- Compression Format: H.265+/H.265/H.264
- Focal Lens: 5.35 - 96.3mm (18X optical zoom)
- Min.Illumination: 0.1Lux/ F1.6(Color): 0 Lux with IR ON
- Pan Tilt: Pan: 0.1° ~ 480°/s; Tilt: 0.1° ~ 240°/s
- Preset: 220
- Functions: Alarm & Audio optional (-M; -A)
- Power Supply: 12V DC 4A
- Operating Temperature: -40 °C ~ 60 °C



### PL-52A12G (-M; -A)

- Resolution: 2MP Starlight 1/1.8" Sony Sensor
- Compression Format: H.265+/H.265/H.264
- Focal Lens: 7 - 84 mm (12X optical zoom)
- Pan Tilt: Pan: 0.1° ~ 480°/s; Tilt: 0.1° ~ 240°/s
- Preset: 220
- Functions: Alarm & Audio optional (-M; -A)
- Min.Illumination: 0.001Lux/ F1.5(Color): 0 Lux with IR ON
- Power Supply: 12V DC 4A
- Operating Temperature: -40 °C ~ 60 °C



### KB100 (Analog Keyboard)

- Protocol: Pelco-D; Pelco-P
- Interface: 1\*RJ45, 1\*RS485, 1\*RS422
- Baud Rate: 2400/4800/9600/19200 bps
- Control Camera Quantity: 32
- OSD Menu: English
- Built-in Screen Size: 1" LCD
- Working Temperature: 0°C ~ 50°C
- Power Supply: 12V DC 1.5A



### KB200 (IP Keyboard)

- Protocol: TCP/IP
- Interface: 1\*RJ45, 1\*HDMI, 1\*USB
- Baud Rate: 9600bps
- Control Camera Quantity: Unlimited
- OSD Menu: English
- Built-in Screen Size: 5" LCD
- Working Temperature: -20°C ~ 55°C
- Power Supply: 12V DC 2A



## XVR - 1080P Lite



### Z8304XEC-S

- 4 Channels 1080P Lite @ 25fps
- AHD/TVI/CVI/CVBS (Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way audio talkback
- Up to 4CH 2MP IP Camera
- H.264 High profile @ Level 4.2
- 32Mbps bandwidth
- 1 HDD, up to 8TB/Bay
- 12V DC 2A (<10W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8308XEC-SL

- 8 Channels 1080P Lite @ 10fps
- AHD/TVI/CVI/CVBS (Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way audio talkback
- Up to 8CH 2MP IP Camera
- H.264 High profile @ Level 4.2
- 32Mbps bandwidth
- 1 HDD, up to 8TB/Bay
- 12V DC 2A (<10W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8304XE-S

- 4 Channels 1080P Lite @ 25fps
- AHD/TVI/CVI/CVBS (Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way audio talkback
- Up to 4CH 2MP IP Camera
- H.264 High profile @ Level 4.2
- 32Mbps bandwidth
- 1 HDD, up to 8TB/Bay
- 12V DC 2A (<10W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8308/16XE-SL

- 8/16 Channels 1080P Lite @ 10fps
- AHD/TVI/CVI/CVBS (Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way audio talkback
- Up to 8/16CH 2MP IP Camera
- H.264 High profile @ Level 4.2
- 32/64 Mbps bandwidth
- 1 HDD, up to 8TB/Bay
- 12V DC 2A (<10W without HDD)
- Operating Temperature: 0°C ~ 55°C



## DVR - 5MP Lite



### Z8304/08XEC-CL

- 4/8 Channels 5MPLite @ 8fps
- AHD/TVI/CVI/CVBS (Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way audio talkback
- Up to 4/8CH 2MP IP Camera
- H.264 High profile @ Level 4.2
- 32/64 Mbps bandwidth
- 1 HDD, up to 8TB/Bay
- 12V DC 2A (<10W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8304XE-CL

- 4 Channels 5MP Lite @ 8fps
- AHD/TVI/CVI/CVBS (Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way audio talkback
- Up to 8CH 2MP IP Camera
- H.264 High profile @ Level 4.2
- 32Mbps bandwidth
- 1 HDD, up to 8TB/Bay
- 12V DC 2A (<10W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8308XE-CL

- 8 Channels 5MP Lite @ 8fps
- AHD/TVI/CVI/CVBS (Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way audio talkback
- Up to 16CH 2MP IP Camera
- H.264 High profile @ Level 4.2
- 64Mbps bandwidth
- 1 HDD, up to 8TB/Bay
- 12V DC 2A (<10W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8316XF-CL

- 16 Channels 5MP Lite @ 8fps
- AHD/TVI/CVI/CVBS (Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way audio talkback
- Up to 25CH 2MP IP Camera
- H.264 High profile @ Level 4.2
- 100Mbps bandwidth
- 2 HDD, up to 8TB/Bay
- 12V DC 3A (<10W without HDD)
- Operating Temperature: 0°C ~ 55°C



## NVR - Non PoE



### Z8504/08/16NER

- 4/8/16 Channels **5MP** NVR
- H.265+/H.265/H.264
- 4 Channels playback
- 1\*HDMI/1\*VGA
- 40Mbps bandwidth
- 1 HDD, up to 8TB/Bay
- 12V DC 2A (<15W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8516/32NFR

- 16/32 Channels **4K** NVR
- H.265+/H.265/H.264
- 16 Channels playback
- 1\*HDMI/1\*VGA
- 80Mbps bandwidth
- 2 HDD, up to 8TB/Bay
- 12V DC 3A (<20W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8536NMR

- 36 Channels **4K** NVR
- H.265+/H.265/H.264
- 16 Channels playback
- 1\*HDMI/1\*VGA
- 216Mbps bandwidth
- Face/Tripwire/Intrusion/Target Counting/Abandoned/Missing
- 4 HDD, up to 8TB/Bay
- 12V DC 5A (<35W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8536/64NHR

- 36/64 Channels **4K** NVR
- H.265+/H.265/H.264
- 16 Channels playback
- 1\*HDMI/1\*VGA
- 216/512 Mbps bandwidth
- Face/Tripwire/Intrusion/Target Counting/Abandoned/Missing
- RAID 0/1/5/6/10
- 9 HDD, up to 8TB/Bay
- 100 - 240V AC (<35W without HDD)
- Operating Temperature: 0°C ~ 55°C



## NVR - PoE



### Z8504NER-4P

- 4 Channels **5MP** PoE NVR
- H.265+/H.265/H.264
- 4 Channels playback
- 1\*HDMI/1\*VGA
- 40Mbps bandwidth
- 1 HDD, up to 8TB/Bay
- 48V DC 1.5A (<15W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8508NER-8P

- 8 Channels **5MP** PoE NVR
- H.265+/H.265/H.264
- 4 Channels playback
- 1\*HDMI/1\*VGA
- 80Mbps bandwidth
- 1 HDD, up to 8TB/Bay
- 48V DC 2.5A (<15W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8516NFR-16P

- 16 Channels **5MP** PoE NVR
- H.265+/H.265/H.264
- 16 Channels playback
- 1\*HDMI/1\*VGA
- 80Mbps bandwidth
- 2 HDD, up to 8TB/Bay
- 100 - 240V AC (<20W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8532NFR-16P

- 32 Channels **5MP** PoE NVR
- H.265+/H.265/H.264
- 9 Channels playback
- 1\*HDMI/1\*VGA
- 80Mbps bandwidth
- 2 HDD, up to 8TB/Bay
- 100 - 240V AC (<20W without HDD)
- Operating Temperature: 0°C ~ 55°C



## NVR - ZKBioFace Lite Series



### Z8536NMR-4F

- 4 Channels **Face** +32 Channels Regular 4K
- 5000 Face Templates
- Black/White list
- H.265+/H.265/H.264
- 16 Channels playback
- 1\*HDMI/1\*VGA
- 216Mbps bandwidth
- Face/Tripwire/Intrusion/Target Counting/Abandoned/Missing
- 4 HDD, up to 8TB/Bay
- 12V DC 5A (<35W without HDD)
- Operating Temperature: 0°C ~ 55°C



### Z8536NHR-4F

- 4 Channels **Face** +32 Channels Regular 4K
- 5000 Face Templates
- Black/White list
- H.265+/H.265/H.264
- 16 Channels playback
- 1\*HDMI/1\*VGA
- 216Mbps bandwidth
- Face/Tripwire/Intrusion/Target Counting/Abandoned/Missing
- 9 HDD, up to 8TB/Bay
- 100 - 240V AC (<35W without HDD)
- Operating Temperature: 0°C ~ 55°C



## Face Capture Camera



### FC320

- **Resolution:** 2MP 1/2.8" Starlight SONY CMOS
- **Compression Format:** H.265+/H.265/H.264
- **Face Detection Quantity:** 30 faces/Frame
- **Min.Illumination:** 0.006Lux/F1.4(color) 0 Lux with IR on
- **IVA:** Face/Tripwire/Intrusion/Object counting/Abandoned/Missing
- **Functions:** Alarm/Audio/SD card slot
- **Day/Night:** Auto (ICR)/Manual
- **Power Consumption:** <3.2W
- **Operating Temperature:** -20 °C ~ + 55 °C



## DVR KIT Series - 1080P Lite



KIT-8304XEC-S-4-BS31A11M

- 4ch 1080p Lite XVR Kit with 4 units of 720p Plastic Bullet Cameras
- H.264 High Profile@Level 4.2
- AHD/TVI/CVI/CVBS(Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way Audio Talkback
- 1 HDD, up to 8TB/Bay
- 2.8 mm lens
- 18m BNC/Power Cable \* 4
- DC 12V 2A \* 2
- Operating Temperature: 0°C ~ + 55 °C



KIT-8304XEC-S-4-BS31A11B

- 4ch 1080p Lite XVR Kit with 4 units of 720p Metal Bullet Cameras
- H.264 High Profile@Level 4.2
- AHD/TVI/CVI/CVBS(Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way Audio Talkback
- 1 HDD, up to 8TB/Bay
- 2.8 mm lens
- 18m BNC/Power Cable \* 4
- DC 12V 2A \* 2
- Operating Temperature: 0°C ~ + 55 °C



KIT-8308XEC-SL-8-BS31A11M

- 8ch 1080p Lite XVR Kit with 8 units of 720p Plastic Bullet Cameras
- H.264 High Profile@Level 4.2
- AHD/TVI/CVI/CVBS(Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way Audio Talkback
- 1 HDD, up to 8TB/Bay
- 2.8 mm lens
- 18m BNC/Power Cable \* 8
- DC 12V 2A \* 1 / DC 12V 4A \* 1
- Operating Temperature: 0°C ~ + 55 °C



KIT-8308XEC-SL-8-BS31A11B

- 8ch 1080p Lite XVR Kit with 8 units of 720p Metal Bullet Cameras
- H.264 High Profile@Level 4.2
- AHD/TVI/CVI/CVBS(Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way Audio Talkback
- 1 HDD, up to 8TB/Bay
- 2.8 mm lens
- 18m BNC/Power Cable \* 8
- DC 12V 2A \* 1 / DC 12V 4A \* 1
- Operating Temperature: 0°C ~ + 55 °C

## DVR KIT Series - 5MP Lite



KIT-8304XEC-CL-4-BS32B11M

- 4ch 5MP Lite XVR Kit with 4 units of 1080P Plastic Bullet Cameras
- H.264 High Profile@Level 4.2
- AHD/TVI/CVI/CVBS(Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way Audio Talkback
- 1 HDD, up to 8TB/Bay
- 2.8 mm lens
- 18m BNC/Power Cable \* 4
- DC 12V 2A \* 2
- Operating Temperature: 0°C ~ + 55 °C



KIT-8304XEC-CL-4-BS32B11B

- 4ch 5MP Lite XVR Kit with 4 units of 1080P Metal Bullet Cameras
- H.264 High Profile@Level 4.2
- AHD/TVI/CVI/CVBS(Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way Audio Talkback
- 1 HDD, up to 8TB/Bay
- 2.8 mm lens
- 18m BNC/Power Cable \* 4
- DC 12V 2A \* 2
- Operating Temperature: 0°C ~ + 55 °C



KIT-8308XEC-CL-8-BS32B11M

- 8ch 5MP Lite XVR Kit with 8 units of 1080P Plastic Bullet Cameras
- H.264 High Profile@Level 4.2
- AHD/TVI/CVI/CVBS(Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way Audio Talkback
- 1 HDD, up to 8TB/Bay
- 2.8 mm lens
- 18m BNC/Power Cable \* 8
- DC 12V 2A \* 1 / DC 12V 4A \* 1
- Operating Temperature: 0°C ~ + 55 °C



KIT-8308XEC-CL-8-BS32B11B

- 8ch 5MP Lite XVR Kit with 8 units of 1080P Metal Bullet Cameras
- H.264 High Profile@Level 4.2
- AHD/TVI/CVI/CVBS(Auto-detect)/IP
- 1\*HDMI/1\*VGA
- Two way Audio Talkback
- 1 HDD, up to 8TB/Bay
- 2.8 mm lens
- 18m BNC/Power Cable \* 8
- DC 12V 2A \* 1 / DC 12V 4A \* 1
- Operating Temperature: 0°C ~ + 55 °C

# Antarvis 2.0

## Video Management Software



### Features

- Central management system for ZKTeco 8000 series IPC and NVR
- Supports PTZ control and 3D positioning function
- Supports decoder and group management
- Supports 64 channels preview synchronously for each layout
- Supports smart search, dual-stream playback, e-Map, ONVIF, fish camera display

Live View	
Synchronously Playing	Up to 64-CH playing synchronously
Screen Size	Full screen/ 4:3/ 16:9
Device Management	
Channel	Support up to 256 cameras
Protocol	ZKTeco/ ONVIF
Video/Audio Compression	
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 and Playback	
Recording Mode	Scheduled/ Event Alarm
Search Type	Normal/ Motion/ Alarm/ Intelligent
Playback Channel	Support 9-CH synchronized playback
Alarm	
Alarm Type	Alarm In/ Motion detection/ Tampering/ Video Loss/ Intrusion alarm/ Object alarm/ Tripwire alarm/ Counting alarm
Alarm Action	Capture/ PTZ/ e-Map/ Record/ Pop Image/ TV Wall
Minimum System Requirements	
Language	Simplified Chinese/ English/ Spanish/ French/ Portugese/ Russian
OS	Windows7/ 8/ 10

# Antarview Pro

## Video Surveillance Management Application



### Features

- Supports iOS and Android operating system
- Supports 1/ 4/ 9/ 16 channels preview synchronously
- Supports QR code scanning to add devices via P2P
- Supports local and remote playback for images and videos
- Supports alarm push function

Devices	
Supported Devices	8000 series IPC/ NVR/ DVR
Add Device Method	Serial Number/ QR Code Scan
Features	Remote Configure/ ZKTeco Private Cloud
Video	
Compression Format	H.265/ H.264
Display Resolution	Standard Definition, High Definition
Features	Flexibly switch display resolution depends on the network condition
Live	
Video Display Split	1/ 4/ 9/ 16
Features	UTC, PTZ, Snapshot, Record, Talkback, Audio, Resolution Switch, Favorites, Full Screen
Playback	
Recording Mode	Remote or Local playback
Features	Snapshot, Record, Fast/ Slow play, Audio
Alarm Type	
Push Type	Motion Detection, Alarm In, Video Lost, Video Mask, Disk Full, Disk Error, Illegal Access, Network Disconnect, IP Conflict, Intrusion, Object Detection, Sound Detection, Face Detection, Fire Detection, VQD, High Temperature, Low Temperature, Video Loss, Scene Change
Minimum System Requirements	
OS	Android 4.1 and above
CPU	1.0 GHZ and above
RAM	2.0 GB and above
Display Resolution	480*800 and above



## Biometrics

Today, the biometric markets are finally ready. Areas including consuming market, government programs and industry applications need accurate improvement and cost-cutting solutions. In these applications accuracy and security are extremely important. Thus, biometric technology has been selected for its user-friendliness and its ability to block illegal attempts to the system.



## USB Scanner - Fingerprint



### SLK20R

- **Material:** Optical glass
- **CPU:** 280MHz
- **Flash:** 32 MB
- **Water Splash:** No damage
- **Power Consumption:** 5V : 200mA scanning; 5V : 60mA idle
- **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 ~ 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.

### ZK9500

- **Material:** Optical glass
- **CPU:** 280MHz
- **Flash:** 32 MB
- **Water Splash:** No damage
- **Power Consumption:** 5V : 200mA scanning; 5V : 60mA idle
- **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.



## USB Scanner - Finger Vein



FPV10R

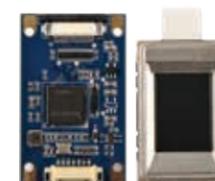
- **Material:** Optical
- **Effective Collecting Area:** 13.24\*15.7 mm
- **Image Size:** 256\*360pixel/ 240\*320pixel
- **Image Resolution:** 500dpi/ 300dpi
- **Gray Level:** 256
- **Interface Socket:** USB Type A
- **Communication:** USB 2.0/ USB1.1
- **Power Voltage:** 4.8V ~ 5.5V (USB)
- **Operating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

## Embedded Module - Fingerprint



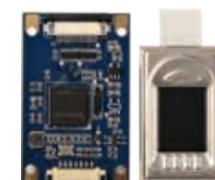
SLK20M

- **Material:** Optical glass
- **CPU:** 280 MHz
- **Flash:** 32 MB
- **Water Splash:** No damage
- **Power Consumption:** 5V : 200mA scanning; 5V : 60mA idle
- **Interface Type:** Molex 51021 - 0700 (7 pin; 1.25 mm)
- **Dimension:** 36.2\*44.2\*15.85 mm
- **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:** ZKFingerV10.0; ISO19794-2; ANSI 379
- **Certifications:** FCC, CE, RoHS, PIV
- **Operating Environment:** -20 °C ~ 50 °C; 90% r.h.



Bio30M

- **Material:** Optical glass
- **CPU:** 280MHz
- **Flash:** 32 MB
- **Communication:** UART (115200bps/TTL3.3V)/USB 2.0
- **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
- **Template:** ZKFinger V10.0
- **Dry, moist, or rough fingerprints:** Work well
- **Image Resolution:** 508 dpi
- **Image Size:** 256\*360pixel
- **Template Size:** 1- 4KB (ZKFinger V10.0)
- **Certifications:** FCC, CE, RoHS
- **Operating Environment:** -20 °C ~ +50 °C; 90% r.h.
- **Power Consumption:** 5V:200mA Scanning; 5V: 100mA idle



Bio31M

- **Material:** Optical glass
- **CPU:** 280MHz
- **Flash:** 32 MB
- **Communication:** UART (115200bps/TTL3.3V)/USB 2.0
- **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
- **Template:** ZKFinger V10.0
- **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.
- **Power Consumption:** 5V: 200mA Scanning; 5V: 100mA idle

## Embedded Module - Finger Vein



FPV10M

- **Material:** Optical
- **Effective Collecting Area:** 13.24\*15.7 mm
- **Image Size:** 256\*360 pixel/ 240\*320 pixel
- **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 - Face

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FA10M

- **CMOS Photosensitive Chip:** OV 1/2.7 sensor & Aptina 1/2.7 sensor
- **Effective Pixels:** 1920(H)\*1080(V)/ 640(H)\*480(V)
- **Clarity:** HD 1080P/ 480P
- **Pixel Size:** 3.0 um\*3.0 um
- **Illumination:** 0.1Lux/ F2.0
- **Frame Rate:** 1920\*1080 at 30fps; 1280\*720 at 30fps
- **Signal Noise Ratio:** ≥45dB
- **Synchronize:** Internal synchronization
- **Dynamic Range:** 70DB/ 110DB
- **Camera Shot:** M8 shoot (650 optical filter; Horizontal viewing angle: 65°; Vertical viewing angle: 40°)
- **Video Output:** MJPG/ YUY
- **Power Supply:** USB 5V
- **Power Consumption:** 570MA ± 5%
- **USB Interface:** 5 pin 1.25mm USB2.0
- **Working Temperature:** -10°C ~ 55°C (Humidity: 10%RH ~ 95%RH)
- **Size:** 70mm\*22mm\*10.5mm

## Smart Bio-Terminals

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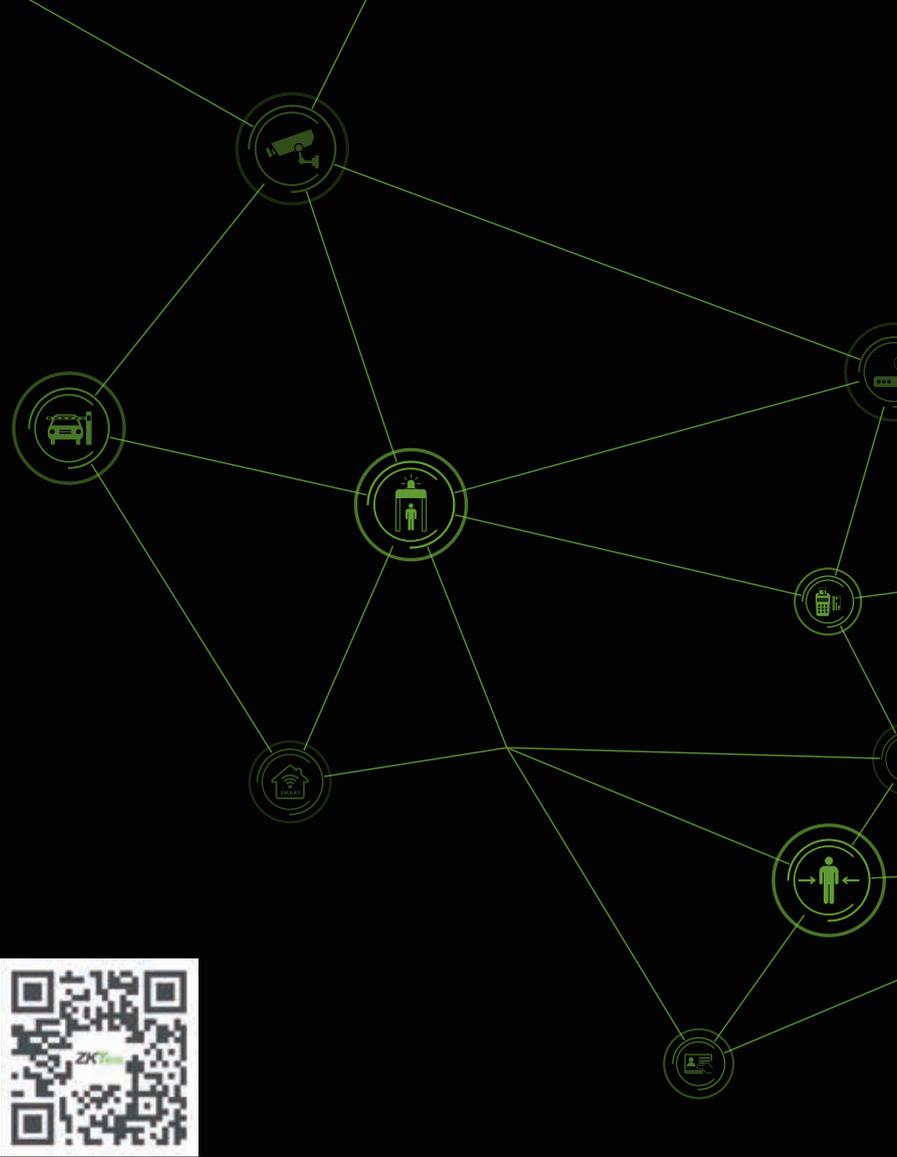
HB510

- **CPU:** Quad core 64 bit Cortex A53 1.3GHZ
- **Display:** 5 inch IPS HD screen Corning gorilla touch screen
- **Camera:** Rear 8 million pixels; Comes with flash; Auto focus
- **RAM:** 2GB; ROM: 16GB
- **Operating System:** Android 5.1.1
- **Communication:** Wi-Fi, 4G, Bluetooth 4.0
- **Interface Socket:** USB 2.0
- **Image Resolution:** 720\*1280 pixel
- **Dimension:** 170\*85\*23 mm (±2mm)
- **Battery:** 4500 mAh Li-polymer
- **Sealing:** IP65, IEC compliance
- **Operating Environment:** 0°C ~ 50°C; 90% r.h.
- **Optional Function:** Fingerprint Module/ Barcode/ NFC
- **Power Consumption:** 5V 2A
- **SDK:** Can provide the corresponding SDK



HB500

- **CPU:** Quad core 1.3GHz
- **Display:** 7 inch HD screen touch screen
- **Camera:** Front 2 million pixels; Rear 5 million pixels; Auto-focus with LED flash
- **RAM:** 2GB; ROM: 16GB
- **Image Resolution:** 720\*1280 pixel
- **Operating System:** Android 5.1.1
- **Communication:** Wi-Fi, 4G, Bluetooth 4.0
- **Interface Socket:** USB 2.0
- **Dimension:** 249\*132\*22 mm
- **Battery:** 3.7V, 7000mAh Li-polymer
- **Sealing:** IP54, IEC compliance
- **Operating Environment:** -20 ~ 50°C; 90% r.h.
- **Optional Function:** Fingerprint Module/ Barcode/ NFC
- **Power Consumption:** 5V 2A
- **SDK:** Can provide the corresponding SDK



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[www.zkteco.me](http://www.zkteco.me)

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