



**ZKTeco**

# PRODUCT CATALOGUE

BIOMETRICS &  
COMPUTER VISION



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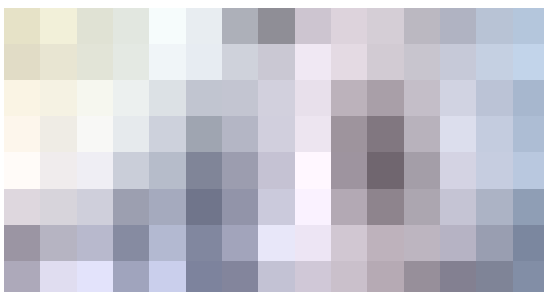
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ZKTECO CO., LTD. (ZKTeco) (301330: CN Shenzhen Stock Exchange) is an internationally renowned enterprise which specializes in pioneering biometric recognition techniques, and provides products and solutions of smart entrance management, smart identity authentication and smart office. ZKTeco offers services on all fronts to public-service, enterprise-level and personal users.

ZKTeco has approximately 4,000 employees globally, among them there are over 1,100 R&D staffs and 730 foreign staffs. The enterprise owns 14 subsidiaries and 29 branches in China, and 38 subsidiaries in Hong Kong, Macau, Taiwan and overseas (As of December 2021).

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

ZKTeco has been earning global recognitions and has been selected by a&s Magazine as one of the "Top 50 Global Security Companies 2022" and is ranked Top 12 Globally, and is honoured by being selected as the "Top 10 HRMS Solution Providers 2019" by HR Tech Outlook, and "Top 30 Technology Innovations 2019" by Security Sales & Integration. In 2015 and ZKTeco was awarded "ESX Innovation Awards" in the Electronic Security Expo 2015.

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

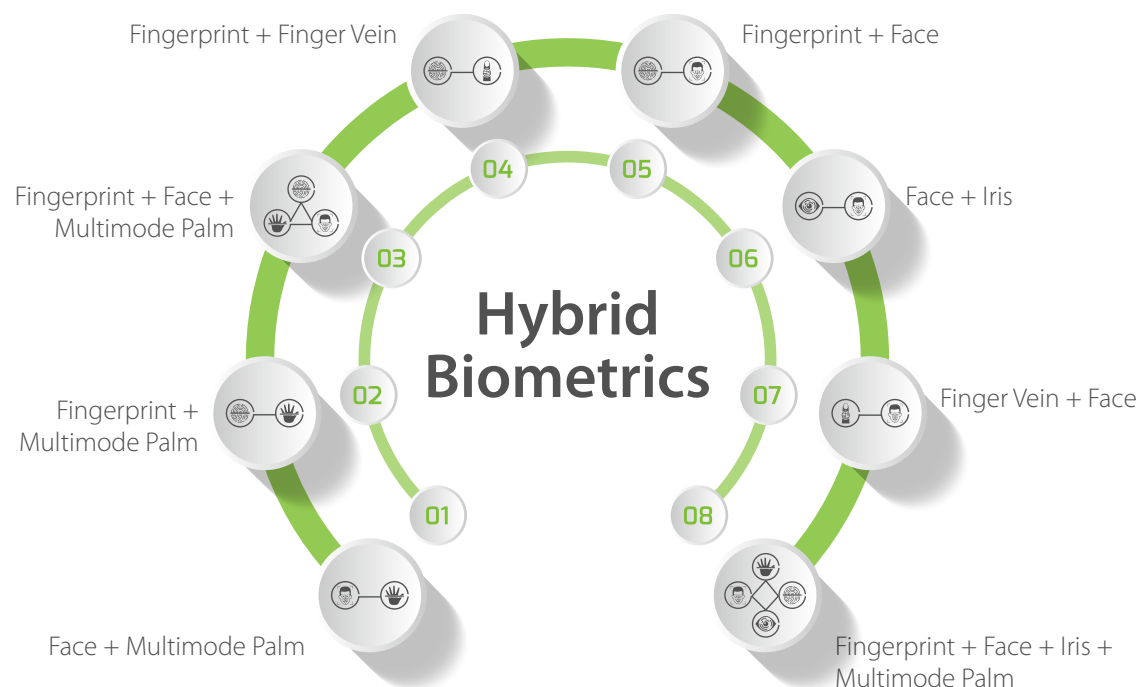
## COMPANY PROFILE



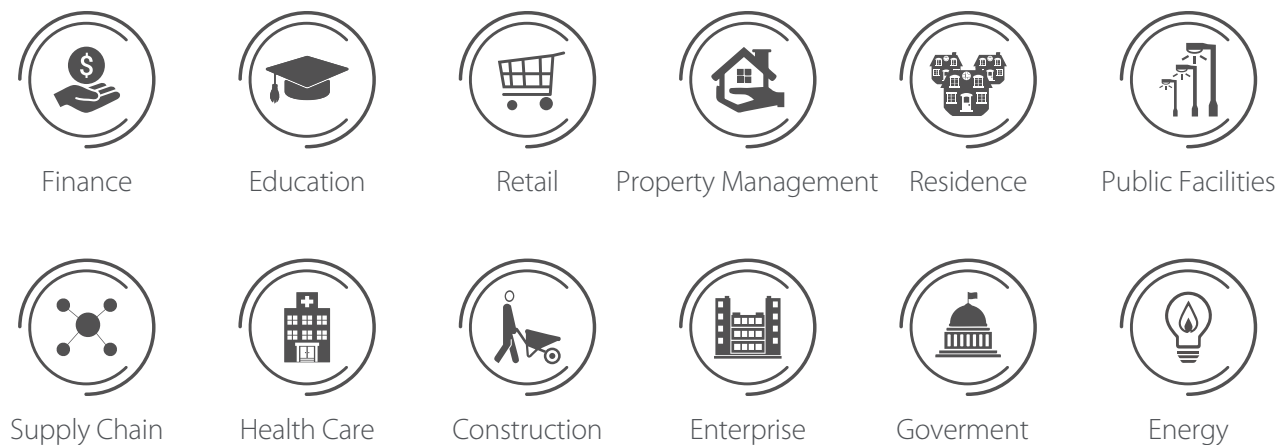


# Core Technology

## Bio4 HybridBio Verification Technology



## Application



## ZKTeco Strength



Nearly 1100+ R&D Engineers



More than 600 Salespeople



More Than 730  
Foreign Employees



More Than 600  
Technical Consultants



More than 3,800+ Workers



80+ Global  
Branch Offices

1,100+ R&D  
Staffs

3,800+ Employees  
Globally

## ZKTeco Alliance



SAC/TC100  
/SC2

NITS/SC37

## Main Business

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Empowerment Integrated Business based on Biometric Verification Core Techniques (Smart Identity Authentication Application)



Smart Entrance & Exit "Person + Car + Object" Software Platform Empowerment Integrated Business (Smart Entrance & Exit Application))

ZKTeco+ Smart Office Cloud Platform Empowerment Integrated Business (Smart Office Application)



EXCELLENT



QUALITY

AVERAGE

PO



# ZKTeco

## Accreditations

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Quality Assurance  
Management



Occupational Health And  
Safety Management



Environmental  
Management



Information Security  
Management



Information Security  
Management



Information Security  
Management



IT Service  
Management



Software  
Development  
Matureness



# Green Label Series

- Professional Security Product Line
- Advanced Biometric Technology
- High Physical Security Standard









# **ZKBio CVSecurity**

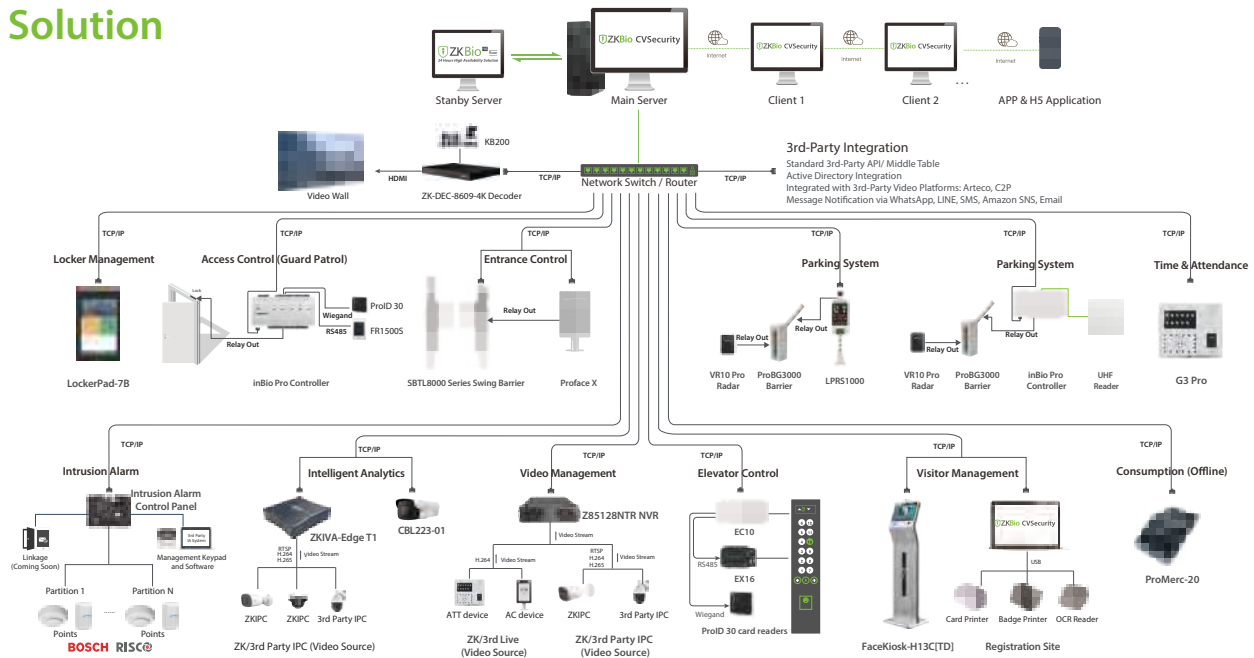


ZKBio CVSecurity provides a comprehensive web-based security platform with the adoption of hybrid biometric and computer vision technology. It contains multiple modules: Personnel, Time & Attendance, Access Control, Visitor Management, Parking, Elevator Control, FaceKiosk, Video Management, Mask and Temperature Detection, Online/Offline Consumption, Guard Patrol, Intelligent Video Analytics, Locker Management ,Intrusion Alarm,Service Center, and other smart sub-system.

The platform adopts micro-service development framework with robust system performance characteristics, such as high availability, scalable modules, fully secure communication, and solid third-party integration scalability.

By taking full advantage of our extensive experience in the access control industry , ZKTeco integrates video surveillance and smart analysis to study real-time video content and collect meta data to create an effective early warning system and issue a prompt response. So that ZKBio CVSecurity offers a precise verification after the incident, establishing a practical security ecosystem.The system ensures safety protection for people, vehicles and properties.

## Solution



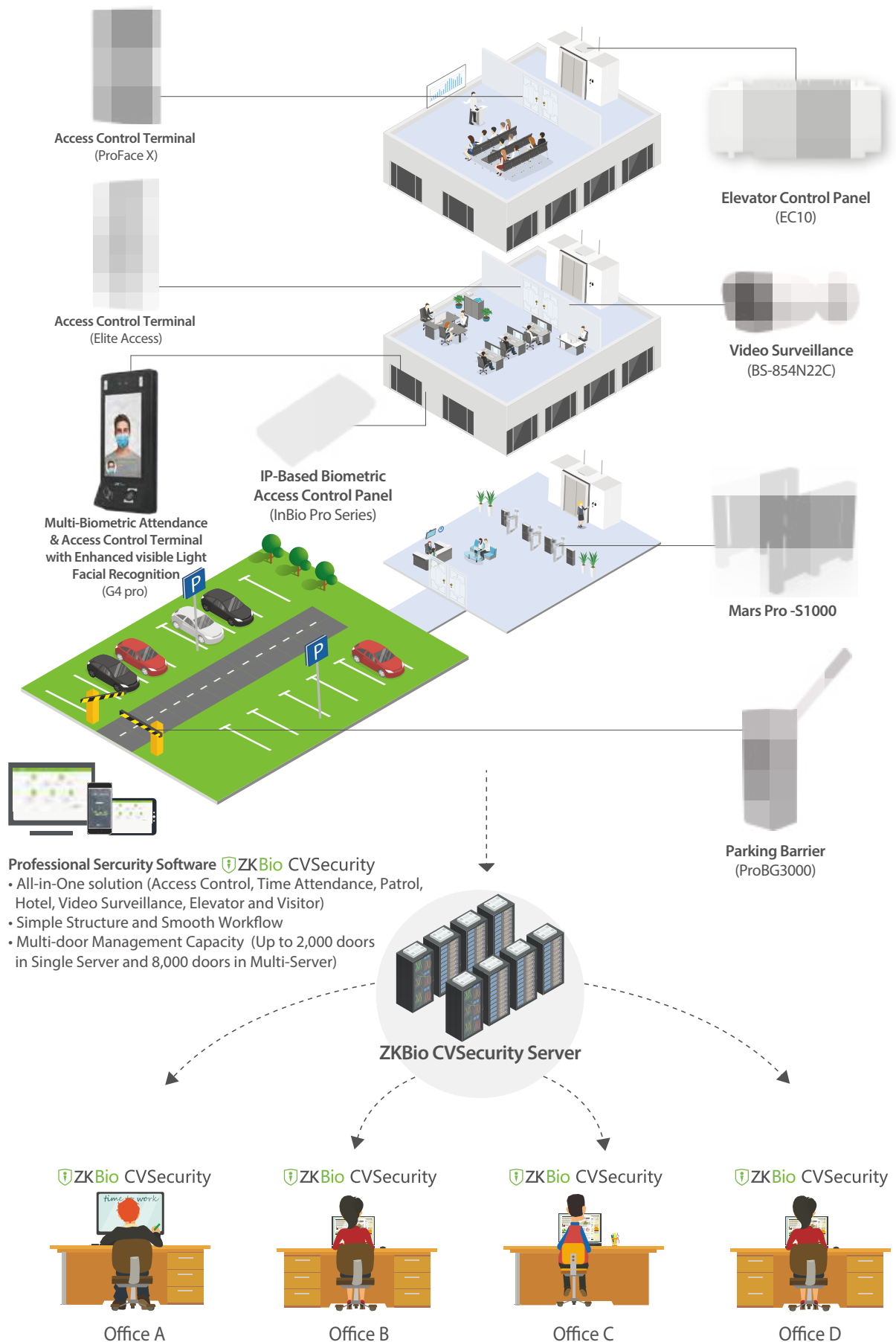
## Features

Web Application	Multi-point Deployment	Flexible 3rd-Party System Integration	High Availability ZKBio HA Integration
Visual Data Panel	Scramble(Dynamic) QR Code Credential	Mask & Temperature Detection Supported	Visible Light Facial Recognition
Video Patrol	Global Anti-Passback and Linkage	Entrance Terminal Management	LPR Camera for Parking
Flexible Elevator Control	Smooth and Advanced Visitor Management	Self-Service Visitor Management	WhatsApp, LINE, SMS, Amazon SNS Notification
FaceKiosk Information Screen	Time & Attendance	Professional Video Management System	Intelligent Video Linkage
Personal Trajectory	Intelligent Target Search	Smart Camera Perimeter Protection	People Counting
Smart Camera Tailing Detection	Smart Camera Personnel Control	Smart Camera Attendance Checking	GIS Map
Microsoft Active Directory	Card Printer	OCR	Consumption Management (Online & Offline)

- Supports visible light facial recognition devices
- Up to 2,000 doors in single server and unlimited doors in multi-server
- Supports displaying device and alarm information such as access control, video, facekiosk, etc.on GIS maps (Baidu/Google/Super Map), and presenting personnel trajectories.
- Advanced access control features (Global Anti-passback, Global Linkage, Global Interlock People Counting /Personnel Availability/Muster Point)
- Supports LCD Screen for lobby to real-time display event records
- Gate Barrier ,Video recognition to generate T&A logs
- Support two-factor authentication for personnel and vehicles to improve safety
- Video integration compatible with 3rd party devices
- Supports Acuant OCR
- Support Whatsapp, Line, Amazon SNS, SMS linkage message notificationFlexible 3rd party API and Active Directory integration to integrate with 3rd party software
- Supports ZKBioHA high availability system, to ensure 24/7 continuity system operation

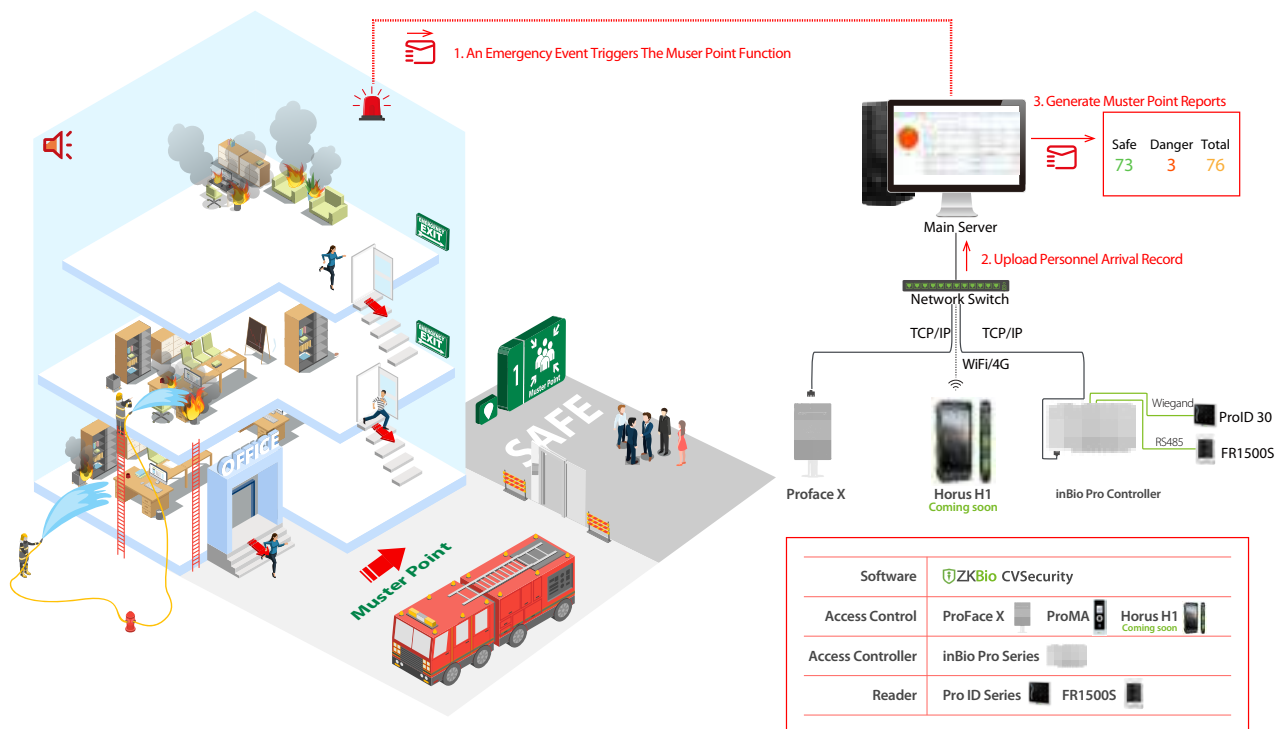


# "All-in-One" Web-Based Biometric Security Management Platform



# Muster Point

Muster Point Function: By setting an Muster point and installing access control devices at this safety point; When firefighting or emergency occurs, the linkage activates the safety point and opens the door; After the personnel escape, they go to the muster point for verification, which is conducive to the rapid statistics of the escaped and dangerous personnel, and improves the rescue efficiency.



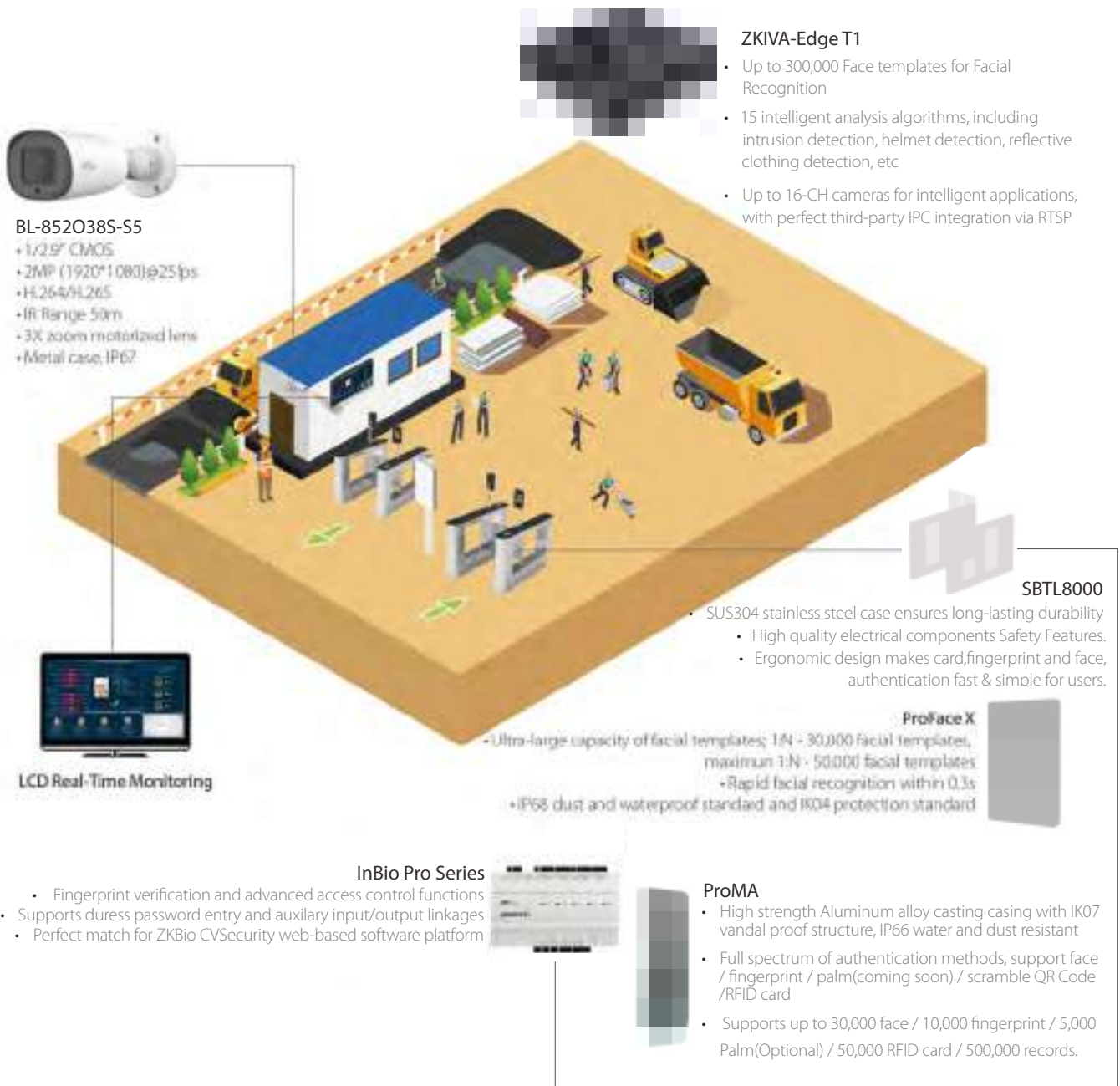
## ZKBio CVSecurity Parking Management Solution

There has been an increasing number of parking lots and vehicle management areas beginning to use License Plate Recognition (LPR) products and Ultra-high Frequency (UHF) products which provides convenient user experience. While using the LPR products with no parking cards required, the automatic license plate recognition enables fast vehicle access to parking lots. The UHF solution will help to reduce the inconvenience of punching the card which is more useful for the fixed cars application. Support two factor verification of driver identity and vehicle's license plate to improve safety.



# ZKBio CVSecurity Construction Solution

Integrated with ZKBio CVSecurity biometrics and personnel identification, ZKBio CVSecurity Construction Site has been newly added with worker management and construction site management modules. This system can effectively manage registered workers, worker's attendance and access control details in real time, which truly realize intelligent integrated management of workers and site security.





# ZKBio Time

## Powerful Web-based Time and Attendance Management Software

### ZKBio Time



**ZKBio Time** is a powerful web-based time and attendance management software that provides a stable connection to ZKTeco's standalone push communication devices with Ethernet / Wi-Fi / GPRS / 3G / 4G and working as a private cloud to offer employee self-service by mobile application and web browser.

Multiple administrators can access ZKBio Time anywhere with a web browser. As a result, ZKBio Time can easily handle hundreds of devices, thousands of employees and their transactions.

**ZKBio Time** comes with an intuitive user interface that can manage timetable, shift and schedule and quickly generate attendance reports.



### Features



Web-based  
Time Attendance Software



Multiple Kinds of  
Shift Scheduling



Employee Self-Service



E-mail Alert for  
Request Approval



Overtime Calculation



Auto Export of  
Attendance Report



Meeting Management



Mask & Body Temperature  
Detection



Visitor Management  
(Optional)



Simple  
Access Control



Auto-synchronization of  
Biometric Templates by Area



Security Settings



Multiple Approval



Leave Balance



Payroll Management



Attendance Calculation  
and Reports



Multiple Languages  
Available



Easy Integration  
with API

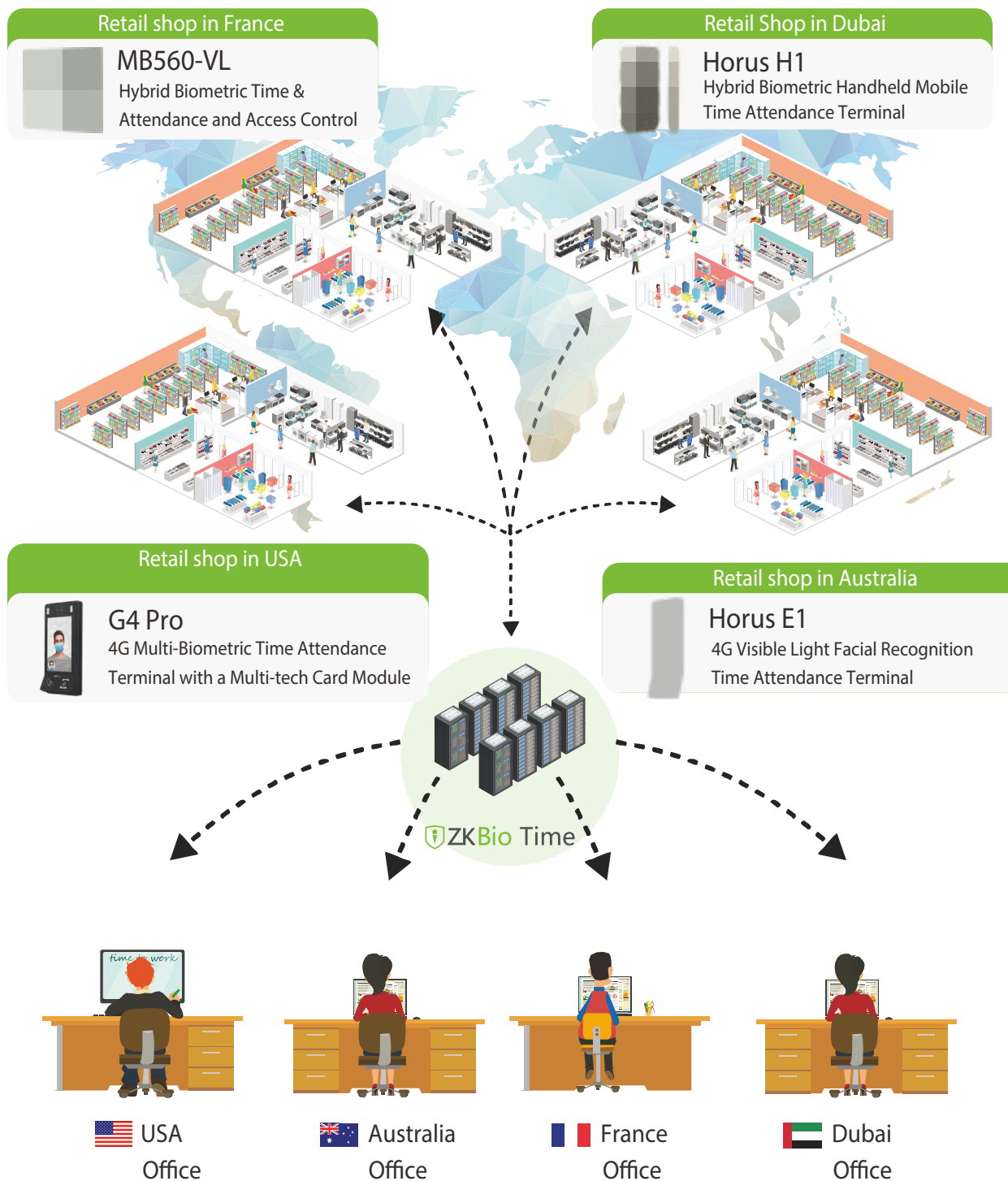


Mobile  
Application



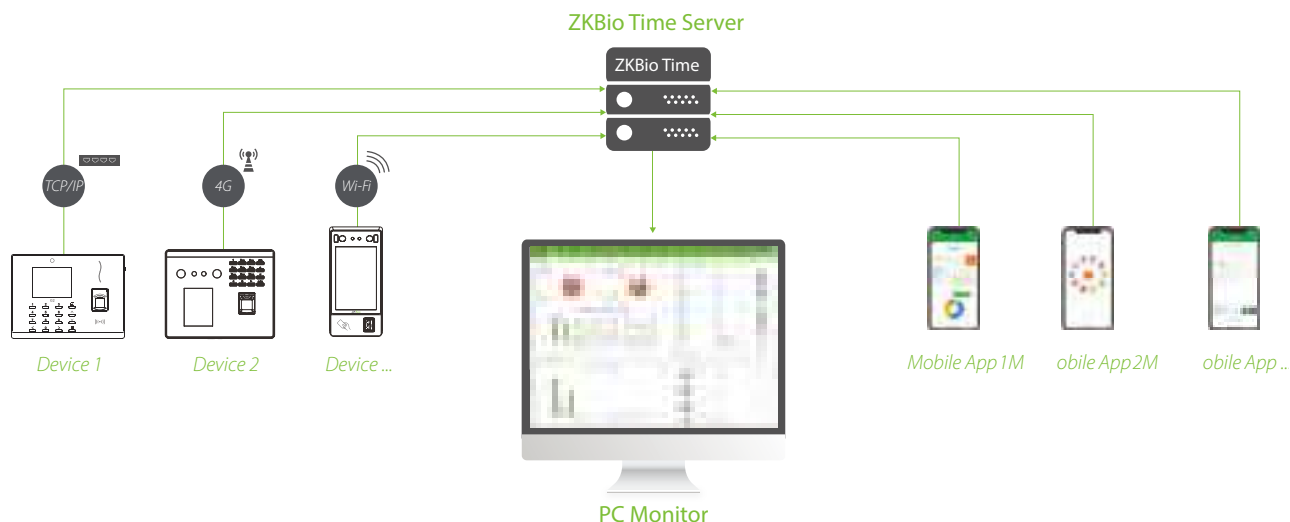
Database Backup  
and Restore

# Web-Based Multi-Location Centralized Time Management Solution





## Configuration



## Specifications

Software	
System Architecture	Server / Browser
Supported Devices	Standalone Device with Attendance PUSH Protocol: Green Label Series / A Series / B Series / FaceKiosk Series / iClock Series / IN Series / KF Series / MB Series / P Series / S Series / Silk Series / LP Series / U Series / UA Series / Face Series / VF Series / X Series
Device Capacity	500 devices in a single server (Please contact us for more information on capacity expansion.)
Database	PostgreSQL (Default), MSSQL Server 2005/2008/2012/2014/2016/2017/2019, MySQL5.0/5.6/5.7 Oracle 10g/11g/12c/19c
Supported OS	(64-bit only) Windows 7/8/8.1/10, Windows Server / 2008 / 2008 R2 / 2012 / 2012 R2 / 2016 / 2019
Suggested Browsers	Chrome 33+ / IE 11+ / Firefox 27+
Monitor Resolution	1024 * 768 or above
Hardware	
CPU	Dual Core Processor with speeds of 2.4 GHz or faster
RAM	4GB RAM available or above
Storage	100GB available space or above (We recommend using NTFS hard disk partition as the software installation directory.)



# ZKBio WDMS

## Powerful Web-based Data Master System Middleware



ZKBio WDMS is Web-based Data Master System, which is a middleware.

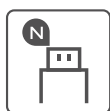
As a middleware, ZKBio WDMS allows you to deploy on servers and databases for devices for devices and transactions management.

Administrators can access ZKBio WDMS anywhere on a browser or a third-party software by API to handle thousands of devices.

The Mask & Temperature Detection (MTD) module records data about body temperature and mask detection taken for each employee entering the controlled area.

The system automatically imports personnel information through user's simple configuration.

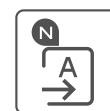
### Features



Employee Information  
Export/Import with a USB



Custom Attribute



Auto Import  
of Personnel Information



Managing Multiple  
Companies



Personnel Management



Device Communication  
Settings



Biometric Template  
Management



MTD Module



Transaction Auto Export



Database Backup &  
Restore

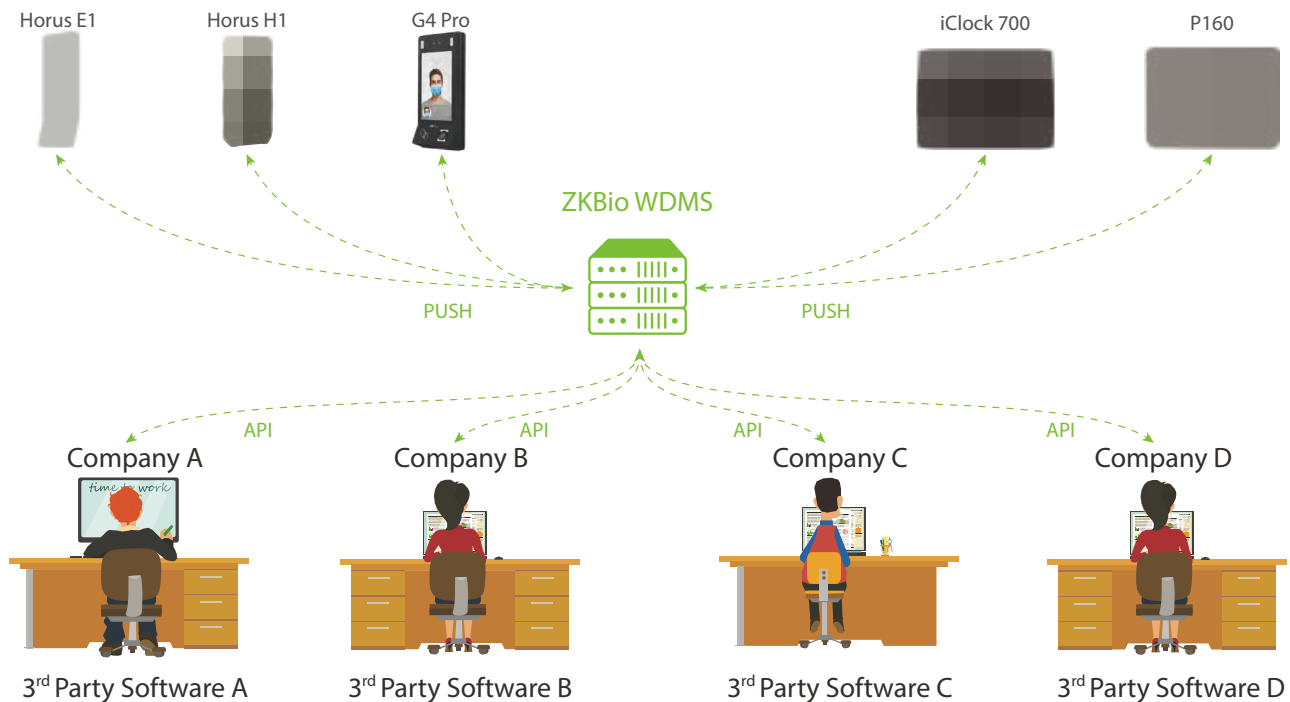


Email Settings



Login and Password  
Security Settings

## Configuration



## Specifications

Software	
System Architecture	Server / Browser
Supported Devices	Standalone Device with Attendance PUSH Protocol: Green Label Series / A Series / B Series / FaceKiosk Series / iClock Series / IN Series / KF Series / MB Series / P Series / S Series / Silk Series / LP Series / U Series / UA Series / Face Series / VFseries / X Series Palm Scanner:PV10R Face Scanner: FA10R
Device Capacity	500 devices in a single server (Please contact us for more information on capacity expansion.)
Database	PostgreSQL (Default), MSSQL Server 2005/2008/2012/2014/2016/2017/2019, MySQL5.0/5.6/5.7 Oracle 10g/11g/12c/19c
Supported OS	(64-bit only) Windows 7/8/8.1/10, Windows Server 2008/2008 R2/2012/2012R2 /2016/2019
Suggested Browsers	Chrome 33+ / IE 11+ / Firefox 27+
Monitor Resolution	1024 * 768 or above
Hardware	
CPU	Dual Core Processor with speeds of 2.4 GHz or faster
RAM	4GB RAM available or above
Storage	100GB available space or above (We recommend using NTFS hard disk partition as the software installation directory.)



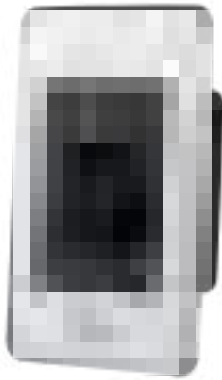
# GreenLabel Access Control Panel



## InBio Pro Series

- TCP / IP, RS485
- Webserver
- User & Card 60,000
- Fingerprint: 20,000
- Transactions: 100,000
- ID / IC / DESFire
- Door: 1 / 2 / 4
- Wiegand Reader: 2 / 4 / 4
- RS485 Reader: 8ea
- AUX In: 1 / 2 / 4
- AUX Out: 1 / 2 / 4

# GreenLabel RS485 Reader

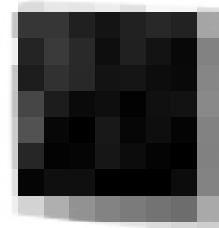
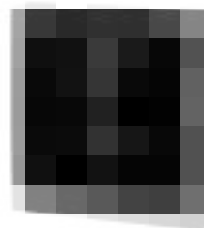


## FR1500S

- BioID+ Fingerprint Sensor
- Single gang Standard junction box installation
- RS485 Communication Interface
- Stainless Steel Front casing
- Protection level of IP65; fully dust tight and resistant to water splashes from any direction
- Flush-Mounted Design for neat installation

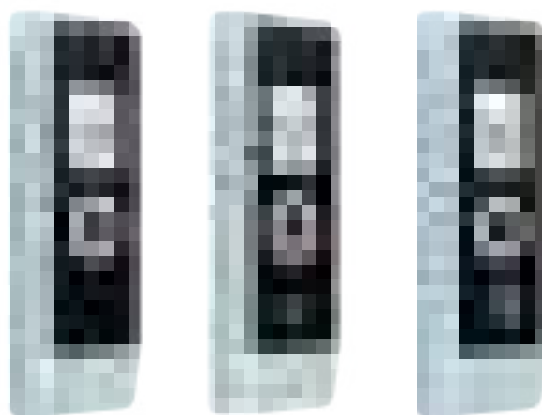
## ProID Multi-tech Reader Series

- Support multi-frequency tech cards, e.g. ID, IC, NFC, DESFire EV1 & EV2 and NFC tags
- Offers Wiegand and RS485 output
- Support Tamper Alarm
- LED light and touch keypad
- IP66, Waterproof design suitable for indoor or outdoor applications
- High stability and energy efficiency



## ProID20 BEMD-RS ProID30 BEMD-RS

# GreenLabel Access Control Standalone Device



ProMA

ProMA-QR

ProMA-RF

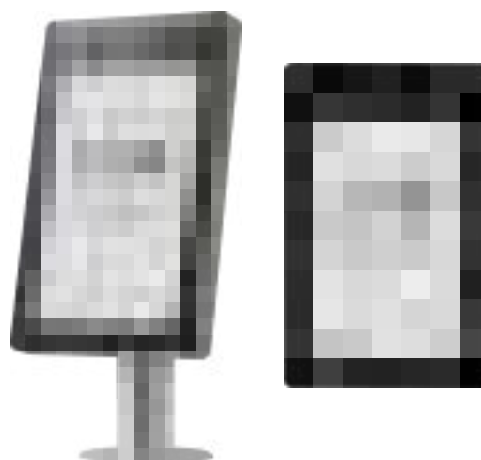
## ProMA Series

- High strength Aluminum alloy casting casing with IK07 vandal proof structure, IP66 water and dust resistant
- Outdoor Anti-Glare Facial Recognition Enhanced By HDR & WDR Technology, Supports 0 Lux to 100,000 Lux
- Operating temperature from -20°C to 55°C, Storage temperature from -25°C to 65°C, suitable for extreme environment
- Full spectrum of authentication methods, support face / fingerprint / palm (coming soon) / scramble QR Code / RFID card
- Supports up to 30,000 face / 10,000 fingerprint / 5,000 Palm (Optional) / 50,000 RFID card / 500,000 records. Supports IEEE 802.3af / at standard Power over Ethernet
- Supports multiple RFID modules and up to 100+ card types (including, ID / IC / Legic / Desfire EV1 / EV2 / HID Prox. / HID iClass / etc.)
- Supports scramble QR Code as high security mobile credential via ZKBio CVSecurity App
- HD video door phone via ZSmart mobile App & ZKBioTalk PC App (coming soon)
- Supports ONVIF for 3rd Party NVR / VMS integration to act as a surveillance camera
- Embedded web server for system configuration
- Fully complied with ZKCSBL (ZKTeco Cyber Security Base Line). Standard to provide advance protection
- Compatible with ZKTeco all-in-one security platform ZKBio CVSecurity



## ProFace X(DS)

- ZKTeco Dual Spectrum Facial Recognition intelligently combined Near-Infrared and Visible Light technology
- Dual Spectrum facial recognition for 0 ~ 10,000 lux environment based on ProFace X
- Support face recognition in low-light or no-light environments without fill light
- IP68 dust-proof and waterproof standard and IK04 protection standard
- Mask detection; facial recognition available with masks
- Work with everyone and improved the accuracy of facial recognition by 26% compared with the previous ProFace series



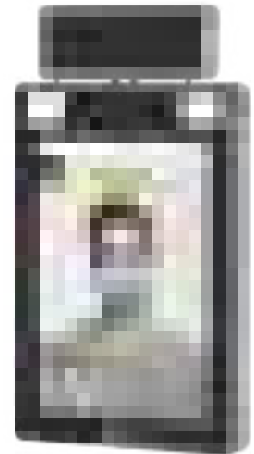
## ProFace X

- Ultra-large capacity of facial templates; 1:N - 30,000 facial templates, maximum 1:N - 50,000 facial templates, maximum 1:N - 5,000 Palm templates
- Rapid facial recognition within 0.3s
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack, and 3D mask attack
- Intelligent energy-saving design; precisely evaluates the distance (2.5m) between the user and the device by a microwave detector before waking up the recognition terminal
- 2MP CMOS sensor camera with WDR function, which enables the terminal to recognize faces under extremely lighting conditions (0.5 lux to 50,000 lux)
- Supplyment light with adjustable brightness
- IP68 dust and waterproof standard and IK04 protection standard
- Wide range of working temperature -30°C ~ 60°C ( -22°F~ 140°F)
- Video intercom (PC: ZKBioTalk, APP:ZSmart, SIP Protocol)
- ONVIF Protocol
- Scramble QR Code
- IK10 protection optional



## ProFace X [TI]

- Ultra-large capacity of facial templates for 1:N verification: 30,000 (standard); max. 50,000 (optional)
- Huge capacity of palm templates; 1:N - 5,000 palm templates
- Multiple Verification Methods: Face / Palm / Card / Password
- Thermal Imaging Temperature Detection, 0.1s High Speed Temperature Detection, measurement distance of 30 – 120cm
- Wide range of working temperature (16°C ~ 35°C; 60.8°F ~ 95°F)
- Facial verification available with masks
- Faces: 30,000 (1:N) ; 50,000 (Optional)
- Palm: 5,000 (1:N)
- Users: 50,000
- Transactions: 100W; 200W (Optional)
- Video intercom (PC: ZKBioTalk, APP: ZSmart)
- Scramble QR Code



## Elite Series (Applicable Models: Elite Pass / Elite Access)

- Quick facial recognition in 0.3 second
- Anti-spoofing algorithm against print attack, videos attack, and 3D mask attack
- IP68 dust and waterproof standard and IK04 impact protection standard
- Wide range of working temperature -30°C~60°C (-22°F~140°F)
- Ultra-large capacity of facial templates; 1:N – 30,000 facial templates, optionally supports maximum 1:N – 50,000 facial templates
- Supports Microwave detector, Outdoor facial recognition works at a distance of 3m
- 2MP WDR Low Light Camera, facial recognition under extreme lighting conditions (0.5 lux – 50,000 lux)
- The terminal supports several communication modes, TCP/IP, Wi-Fi (optional), RS485, RS232
- Video intercom



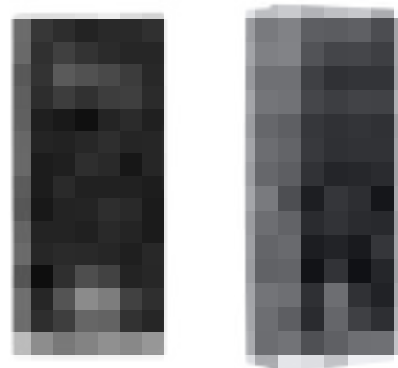
## ProRF (Only RFID)

Model	ProRF
Users / Cards Capacity	60,000, 100,000 (Optional)
Transactions	600,000
Communication	TCP / IP, RS232 / RS485, Wiegand Input / Output, Security Relay Box
Operating Temperature	-20°C~65°C (-4°F~149°F)



## ProCapture-T (RFID+Fingerprint)

Model	ProCapture-T
Users / Cards Capacity	10,000
Fingerprint Capacity	6,000
Transactions	100,000
User / Event Photos	3,000 / 7,000
Access Control Functions	Lock, Alarm, Aux. In, Exit Button, Door Sensor, Doorbell







## ProCapture-X (POE+Fingerprint)

- POE (Standard IEEE 802.3at) • BioID+ Fingerprint Sensor • Optional Wi-Fi

Model	ProCapture-X
Users / Cards Capacity	50,000
Fingerprint Capacity	20,000
Transactions	500,000
Communication	TCP/IP, RS485, USB host, Wiegand, Input / Output, Security Relay Box
Access Control Functions	Lock, Alarm, Aux. In, Exit Button, Door Sensor, Doorbell
Special Function	POE (Standard IEEE 802.3at)

## ProCapture-WP

### Waterproof Access Control Terminal

- IP65 Waterproof & Dustproof Levels
- 20,000 Fingerprints; 10,000 Users and Cards
- Transactions 100,000
- Optional: BioID+ Sensor (PIV)



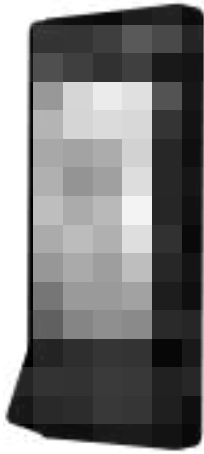
## inPulse+ (RFID+Vein & Fingerprint)



Model	inPulse+
Card Capacity	2,000
Vein & Fingerprint Capacity	1,500
Transactions	100,000
Communication	TCP / IP, USB-Host, Wiegand In / Out, SRB
Access Control Functions	Lock, Alarm, Aux. In, Exit Button, Door Sensor, Doorbell

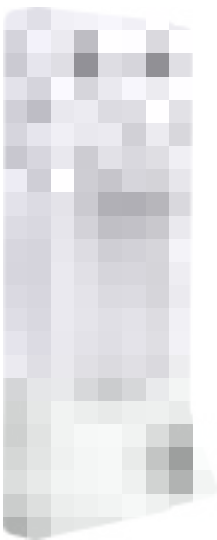
# Time Attendance

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## G4 pro

- Enhanced Visible Light Facial Recognition & Palm Recognition
- Ultra-large capacity of biometric templates
- Multiple Verification Methods: Face / Palm / Card / Password / Fingerprint (optional)
- Communication: 4G (optional), TCP/IP, Wi-Fi, Bluetooth, USB Host
- IEEE 802.3af / at PoE (Power over Ethernet) power supply
- Facial verification available with masks
- Body temperature detection feature optional
- Faces: 50,000(1:N)
- Card: 50,000(1:N)
- Fingerprint (Optional): 30,000(1:N)
- Transactions: 1,000,000



## G4L

- Revolutionary BioID+ Fingerprint Sensor
- Visible Light Facial Recognition
- Liveness Face Detection
- Facial Recognition Speed  $\leq 0.5s$
- Facial Recognition Distance 0.5m~3m
- 10,000 Face, 10,000 Fingerprint, 10,000 Cards
- Transactions: 1,000,000
- Standard Function: TCP/ IP / Wi-Fi / Lock Relay Output / Door Sensor / Alarm Output / Exit Button / Wiegand Input / Wiegand Output / RS485 / ID Card
- Optional Function: Built-in POE / Legic Card / IC Card
- 7-inch Touch Screen, 1280\*720 Pixel
- 2MP WDR Low Light Camera
- OS: Linux

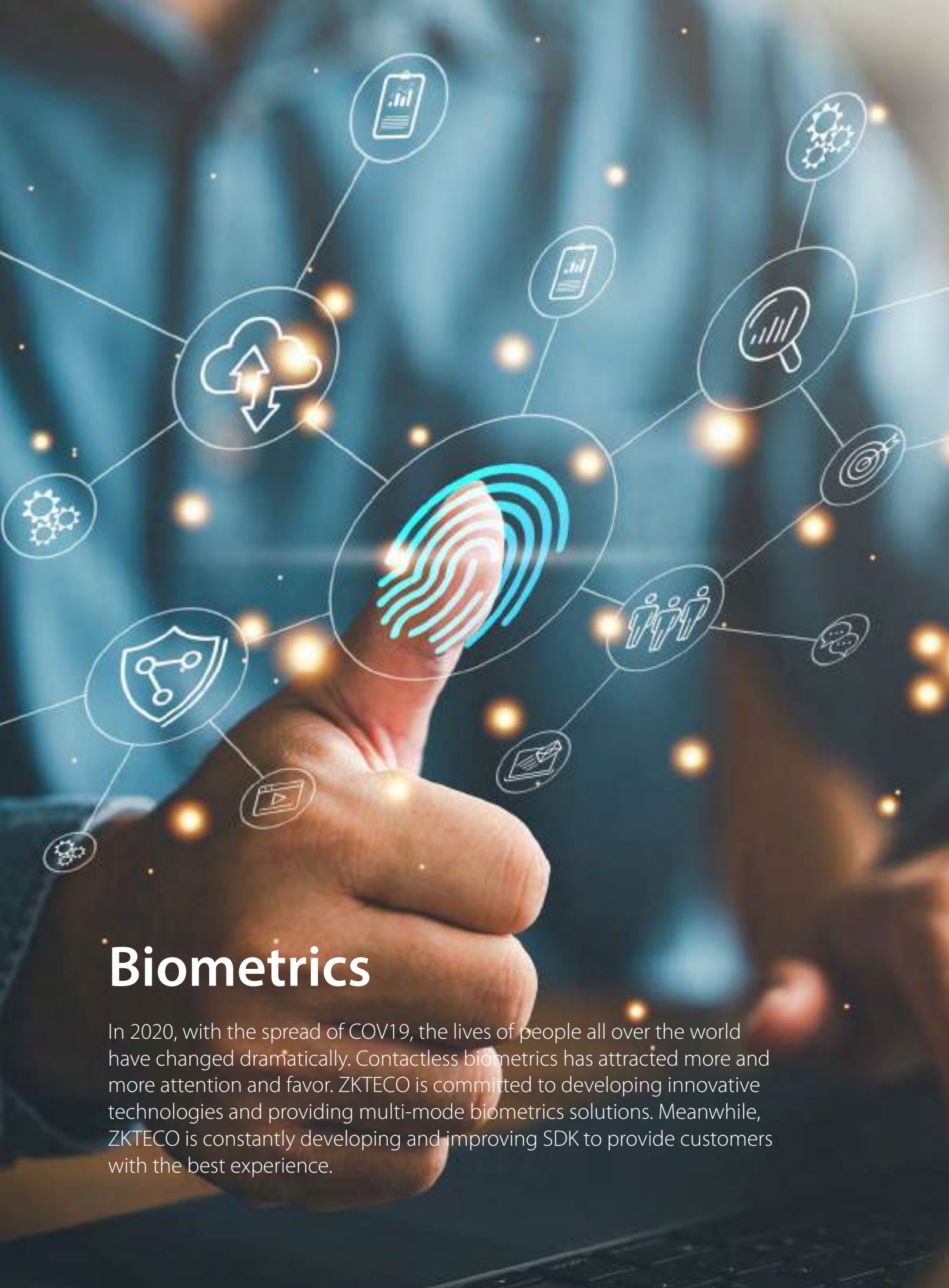


# SMART IDENTITY

Empowerment Integrated Business based on Biometric Verification  
Core Techniques (Smart Identity Authentication Application)







# Biometrics

In 2020, with the spread of COVID-19, the lives of people all over the world have changed dramatically. Contactless biometrics has attracted more and more attention and favor. ZKTECO is committed to developing innovative technologies and providing multi-mode biometrics solutions. Meanwhile, ZKTECO is constantly developing and improving SDK to provide customers with the best experience.

# Biometrics Products

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## USB Fingerprint Scanner

### Bio20R



- **PIV**  
Obtained PIV certification with image size 300 \* 400 Pixels
- **2-Megapixel CMOS**  
Embedded with a 2-megapixel CMOS, Stable operation under strong light
- **Live Detection**  
Supports live detection which enable quickly scanning of dry, wet and rough fingerprints
- **Fingerprint SDK**  
Provides Fingerprint SDK for host comparison, and ZKFingerprint V10.0 algorithm

### ZK9500

- **Collecting Area**  
Effective Collecting Area is 15.24 \* 20.32mm
- **USB 2.0**  
Supports High-Speed USB 2.0 interfaces
- **Live Detection**  
Supports live detection which enables quick scanning of dry, wet and rough fingerprints
- **FRR & FAR**  
FRR: <1%, FAR: <0.0001%



### ZK8500

- **Card Module**  
Read Mifare card or ID card number
- **Fingerprint Module**  
Optional two fingerprint modules (ZK9500 and BioID+)
- **USB 2.0**  
Supports High-Speed USB 2.0 interfaces
- **Illumination LED**  
LED indicates the status of the device



### Bio30R

- **Sensor Type**  
Semiconductor
- **Live Detection**  
Supports live detection which enable quickly scanning of dry, wet and rough fingerprints
- **Collecting Area**  
18.0 \* 12.8 mm / 0.709 \* 0.504 inch
- **USB 2.0**  
Supports High-Speed USB 2.0 interfaces







# Computer Vision (Android Products)

ZKTeco Computer Vision Android products line is based on the central control core face recognition technology, launched visible light attendance & access control devices and FaceKiosk devices. In addition to providing a stable firmware platform, it also provides firmware customization development, technical support, solution output and other related services for business partners.



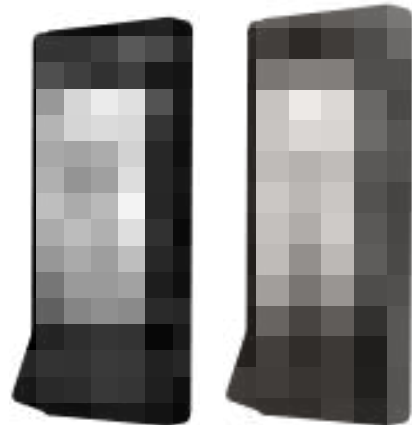
# Access Control

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## 4G Multi-Biometric Access Control Terminal

### G4 pro

- OS: Android 9.0 system with 7-inch Touch Screen
- Ultra-large capacity of biometric templates
- Multiple Verification Methods: Face / Palm / Card / Password / Fingerprint (optional)
- Communication: 4G (optional), TCP/IP, Wi-Fi, Bluetooth, USB Host
- IEEE 802.3af / at PoE (Power over Ethernet) power supply
- Facial verification available with masks
- Body temperature detection feature optional
- Faces: 50,000(1:N)
- Card: 50,000(1:N)
- Fingerprint (Optional): 30,000(1:N)
- Transactions: 1,000,000
- Android LDCP for the 3rd-party application integration

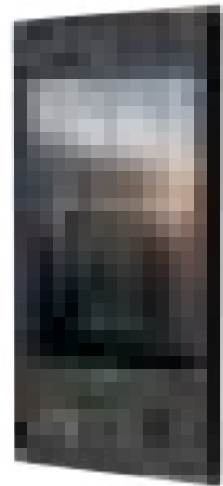


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## Multi-Biometric Access Control Terminal

### G5

- OS: Android 9.0 system with 8-inch Touch Screen
- Ultra-large capacity of biometric templates
- Binocular camera for living anti-fake, mask detection
- Communication: TCP/IP, Wi-Fi, Bluetooth, USB Host
- IEEE 802.3af / at PoE (Power over Ethernet) power supply
- Faces: 100,000(1:N)
- Card: 100,000(1:N)
- Fingerprint (Optional): 30,000(1:N)
- Log Capacity: 5,000,000
- Android LDCP for the 3rd-party application integration
- IP66 (IP65 with FP), IK04



## 4G Access Control Terminal with 3D Structured Light Facial Verify

### G6

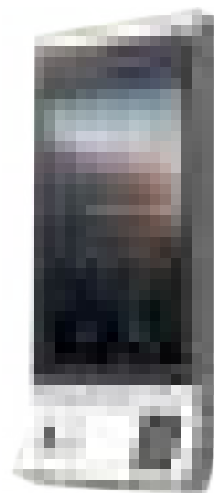
- OS: Android 9.0 system with 8-inch Touch Screen
- Visible Light+3D Structure Light Face Verify
- 13mm ultra-thin body, and the access control port is externally connected with hidden accessories
- In-display multi-tech cards tapping
- Binocular camera for living anti-fake, mask detection
- Communication: 4G(Optional), TCP/IP, Wi-Fi, Bluetooth, USB Host
- IEEE 802.3af / at PoE (Power over Ethernet) power supply
- Faces: 100,000(1:N)
- Card: 100,000(1:N)
- Log Capacity: 5,000,000
- Android LCDP for the 3rd-party application integration
- IP65



## Visible Light Facial Recognition Access Control Terminal

### FaceDepot-7B

- OS: Android 5.1 with 7-inch Touch Screen
- Dual-camera for real-time face detection
- Compatible with ZKTeco and 3rd party barrier
- Communication: TCP/IP, USB-host, Wi-Fi (Optional), RS485, RS232
- Access Control Interface: 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- Face Capacity: 10,000(1:N)
- Verify Distance: 30cm ~ 300cm
- FP Capacity: 10,000 (Optional)
- Card Capacity: 10,000 (Optional) ID or MF card
- Transaction Capacity: 100,000 Transactions
- Power Supply: 12V, 3A
- Operating Temperature: -10 °C- 45 °C
- Software: ZKBioAccess, ZKBio CVSecurity



# Time Attendance

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## Handheld Portable Time Attendance Terminal

### Horus H1

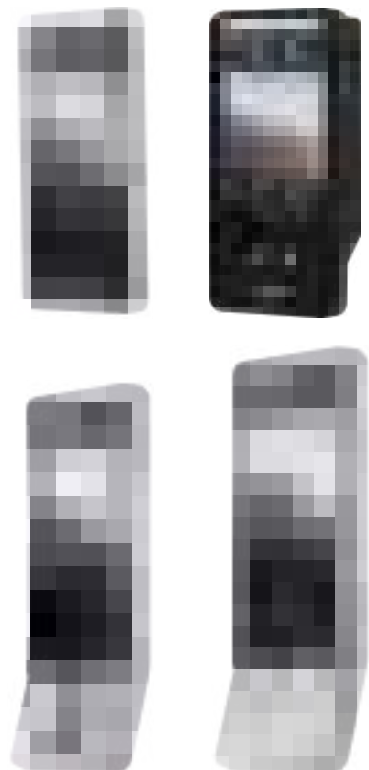
- 5.5-inch smartphone grade IPS touch LCD
- Multiple communication protocols are available: 4G, Wi-Fi, Bluetooth, and USB
- Get attendance records of employee in different areas
- Positioning attendance records only support sending to platform of BioTime
- Various further development options: embedded GPS and microphone
- Hybrid biometrics authentication method (facial recognition + fingerprint)
- Backup battery
- IP65
- Faces: 30,000 (1:N); max 50,000 (Optional)
- Card: 30,000 (1:N); max 50,000 (Optional)
- Fingerprint: 10,000 (1:N); max 30,000 (Optional)
- Transaction: 1,000,000



## Ultra-thin 4G and New Generate Facial Recognition Terminal

### Horus E1

- 1.5Ghz Quad-core, 2G RAM / 16G ROM
- New Deep Learning Algorithm
- Backup rechargeable battery optional (Only Horus E1)
- 5-inch HD touch LCD
- Communication: 4G, Wi-Fi, Bluetooth, USB OTG, TCP/IP, RS485
- Built-in PIR, speaker, microphone, GPS and A-GPS
- Backup battery (Optional)
- Security relay box for advance access control
- Optional: BioID+ FP sensor, RFID, 433Mhz wireless communication
- User Capacity: 10,000
- RFID Capacity (Optional): 10,000
- Facial Template Capacity: 6,000
- Fingerprint Capacity (Optional): 10,000
- Log Capacity: 100,000

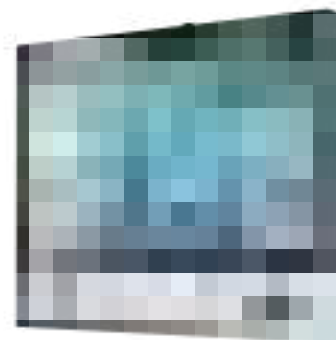


# Self-service Visitor Management Solution

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## FaceKiosk-H13A

- OS: Android 9.0 system with 13.3-inch Touch Screen
- Sensor: QR Code Scanner, BioID+ Fingerprint Sensor (Optional)
- Communication: TCP/IP, WIFI, USB Host, RS232, RS485
- Special Functions: IK04 & IP65
- User 500
- Visitor 9,500
- Card 500
- Transaction 100,000
- Android LCDP for the 3rd-party application integration



## FaceKiosk-H10B

- OS: Android 7.1 system with 10.1-inch dual touch screen
- Communication: 4G(optional), TCP/IP, WIFI, USB Host, RS232, RS485
- QR reader, ticket printer, OCR (optional, for scanning international standard passport)
- User 500
- Visitor 9,500
- Card 500
- Transaction 100,000

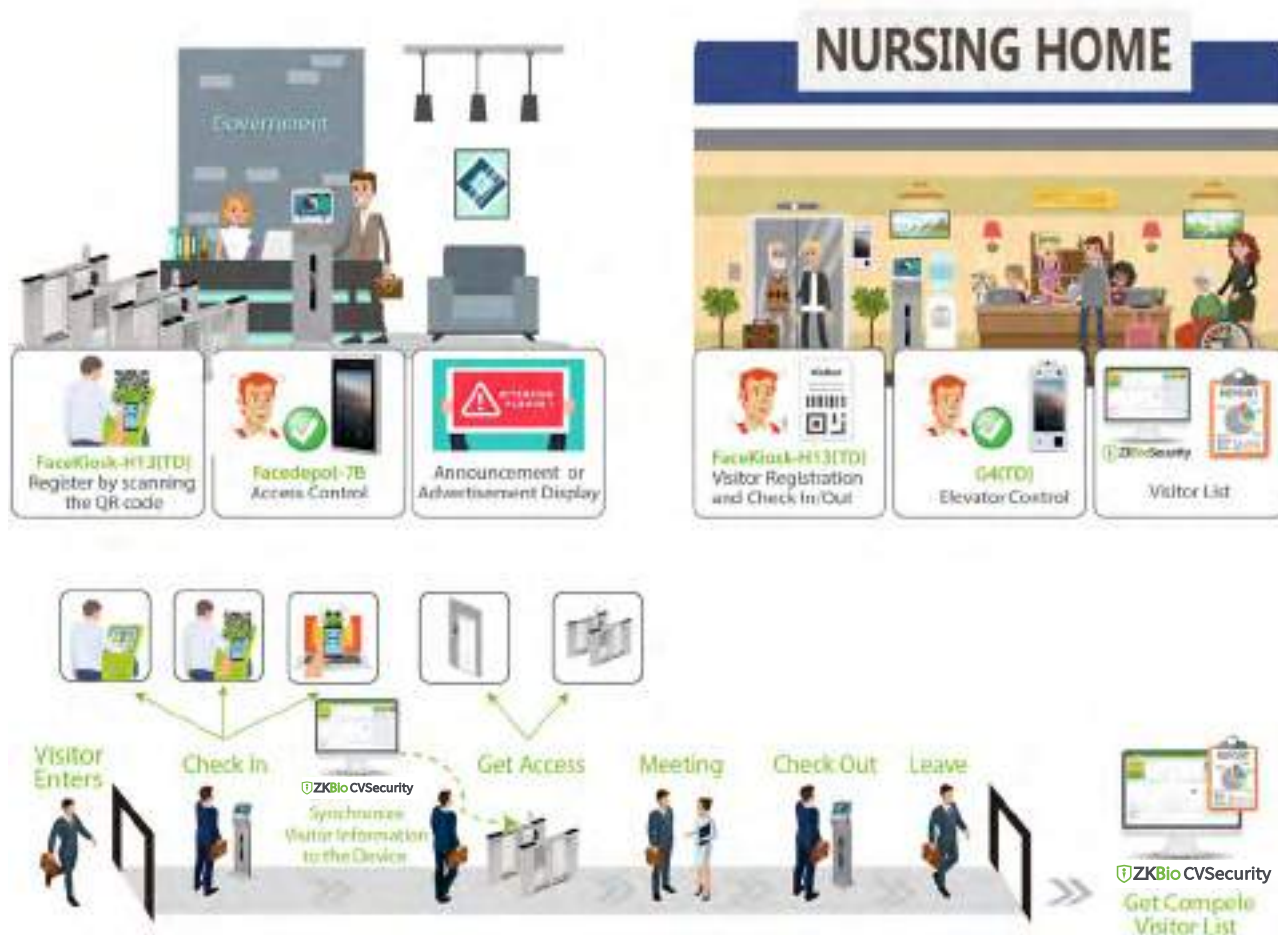


## FaceKiosk-H13C

- OS: Android 9.0 system with 13.3-inch Touch Screen
- Communication: 4G (optional), TCP/IP, WIFI, USB Host, RS232, RS485
- The combination of barcode and printer meet different customer needs
- Multiple module: Card, Fingerprint, QR reader, build-in printer
- Body temperature detection feature optional
- User 500
- Visitor 9,500
- Card 500, Fingerprint 500
- Transaction 100,000
- Android LCDP for the 3rd-party application integration



# Solution Application



## Facial Recognition Terminal for Lockers

### LockerPad-7B

- 7-inch dual touch screen (720\*1280 pixels)
- No additional consumables needed; energy saving and eco-friendly
- Real-time records, allowing retrieve of unlocking history and relevant data
- Supports photo playback and video advertisements
- It is perfectly compatible with 16:9 picture or video advertisements
- Regular User(locks) Capacity: 96
- Total Number of User Capacity: 10,000
- Faces: 10,000
- Transaction 100,000



# ZKTeco Android LCDP Tool for 3rd-party Integration

## - Built a Custom Application or Solution with ZKTeco Android Development Tool

ZKTeco Android LCDP - low-code development platform was designed for integrator and aims to provide developers with an open source platform with simpler interfaces and more flexible module configurations, to let development team can focus more on their own application development base on our platform and tools. The solution is in your hands, our ZKTeco terminal was fully customisable access control device easy to integrate with third-party solutions & customer business needs.

### Advantages

- Built for integrator, Years of experience in development helped us to create tools that are user-friendly and easy to implement
- Support multi-biometric identification integrate into 3rd-party application
- Multiple devices available: FaceDepot-7B, G4, G4 Pro, G5, Facekiosk-H13
- Support OEM, ODM based on ZKTeco terminal and development kit
- The application fee for development tools is free, customers need to pay the application fee in advance, and we will return to customers in future orders
- Development technical support for client
- We can also help customer to build solution for their business, If customer do not want to develop, ZKTeco's expert development team will turn their ideas into reality

ZKTeco LCDP (Low Code Development Platform) was used for 3rd party to develop their APPs and it contains two parts **EDK part** and **ADK part** to will make the development more easier and efficece



A man with curly hair and glasses, wearing a blue suit, is using a smart entrance control system. He is holding a small white card or paper near a sensor on a metal turnstile. The background is a blurred office or public space with other people and architectural elements.

# SMART ENTRANCE CONTROL

Smart Entrance & Exit "Person + Car + Object"  
Software Platform Empowerment Integrated Business  
(Smart Entrance Control Application)



# ZKBio Access IVS

## A more comprehensive solution taking small businesses to the next level

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

The new version supports Turkish, it allows users to switch among 18 languages.



### Features

#### Access Control

- Reliable access control logic
- Standard Anti-passback, Interlock, Linkage functions
- Supports most ZKTeco's access control terminals
- Automatic alarm notification
- Door status real-time monitoring
- User-friendly for one-click operation
- Supports expansion board for more applications

#### Mask & Temperature Detection

- Supports the latest Body Temperature & Mask Detection Terminals
- Provides responsive, intuitive, user-friendly web application for body temperature screening in secure areas
- Various analysis report formats

#### APP

- Supports two types of user accounts, Administrator and Employee
- Logging app with an administrator account, it is convenient for users to add personnel, control the doors and view the reports etc.
- It allows employees to use Mobile Credentials to open doors when logging in App with their account

#### Time & Attendance

- Flexible shift scheduling
- Set attendance by area or by different person
- Web-based attendance module suitable for multiple locations
- Supports multiple devices to be the attendance point
- Facial recognition records as Attendance data
- Automatic attendance report emailed to administrator

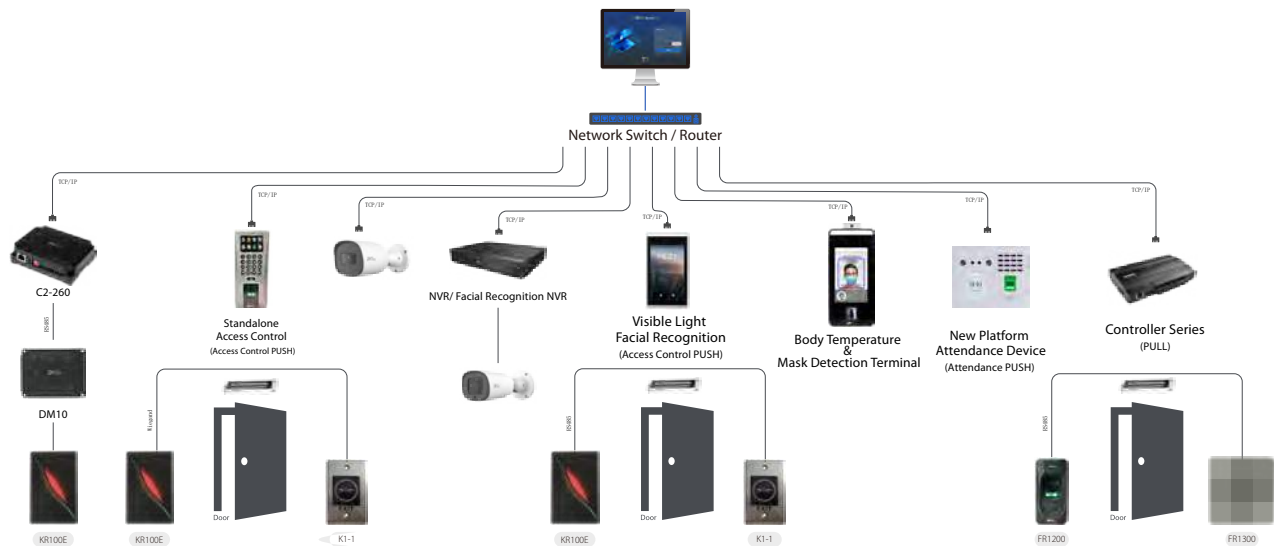
#### VMS

- Reliable Video Management System with real-time view, playback, recording, etc.
- Powered by Artificial Intelligence, providing different functions related to facial recognition, such as: allowlist, blocklist control, face searching, people tracking, etc.
- Configure video device alarm link
- Intelligent Global-Linkage between Video and Access / Time & Attendance
- Works with Visible Light Facial Recognition devices to offer Video Intercom system





## System Topology



	ZKBio CVSecurity	ZKBio Access IVS
Target Market	Project Charged (System Integration)	SMB Charged (Channel Distribution)
Architecture	B/S	* B/S
Protocol	Push SDK	* Push SDK & Pull SDK
Access Control Device	<ul style="list-style-type: none"> <li>Access Control Panels (inBio Pro Series)</li> <li>Green Label Standalone Series Devices (ProCapture-T / ProBio/ ProFAC / etc.)</li> <li>Visible Light Facial Recognition Series</li> </ul>	<ul style="list-style-type: none"> <li>Access Control Panels (C3 Series / inBio Series)</li> <li>Standalone Access Control Devices with PUSH Firmware (F18-S / F19-S / F21 Lite / MB800 / etc.)</li> <li>* Visible Light Facial Recognition Series</li> </ul>
Attendance Device	<ul style="list-style-type: none"> <li>Green Label Attendance Device (G1/ G2/ G3/ G4)</li> <li>Visible Light Facial Recognition Series</li> </ul>	<ul style="list-style-type: none"> <li>* New Platform Push Attendance Device (IN01-A / U160-C / iClock580 / uFace102 / etc.)</li> <li>* Visible Light Facial Recognition Series</li> </ul>
VMS (Video Management System)	Supports	* Supports
Multiple Locations Login	Supports	* Supports
Database	PostgreSQL (Default) MS SQL Server & Oracle (Optional)	PostgreSQL (Default) MS SQL Server & Oracle (Optional)
License Control	Supports	Supports
Service Policy	One-Year Warranty	* One-Year Warranty
License Fee	Contact us for Pricing	Contact us for Pricing

\* ZKBio Access IVS special features



# Access Control

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



## Features

- Visible light facial recognition
- Metallic casing and advance access control
- BioID+ sensor and RFID optional
- Video intercom (PC: ZKBio Talk, APP: ZSmart, SIP Protocol)
- Scramble QR Code
- ONVIF Protocol
- Linux OS
- Dual camera for better anti-spoofing
- Advance access control for high security scenarios
- Remotely open door and receive alarm by Android & iOS Apps -ZSmart

## Visible Light Facial Recognition Access Control Terminal

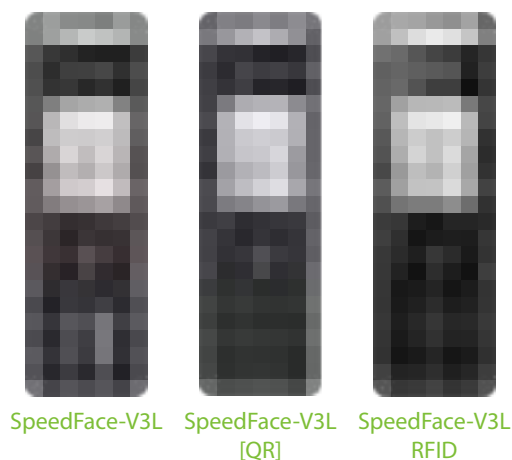
### KF1100 & KF1200

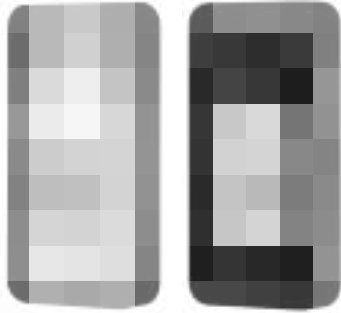
- Equipped with ZKTeco visible light facial recognition, offering one of the best facial recognition technologies in the industry
- Supports up to 1,500 facial / 30,000 cards / 100,000 records
- Supports multiple communication ports, TCP/IP, Wiegand output, RS485 (coming soon), Wi-Fi (coming soon)
- Wall Mount: KF1100 Compatible with Asian gang-box, KF1200 Compatible with Single gang-box
- User-friendly on-board web server for quick system configuration
- Fully compatible with inBio Series controller and ZKBio Access IVS security platform
- Fully complied with ZKCSBL (ZKTeco Cyber Security Base Line) Standard to provide advance protection



### SpeedFace-V3L Series

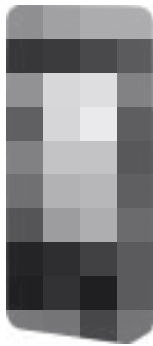
- Enhanced Visible Light Facial Recognition
- Full spectrum of authentication methods, support Face / Fingerprint / Scramble QR Code / RFID card / Password
- Supports up to 500 facial / 3,000 fingerprint / 3,000 RFID card / 200,000 records
- Available card modules: 125KHz ID card (EM) / 13.56MHz IC card
- HD video door phone via ZSmart mobile App & ZKBioTalk
- IP65 water and dust resistant
- Operating temperature from -5°C to 45°C
- Compatible with ZKBioAccess IVS



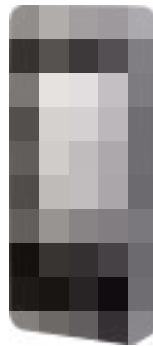


### SpeedFace-V3L(Lite)

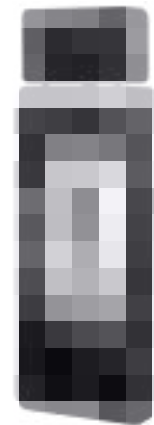
- 2.4-inch touch screen
- Available card modules: 12.5 KHz EM card / 13.56MHz IC card
- HD video door phone via ZSmart mobile App
- Embedded web server for system configuration
- Supports up to 500 facial / 3,000 RFID card / 200,000 records
- IP65 water and dust resistant
- Simple Access Control function



SpeedFace-V5L



SpeedFace-V5L[QR]

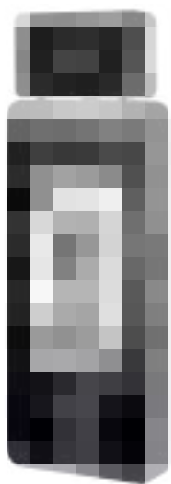


SpeedFace-V5L[QR][TI]

### SpeedFace-V5L Series

- Enhanced Visible Light Facial Recognition & Palm Recognition
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Multiple Verification: Face / Palm / FingerPrint / Card / Password
- Supplement light with adjustable brightness
- Video intercom (PC: ZKBioTalk, APP: ZSmart, SIP Protocol)
- ONVIF Protocol
- OS: Linux
- Face Capacity: 6,000
- Palm capacity: 3,000
- Fingerprint Capacity: 6,000/10,000 (Optional)
- Card Capacity: 10,000 (Optional)
- QR code, PDF417, Data Matrix, MicroPDF417, Aztec
- Dynamic QR code with ZKBio CVSecurity Mobile APP





## SpeedFace-V5L [TI]

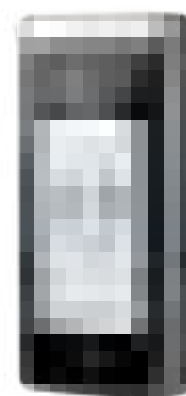
- Thermal Imaging Temperature Detection, 0.1s high Speed detection, measurement distance of 30 – 120cm
- Multiple Verification Methods: Face / Palm / Fingerprint / Password
- Mask detection; facial verification available with masks
- Temperature Measurement Range: 20°C ~ 50°C (68°F ~ 122°F)
- Face Capacity: 6,000
- Palm Capacity: 3,000
- Fingerprint Capacity: 6,000 (Standard); 10,000 (Optional)
- Transactions: 200,000

## SpeedFace-V4L / SpeedFace-V4LM1

- Enhanced Visible Light Facial Recognition & Palm Recognition
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Multiple verification methods: Face / Palm / Card / Password
- Available card modules: 125kHz ID card (EM) / 13.56MHz IC card
- Supplement light with adjustable brightness
- 800 face templates capacity, 800 palm templates capacity
- Card Capacity: 10,000
- Video intercom (PC: ZKBioTalk, APP: ZSmart)
- Scramble QR Code



SpeedFace-V4L  
(Plastic Version)



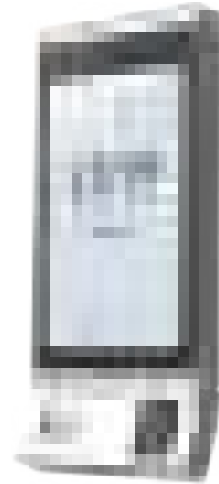
SpeedFace-V4LM1  
(Metal Version)





## FaceDepot-7BL

- 7-inch Touch LCD Screen
- Enhanced Visible Light Facial Recognition & Palm Recognition
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Multiple Verification: Face / Palm / FingerPrint / Card / Password
- 125KHz ID Card & 13.56MHz IC card and Fingerprint optional
- Supplement light with adjustable brightness
- OS: Linux
- Face Templates Capacity: 10,000
- Palm Capacity: 3,000
- FingerPrint Capacity: 10,000 (Optional)
- Card Capacity: 10,000 (Optional)
- Transactions: 200,000
- Video intercom



## RevFace15

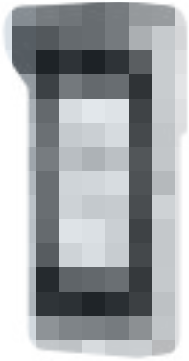
Remove the temperature detection function based on RevFace15 [TI]

- 7-inch Touch Screen
- Face Templates Capacity: 10,000
- Transaction Capacity: 200,000
- Advanced Access Control function
- Mask detection; facial verification available with a mask
- Optional facial recognition of multiple people at once (up to 4 people)

## RevFace15 [TI]

- 7-inch Touch Screen
- Face Templates Capacity: 10,000
- Transaction Capacity: 200,000
- Advanced Access Control function
- Mask detection; facial verification available with a mask
- Optional facial recognition and temperature detection of multiple people at once (up to 4 people)

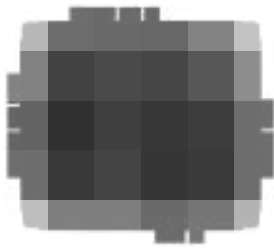




## SpeedFace M4

- Enhanced Visible Light Facial Recognition & Palm Recognition
- Anti-spoofing algorithm against almost all kinds of print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Multiple verification methods: Face / Palm / Card / Password
- Available card modules: ID / IC / HID / iClass / Felica / Desfire EV1/EV2 / Legic
- Capacity: 6,000 face templates, 3,000 palm templates, 10,000 cards, 200,000 logs
- IP66

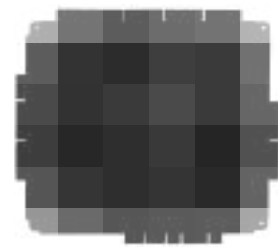




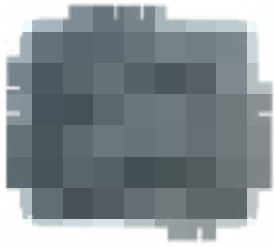
Atlas 100



Atlas 200



Atlas 400



Atlas 160



Atlas 260



Atlas 460

## Atlas Series

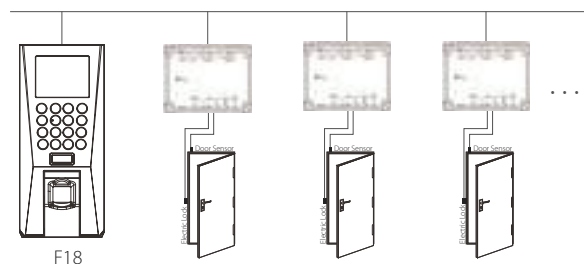
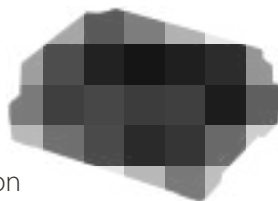
- State of the art 1, 2 and 4 door panels with built-in web application eliminates the need for management software with networked Primary / Secondary Panel configuration
- Primary / Secondary architecture allows scaling up to 84 doors
- Atlas Bio Series supports ZKTeco FR1500A fingerprint readers. Atlas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



## Single-door Extension Panel

### DM10

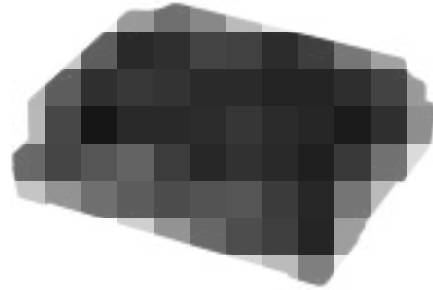
- RS485 Communication
- 2 Wiegand Readers
- 12V Power In & Out
- 1 Lock Sensor, 1 Exit Button
- 1 AUX IN, 1 AUX OUT



# Two Doors IP-based Mini Control Panel

## C2-260

- Communication: TCP/IP, RS485 (extension), RS485 (reader)
- Controlling two doors by default; max. 10 (with DM10s)
- AUX IN: extend to 4 (AUX485)
- Number of Doors Supported by Default: 2
- Number of Auxiliary Inputs: 2
- Number of Auxiliary Outputs: 2
- RS485 Extension Port: 1
- RS485 Reader Port: 1
- Number of Readers Supported: 4
- Types of Readers Supported: RS485 card reader, Weigand reader (WR485)
- DM10 (Single-Door Extension Board) (Optional): Max.8
- AUX485 (RS485-4 Aux. IN Converter) (Optional): 2
- WR485 (RS485-Weigand Converter) (Optional): 4
- Card Capacity: 30,000
- Log Capacity: 200,000



## RS485 Extension Chart (Maximum Support)

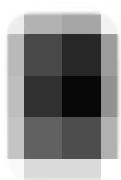
Door	C2-260	DM10	AUX485	WR485
2	1	0	2	4
3	1	1	2	4
4	1	2	2	4
5	1	3	2	4
6	1	4	2	4
7	1	5	2	4
8	1	6	2	4
9	1	7	1	4
10	1	8	0	4



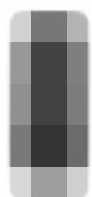
## Wiegand & RS485 QR Code Reader



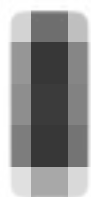
QR600-H



QR600-HK



QR600-V



QR600-VK

### QR600 Series

- Rugged waterproof metal case
- Keypad
- IP65 waterproof
- Dynamic QR codes on the ZKBio CVSecurity Mobile Application
- QR code, PDF417, Data Matrix, MicroPDF417, Aztec
- Supports Chile & Argentina National ID PDF417 code
- Communication: Wiegand & RS485 (OSDP only for RFID)
- Supports 125kHz ID crads or 13.56MHz IC Cards, which includes Ultralight, Mifare (S50/S70), CPU, NFC (analog Card), Desfire EV1, NTag

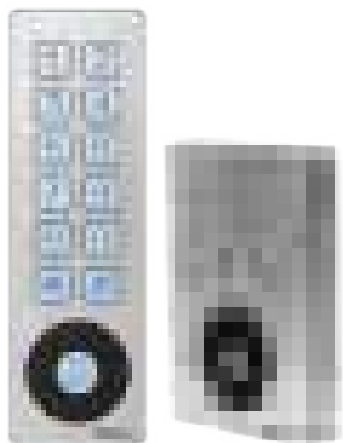
## Waterproof and Vandal-proof Dual Frequency RFID Reader

### MR1010 / MR1020

- IK10 (vandal-proof) and IP66 (waterproof and dust-proof)
- Metal casing
- Operating frequency: 125kHz & 13.56MHz
- Operating temperature: -40°C ~ 60°C
- Wiegand outputs 26 / 34bits
- Reading distance: 2 ~ 6cm



## Waterproof Standalone A&C Device Supporting Card & Password Authentication

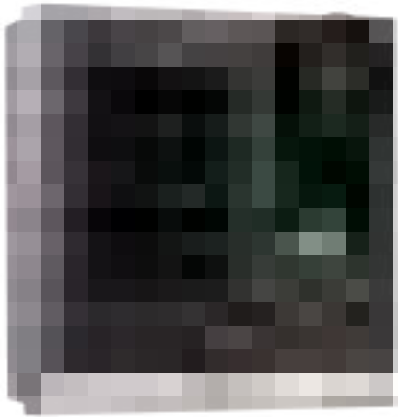


### SKW

- Metal casesc
- Touch keypad
- IP65 - waterproof and dustproof
- A&C Standalone
- User Capacity: 5,000
- Password Capcacity: 5,000
- Password: 4 to 6 digits
- Verification Modes: Card Only / Password Only / Card + Password
- 1 Relay / 1 Door Sensor / 1 Exit Button / 1 Doorbell / 1 Tamper Alarm
- Wiegand Reader: W26 / W34



# Fingerprint Recognition Access Control Terminal

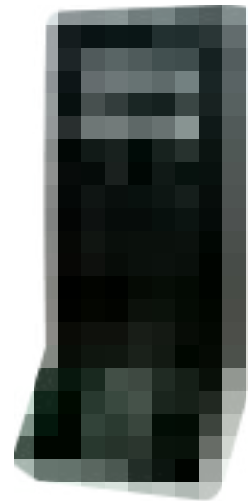


## SF400

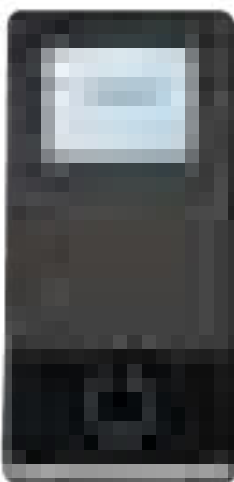
- IP based fingerprint terminal
- 2.8-inch capacitive touch screen
- Communication: TCP/IP, USB Host
- Fingerprint Capacity: 1,500
- Card Capacity: 5,000
- RF Card: EM (Standard) / IC (Optional)
- Printer (Optional)
- ADMS (Optional)
- Webserver (Optional)

## F22

- Ultra-thin equipment
- Fingerprint Sensor: BioID / BioID+ (optional)
- 2.4-inch TFT LCD Color Screen
- Fingerprint Capacity: 3,000
- Card Capacity: 5000 ID / IC (Optional)
- Communication: RS232/485, TCP/IP, USB-host, Wi-Fi
- ADMS (Optional)



# Palm Recognition Access Control Terminal



## PA22

- Contactless Biometric Standalone Terminal
- 2.4-inch TFT LCD Color Screen
- Communication: USB, RS485, WIFI (Optional)
- Palm Capacity: 1,000
- Card Capacity: 5,000
- Log Capacity: 50,000

# RFID Recognition Access Control Kit



## SA40 Kit

- RFID Card Recognition Terminal Kit Single-Door Access Control Solution
- LM-2805 Single Door Magnetic Lock  
Load Up To 280KG, which support surface mount and mount with U, L, Z, and ZL mounting brackets available.
- TLEB102 Touchless Exit Button
- U-shaped for lock installation, are compatible with iron and wooden doors.

# Finger Vein + Fingerprint Access Control Terminal

## FV18

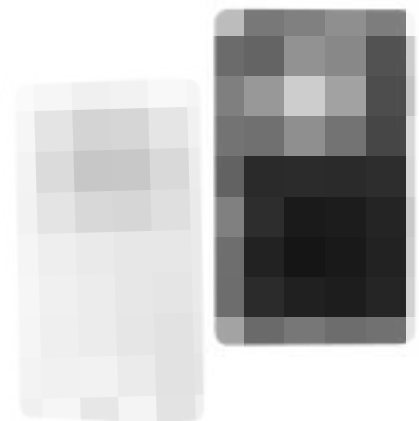
- Display: 2.4-inch color screen
- Fingerprint Capacity: 4,000 Fingerprints
- Vein Capacity: 1,000
- Fingerprint Capacity: 1,000
- Communication: TCP / IP, USB host
- Interface: Lock, Sensor, Exit Button, Doorbell, Alarm, Aux in, Wiegand in/out, RS232 (Printer)
- Optional: Wireless doorbell, WiFi, ID, IC, HID, iClass



# RFID Recognition Access Control Terminal

## SC800

- IP65 water and dust resistant, IK04 vandal proof
- Supports multiple RFID modules and up to 100+ card types (including, ID / IC / Legic / DESfire EV1 / EV2 / HID Prox. / HID iClass / etc.)
- Card Capacity 100,000
- Logs Capacity 200,000
- Support Access Control push conversion to Time Attendance push
- Communication: TCP/IP, Wi-Fi (Optional), Wiegand in&out, RS485, OSDP (Ver2.1.7), RS232 (for printer)
- Embedded web server for system configuration
- Fully complied with ZKCSBL (ZKTeco Cyber Security Base Line). Standard to provide advance protection
- Compatible with ZKBio Access IVS



# Video Intercom

## Client Software: ZKBioTalk

### Features

- Two-way talk
- Video preview monitoring
- Real-time capture
- Remotely unlock
- Software Architecture: C/S
- Supported OS: Windows 7/8/10
- Windows Server 2012/2016



### Support Models

- SpeedFace-V4L / V4LM1 / V5L / V5L [TD] / V5L [TI], ProFaceX / ProFaceX [TD] / ProFaceX [TI]

## Mobile APP: ZSmart

### Features

- Two-way talk
- Video preview monitoring
- Real-time capture and recording, files sharing
- Remotely unlock
- Bind up to 15 devices, one device can bind by 1 account
- Device sharing unlimited, real time monitoring up to 4 account at the same time



### Support Models

- SpeedFace-V4L / V4LM1 / V5L / V5L [TD] / V5L [TI], ProFaceX / ProFaceX [TD] / ProFaceX [TI], Notus

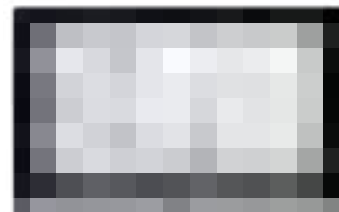
## Video Door Phone Tentant Station (SIP)

### Features

- Dial-up calling
- Support LAN and WLAN (SIP Server)
- Compatible with Vpad A2 and VT07-B01
- Two-way talk
- Remotely unlock



Vpad A2



VT07-B01

### Support Models

- SpeedFace-V5L, ProFaceX







# Video Surveillance

ZKTeco Smart Video Surveillance Department, which was established in 2010, focuses on providing all-in-one and competitive security solution to a variety of vertical applications including retail, traffic, buildings and schools etc.

ZKTeco has built the completed video surveillance product lines including smart IP cameras, Network Video Recorders, Network PTZ and related Switches, LED monitors, Decoders, Splicing screens, Network cables, etc, and comprehensive solution based on ZKBio Access IVS and ZKBio CVsecurity empowered by ZKTeco cutting edge deep-learning algorithm of Human/Vehicle intelligence to satisfy various requirements and applications.



# System Topology





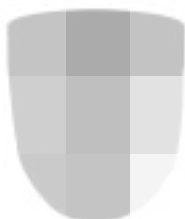
# Solution Topology



## Lite Series IP Camera (2MP/4MP/5MP)

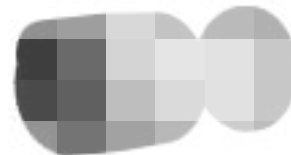
### ES-852O21/22B-S5

- 1/2.9" CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face detection
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal+plastic, IP67



### BS-852O22/23B-S5

- 1/2.9" CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face detection
- IR Range 30m
- Fixed Lens 3.6mm/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### ES-852O21/22C-S5/-MI

- 1/2.9" CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face detection
- Built-in Microphone
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BS-852O22/23C-S5/-MI

- 1/2.9" CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face detection
- Built-in Microphone
- IR Range 30m
- Fixed Lens 3.6mm/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BL-852O38S-S5

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



### EL-852O38I-S5

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



## DL-852O28B-S5

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



## ES-852O21/22T-S5-MI

- 1/2.9" CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone and SD Card slot (256GB)
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## BS-852O22/23T-S5-MI

- 1/2.9" CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone and SD Card slot(256GB)
- IR Range 30m
- Fixed Lens 3.6mm/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## ES-854N21/22B-S7

- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- IR Range 30m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal+plastic case, IP67



## BS-854N22/23B-S7

- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- IR Range 30m
- Fixed Lens 3.6/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal+plastic case, IP67



## ES-854N21/22C-S7/-MI

- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- Built-in Microphone
- IR Range 30m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## BS-854N22/23C-S7/-MI

- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- Built-in Microphone
- IR Range 30m
- Fixed Lens 3.6/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## BL-854N38S-S7

- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- IR Range 30m
- Motorized 2.8-12mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



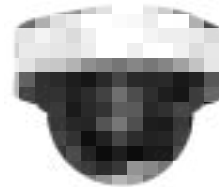
### EL-854N38I-S7

- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- IR Range 50m
- Motorized 2.8-12mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### DL-854N28B-S7

- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- IR Range 30m
- Motorized 2.8-12mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BS-855L22C-E3/23C-E3

- 1/2.8" Sony STARVIS CMOS
- 5MP (2560\*1920)@20fps
- H.264/H.265/H.265+
- Face Detection& video analytics
- IR Range 30m
- Fixed Lens 3.6/6mm
- PoE, metal case, IP67



### ES-855L21C-E3/22C-E3

- 1/2.8" Sony STARVIS CMOS
- 5MP (2560\*1920)@20fps
- H.264/H.265/H.265+
- Face Detection& video analytics
- IR Range 30m
- Fixed Lens 2.8/3.6mm
- PoE, metal+plastic, IP67



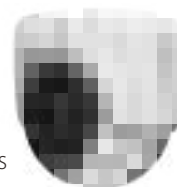
### BL-855L38S-E3

- 1/2.8" Sony STARVIS CMOS
- 5MP (2560\*1920)@20fps
- H.264/H.265/H.265+
- Face Detection& video analytics
- IR Range 50m
- Motorized 3.6-10.8mm
- 1CH audio input
- PoE, metal case, IP67



### EL-855L38I- E3

- 1/2.8" Sony STARVIS CMOS
- 5MP (2560\*1920)@20fps
- H.264/H.265/H.265+
- Face Detection& video analytics
- IR Range 50m
- Motorized 3.6-10.8mm
- 1CH audio input
- PoE, metal case, IP67



### DL-855L28B-E3

- 1/2.8" Sony STARVIS CMOS
- 5MP (2560\*1920)@20fps
- H.264/H.265/H.265+
- Face Detection& video analytics
- IR Range 30m
- Motorized 3.6-10.8mm
- 1CH audio input
- PoE, metal case, IP67, IK10



## Pro Series IP Camera (2MP/4MP/5MP/8MP)

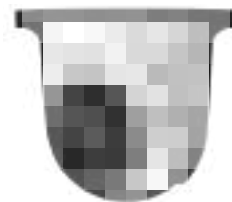
### BS-852T22/23C-S6/-MI

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face Recognition, 2000 Face Library
- Built-in Microphone
- IR Range 30m
- Fixed Lens 3.6/6mm
- 120dB TWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### ES-852T21/22C-S6/-MI

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face Recognition, 2000 Face Library
- Built-in Microphone
- IR Range 30m
- Fixed Lens 2.8/3.6mm
- 120dB TWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BL-852T48S-S6

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face Recognition, 2000 Face Library
- IR Range 80m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- PoE, metal case, IP67



### EL-852T38I-S6

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face Recognition, 2000 Face Library
- IR Range 50m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- PoE, metal case, IP67



### DL-852T28B-S6

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face Recognition, 2000 Face Library
- IR Range 30m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67, IK10



### BL-852T48A-S6

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face Recognition, 2000 Face Library
- IR Range 80m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67



### BL-852T50A-S6

- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face recognition,2000
- Face Library
- IR Range 100m
- Motorized 5.15-47.38mm
- 120dB TWDR3D DNR,BLC,ROI
- Audio/Alarm/RS485/SD card slot
- PoE,metal case, IP67



### BS-854N22C-E3/23C-E3

- 1/2.8" Sony STARVIS CMOS
- 4MP (2592\*1520)@25fps
- H.264/H.265/H.265+
- Face Detection& video analytics
- IR Range 30m
- Fixed Lens 3.6mm/6mm
- TWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### ES-854N21C-E3/22C-E3

- 1/2.8" Sony STARVIS CMOS
- 4MP (2592\*1520)@25fps
- H.264/H.265/H.265+
- Face Detection& video analytics
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm
- TWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BL-854N38A-E3

- 1/2.8" Sony STARVIS CMOS
- 4MP (2592\*1520)@25fps
- H.264/H.265/H.265+
- Face Detection& video analytics
- IR Range 50m
- Motorized 3.6-10.8mm
- TWDR, 3D DNR, BLC, ROI
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67



### EL-854N38I-E3

- 1/2.8" Sony STARVIS CMOS
- 4MP (2592\*1520)@25fps
- H.264/H.265/H.265+
- Face Detection& video analytics
- IR Range 50m
- Motorized 3.6-10.8mm
- TWDR, 3D DNR, BLC, ROI
- 1CH audio input
- PoE, metal case, IP67



### DL-854N28B-E3

- 1/2.8" Sony STARVIS CMOS
- 4MP (2592\*1520)@25fps
- H.264/H.265/H.265+
- Face Detection& video analytics
- IR Range 30m
- Motorized 3.6-10.8mm
- TWDR, 3D DNR, BLC, ROI
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67





### ES-855P21/22T-S7-MI

- 1/2.8" CMOS
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Built-in Microphone and SD Card slot (256GB)
- Face Detection
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BS-855P22/23T-S7-MI

- 1/2.8" CMOS
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Built-in Microphone and SD Card slot(256GB)
- Face Detection
- IR Range 30m
- Fixed Lens 3.6mm/6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BS-855P22/23C-S7/-MI

- 1/2.8" CMOS
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face detection
- Built-in Microphone
- IR Range 30m
- Fixed Lens 3.6/6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BL-855P48S-S7

- 1/2.8" CMOS
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face detection
- IR Range 80m
- Motorized 3.6-10.8mm lens
- True WDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- PoE, metal case, IP67



### ES-855P21/22C-S7/-MI

- 1/2.8" CMOS
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face detection
- Built-in Microphone
- IR Range 30m
- Fixed Lens 2.8/3.6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BL-855P48A-S7

- 1/2.8" CMOS
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face detection
- IR Range 80m
- Motorized 3.6-10.8mm lens
- True WDR, 3D DNR, BLC, ROI
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67



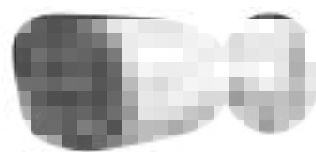
### DL-855P28B-S7

- 1/2.8" CMOS
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face Detection
- IR Range 30m
- Motorized 3.6-10.8mm lens
- True WDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67, IK10



### BS-858M22/23C-S8

- 1/1.8" Sony CMOS
- 8MP (3840\*2160)@20fps
- H.264/H.265
- Face Detection
- IR Range 30m
- Fixed Lens 3.6/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### DL-858M28B-S8

- 1/1.8" Sony CMOS
- 8MP (3840\*2160)@20fps
- H.264/H.265
- Face Detection
- IR Range 30m
- Motorized 3.6-11mm
- DWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67, IK10



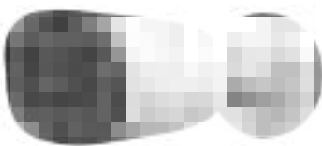
### DL-858M22B-S8

- 1/1.8" Sony CMOS
- 8MP (3840\*2160)@20fps
- H.264/H.265
- Face Detection
- IR Range 30m
- Fixed Lens 3.6mm
- DWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- PoE, metal case, IP67, IK10



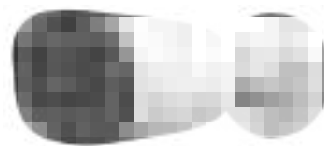
### BL-858M48A-S8

- 1/1.8" Sony CMOS
- 8MP (3840\*2160)@20fps
- H.264/H.265
- Face Detection
- IR Range 80m
- Motorized 3.6-11mm
- DWDR, 3D DNR, BLC, ROI
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67



### BL-858M48S-S8

- 1/1.8" Sony CMOS
- 8MP (3840\*2160)@20fps
- H.264/H.265
- Face Detection
- IR Range 80m
- Motorized 3.6-11mm
- DWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- PoE, metal case, IP67, IK10



## BioUltra Series



### BL-852Q38A

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



### DL-852Q28B

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265/H.265+
- Facial Recognition, 3000 Face Library
- IR Range 30m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

## LPR Series



### BL-852Q38A-LP

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265/H.265+
- License Plate Recognition
- IR Range 50m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67



### DL-852Q28B-LP

- 1/2.8" Sony STARVIS CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265/H.265+
- License Plate Recognition
- IR Range 30m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67



## DL-858V17C-FS Fisheye

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



## Full Color IP Camera

### ES-852O11/12C-S5-C

- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face Detection
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BS-852O11/12C-S5-C

- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face Detection
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### ES-855P11/12C-S7-C

- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face Detection
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### BS-855P11/12C-S7-C

- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face Detection
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## ES-852O11/12C-S5-C-MI

- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



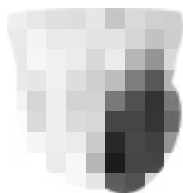
## ES-855P11/12C-S7-C-MI

- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



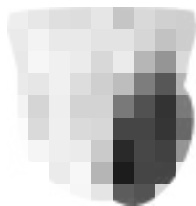
## ES-852O11/12T-S5-C-MI

- 1/2.9" CMOS
- 24 hours 2 MP full color
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone and SD Card slot (256GB)
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR BLC ROI
- PoE, metal case, IP67



## ES-855P11/12T-S7-C-MI

- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone and SD Card slot (256GB)
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## BS-852O11/12C-S5-C-MI

- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP (1920\*1080)@25ps
- H.264/H.265
- Built-in Microphone
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## BS-855P11/12C-S7-C-MI

- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## BS-852O11/12T-S5-C-MI

- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone and SD Card slot (256GB)
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## BS-855P11/12T-S7-C-MI

- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone and SD Card slot (256GB)
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## Human Detection IP PTZ

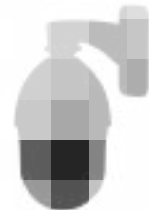
### PS-855C18/30L

- 5MP 1/2.9" CMOS sensor
- 18/30X optical Zoom
- IR Range 120m
- Pan speed 180°/s & Tilt speed 100°/s
- DWDR, BLC, 2D&3D noise reduction
- Built-in Microphone & Speaker
- Human detection linkage with sound speaker and auto tracking
- PoE, IP66



### PL-855C18/30M

- 5MP 1/2.9" CMOS sensor
- 18/30X optical Zoom
- IR Range 120m
- Pan speed 180°/s & Tilt speed 100°/s
- DWDR, BLC, 2D&3D noise reduction
- Built-in Microphone & Speaker
- Human detection linkage with sound speaker, strobe lights and auto tracking
- PoE, IP66



### KB200(IP Keyboard)

- ONVIF Profile S
- 5 inch colorful LED display
- PnP DHCP TCP/IP protocol
- HDMI output



## BioFace Lite Solution

### Facial Recognition NVR



#### Z8608NF-8F

- 50,000pcs Face database
- Max 128Mbps incoming bandwidth
- Max 128Mbps outgoing bandwidth
- Up to 8MP resolution preview and playback

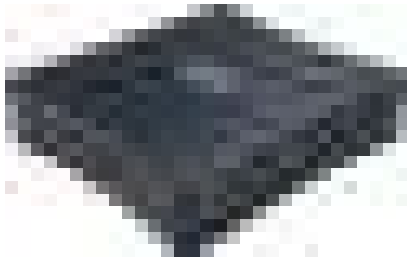


#### Z8536NMR-4F

- 5,000pcs Face database
- Max 216Mbps incoming bandwidth
- Max 216Mbps outgoing bandwidth
- Up to 8MP resolution preview and playback







### ZKIVA-Edge T1

- Human behavior analysis
- Perimeter alarm functions
- Industry-leading computer vision & Deep learning technology
- Embedded multiple intelligent video analytics functions
- Up to 8MP resolution inputs
- Supports H.264, H.265 compression standard
- Up to 300,000 face templates for facial recognition

## ZKBio CVSecurity IVS



Software	ZKBio Access IVS	ZKBio CVSecurity
Target Market	SMB	Project
Deployment	CPU i5 , 2.5GHz or above Flash Memory 4GB or above	CPU i5 , 2.5GHz or above Flash Memory 8GB or above
Architecture	B/S	B/S
Modules	Video Surveillance Access Control Time Attendance Personnel Mgt	Full modules
Channels	15 Access+ 5 T/A + 64 channels IP cameras for Free	Unlimited, Charged by licences
Access Control Devices	Access Control Panels (C2 Series) Standalone Access Control Devices with Push Firmware (F18 / F19 / F21 / MB800 / etc.) Visible Light Facial Recognition Series Devices	Access Control Panels (InBio Pro Series) Green Label Standalone Series Devices (ProCapture-T / Probio / ProFAC etc.) Visible Light Facial Recognition Series Devices
Attendance Devices	New Platform Push Attendance Device (IN01-A/U160-C/iClock580/uFace102/etc.) Visible Light Face Recognition Series Device	Green Label Attendance Device (G1/G2/G3/G4) Visible Light Face Recognition Series Device
VMS / Video	BioEco / BioPro / BioUltra Series IP cameras ZKTeco NVR / Facial NVR	BioEco / BioPro / BioUltra Series IP cameras ZKTeco NVR / Facial NVR

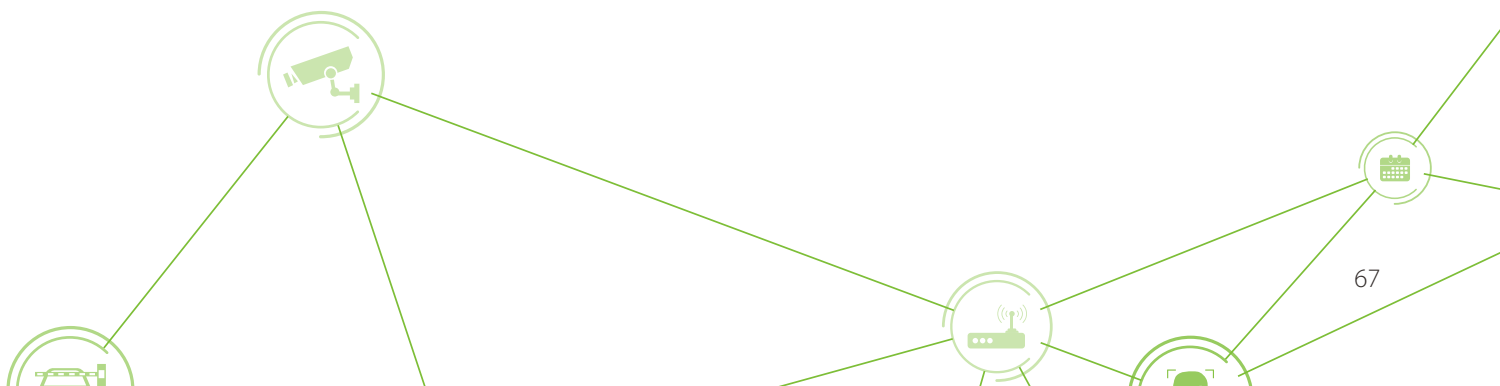


# Scenario - Smart Residential

## Key Challenges

With the rapid urbanization, the residential area has emerged as the center of our daily life, especially the activities with our beloved families.

However, the traditional residential setup is facing big challenges with the new development of modern life, like the increasing consciousness of safety, wide usage of vehicles, convenience of and comfort of living environment etc.



## · Entrance & Exit



• BS-858M22C

### Face Recognition

Supports up to 4K high resolution and black/stranger alarm notification.



• BL-852Q38A-LP

### ANPR Camera

ZKTeco ANPR system supports up to 161 countries plate number formats, convenient for registered owners vehicles driving in and out.



• SpeedFace-V5L

### Access Control

Supports face, fingerprint, ID card triple verification ways for registered owners going in and out.



## · Fitness Room



• MiniAC PLUS

### Access Control

Powered by ZKTeco facial recognition Access control, the VIP members could access the Fitness Room by Face and ID card freely.



• DD5222-01

### People Counting

Featured by the advanced head-shoulder high accuracy algorithm, BioX series IP camera could count the number of customers and control the risk of oversize people quantity.



## · Perimeter & Area Protection



• DBL222-01

### Intrusion Alarm

ZKTeco BioX series IP camera could set up the perimeter area according to the human (no other objects), if any people intrudes into the deep water area, it will trigger the alert to the security center to double check the safety.



• CBL223-C01

### Abandon/Removal

Benefited by the Object Abandon / Removal intelligent functions of BioX series IP camera, it will detect automatically if any object left in the self-defined perimeter and send the alert to the security center.





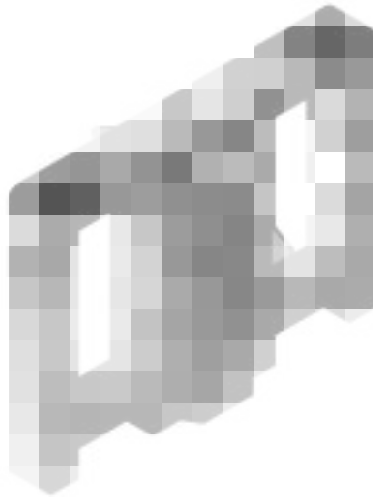
# Smart Security Gate

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



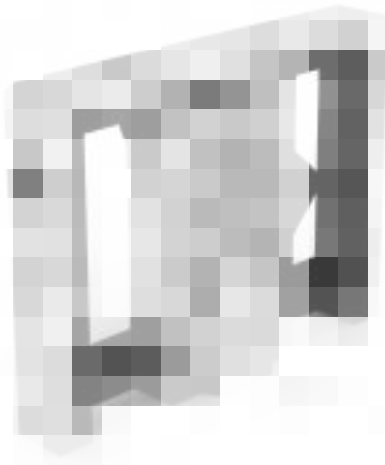
# Mars Series & Mars Pro Series

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## Mars-F1200 Series

- Brushless Motor driver, 3M MCBF
- SUS304 material
- Modularized structure design
- 5 pairs of IR sensors
- Easy installation



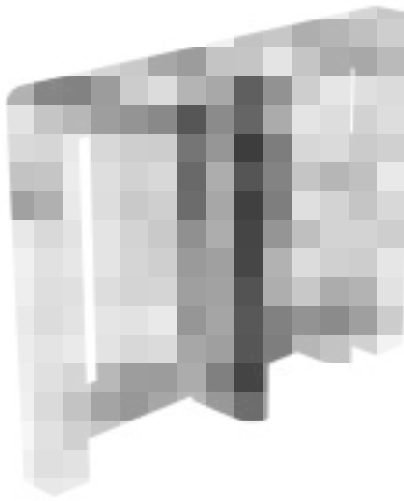
## Mars Pro-F1200 Series

- Brushless Motor driver, 10M MCBF
- SPCC material
- Modularized structure design
- 16 pairs of IR sensors
- Easy installation



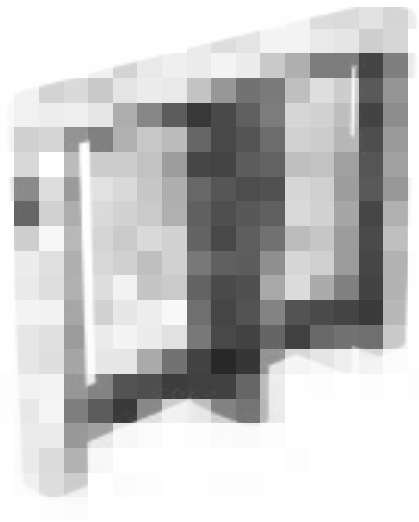
# Mars Series & Mars Pro Series

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## Mars-S1200 Series

- Brushless motor driver, 5M MCBF
- SUS304 material
- Modularized structure design
- 8 pairs of IR sensors



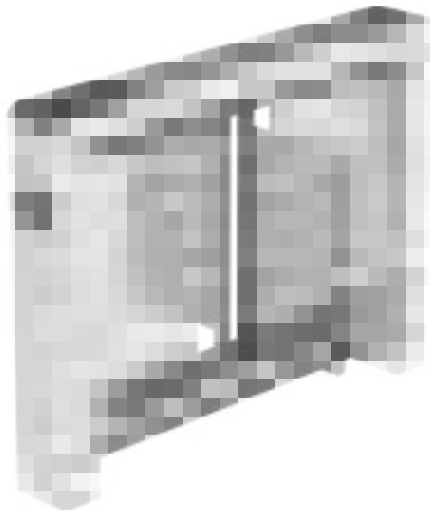
## Mars Pro-S1200 Series

- Servo Motor driver, 10M MCBF
- SPCC material
- Modularized structure design
- 16 pairs of IR sensors
- Easy installation



## Mars Series & Mars Pro Series

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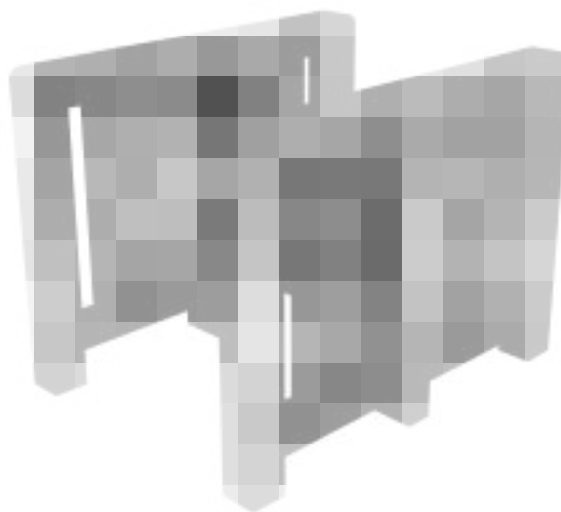
### Mars-B1200 Series

- Brushless Motor driver, 3M MCBF
- SUS304 material
- Modularized structure design
- 5 pairs of IR sensors
- Easy installation



## Mars Series & Mars Pro Series

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### Mars-S1000 Series

- Brushless motor driver, 5M MCBF
- SUS304 material
- Modularized structure design
- 8 pairs of IR sensors



### Mars Pro-S1000 Series

- Servo Motor driver, 10M MCBF
- SPCC material
- Modularized structure design
- 16 pairs of IR sensors
- Easy installation

## Mars Series & Mars Pro Series

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### Mars-F1000 Series

- Brushless Motor driver, 3M MCBF
- SUS304 material
- Modularized structure design
- 5 pairs of IR sensors
- Easy installation



### Mars Pro-F1000 Series

- Brushless Motor driver, 10M MCBF
- SPCC material
- Modularized structure design
- 16 pairs of IR sensors
- Easy installation

## Mars Series & Mars Pro Series

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### Mars-B1000 Series

- Brushless Motor driver, 5M MCBF
- SUS304 material
- Modularized structure design
- 6 pairs of IR sensors
- Easy installation

# Tripod Turnstile

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## mTS100

- Tripod-arms unlock & drop during emergencies / power loss
- Visual indicator for granted access (or denied)
- Ergonomic design makes card and fingerprint authentication Fast & simple for users
- LED pictograms for intuitive use and high throughput in both directions

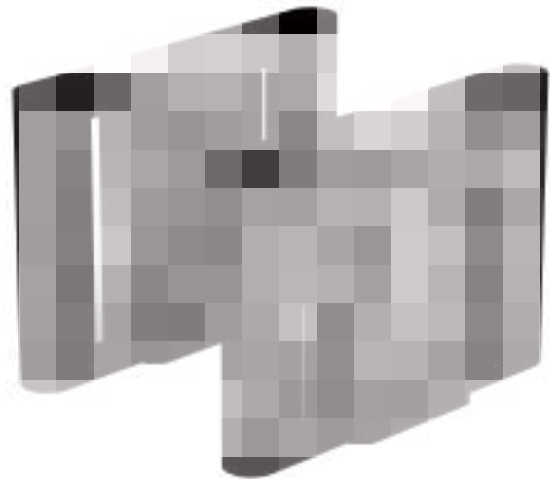
# Flap Barrier

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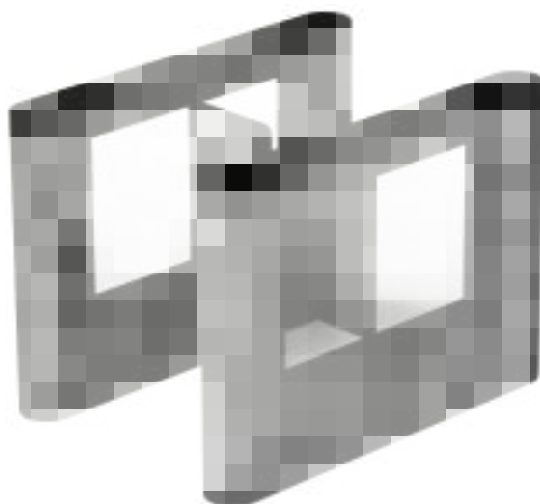
## FBL6000 Pro Series

- Anti-trailing function
- SUS304 stainless covers and outer side panel
- Easier installation steps
- Modular reader panel



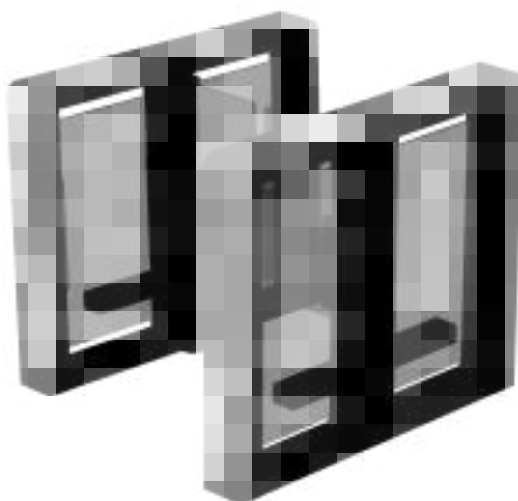
# Swing Barrier

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## SBTL6000 Series

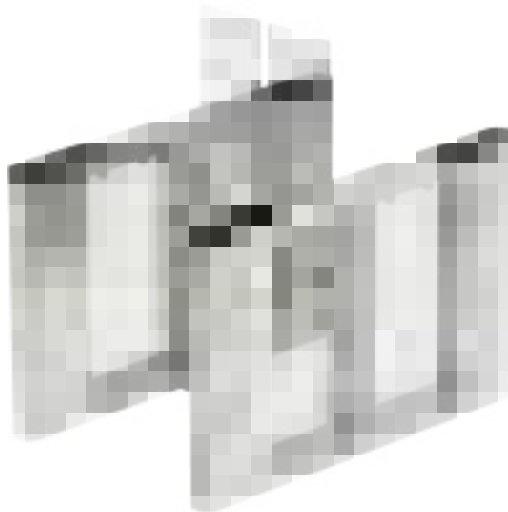
- Wide pedestrian passageway
- SUS304 stainless covers and outer side panel
- Modular reader panel
- Easier installation steps



## SBTL7000 Series

- Compact design
- Easy to integrate other authentication way, like QR scanner, card box, facial recognition device
- DC brush-less motor with high durability
- Anti-tailgate alarm and anti-pinch

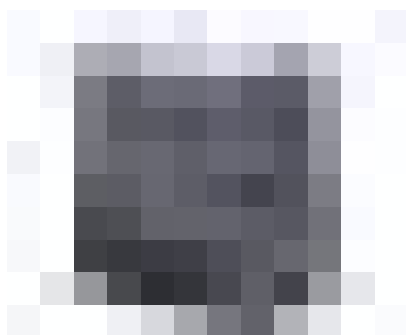




### SBTL8000 Series

- Modular reader panel
- SUS304 stainless covers and outer side panel
- Long life cycle and low cost of ownership
- Servo motor - faster opening
- Tailgate detection- 10 pairs of infrared

## Gate Opener



### ZK-SL800/1500AC

- Supports 800kg/1500kg doors
- Quickly open speed: 6M about 30S
- Manual mode
- Water proof
- Slowly start and stop, Rebound if meet resistance



### ZK-SW300DC

- High quality DC motor, maximum support 300kg door
- Aluminum chassis with strong anti-corrosion ability
- The door can be opened independently on one side or simultaneously in both directions
- Open the door manually when the power is off



## ZK-SW400DC

- High quality DC motor, maximum support 400kg door
- Aluminum chassis with strong anti-corrosion ability
- The door can be opened independently on one side or simultaneously in both directions
- Open the door manually when the power is off



## ZK-FG-10

- Without guide rail design
- Modifiable display screen
- Sturdy and durable
- The driver hostsupport the distance up to 30m Max
- Remote control
- Electric leakage protection



## ZK-FG-20

- More attractive appearance and sturdiness
- Without guide rail design
- Modifiable display screen
- The driver hostsupport the distance up to 30m Max
- Remote control
- Electric leakage protection



# Smart Parking Management

There has been a growing number of vehicles with the rapid development of the global economy and living standards. To manage vehicles efficiently, the number of parking lots has dramatically increased. By adopting License Plate Recognition Products (LPR), Ultra-High Frequency (UHF) products, Parking Barrier products, and Parking Guidance products, the system offers convenient user experiences from the entrance to the parking space.



# Parking Barrier

## VR10 Pro

VR10 Pro is the second generation of ZKTeco radars developed to detect and identify various vehicles (motorcycles, cars, trucks, etc.) and pedestrians near the barrier gate.

Through linkage with the main board of the barrier gate, VR10 Pro can help prevent vehicles from smashing into any obstacles or damaging any properties or passers-by while allowing automatic boom closing. Compared to the loop detector, it offers flexible installation and lower labor costs. Also, users could set parameters of VR10 Pro with a mobile app (Radar Assistant) when connected it to Bluetooth.

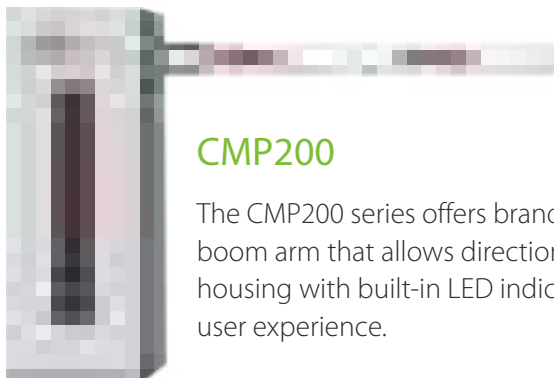


Model	VR10 Pro	Antenna Gain	10dBi
Detection Distance	1-6m	Interface	RS485, Relay, Bluetooth
Working Frequency	79GHz	Product Size (mm)	107.5*73.2*18
Working Voltage (V)	DC10-16V	Packing Deminsions (mm)	166*94*97
Working Current	0.2A	Net Weight	228.4g
Power Consumption (W)	≤2.5	Working Temperature	-40°C~+85°C
Transmitter Power Output	12.5dBm	Protection Standard	IP67

## ProBG3000

The ProBG3000 series is a high performance and high speed barrier gate. It adopts high performance servomotor, simple and reliable transmission structure, high temperature resistant control panel, humanized interactive appearance design and anti-collision protected boom connector design.

Model	ProBG3000	ProBG3100
Motor Type	Servomotor	
Boom Type	Straight boom	90° Folding boom
Boom Length	Support 3m/4.5m/6m (Can be adjusted)	3m
MCBF	5 million	
Operating Temperature	-40°C~+75°C	
Power Supply	24V DC, AC 100~240V	
Controller Frequency	50-60Hz	
Case Dimensions	360*330*1000mm	
Net Weight	48kg	



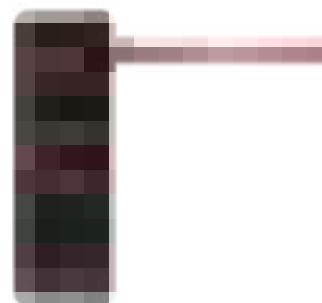
## CMP200

The CMP200 series offers brand-new automatic barrier gates equipped with telescopic boom arm that allows direction exchanging according to site application and a silvery housing with built-in LED indicating the state of the parking barrier, providing humanized user experience.

Gate Opening / Closing Time	3s (max. 4.5m), 6s (max. 6m)		
Supply Voltage	AC110V / 220V, 50 /60 Hz	Power Consumption	100W (max. 120W)
Remote Controlling Distance	≤30m	Remote Controlling Frequency	430MHz
Cabinet Material	Cold rolled steel	Boom Material	Aluminum and wood
Working Temperature Range	-25°C~+75°C	Net Weight	228.4g
Housing Dimensions (D*W*H)	350x280x1010 (mm)	Packing Dimensions (D*W*H)	430x375x1100 (mm)
Net Weight	45Kg	Gross Weight	47Kg

## BG1000

BG1000 series barrier gates adopt ZKTeco interactive LED chassis design, programmable control panel, and adopt high-efficiency Brushless DC motor and SCM421 material gear transmission structure. It has the advantages of fast speed, stable quality, rich function expansion, and so on. It is a better comprehensive performance barrier gate.



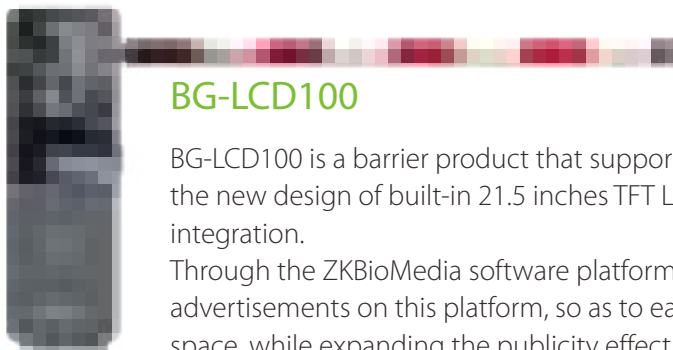
Model	BG1030L/R	BG1045L/R	BG1060L/R	BG1145L/R-90	BG1145L/R-90
Operating Speed	1.5s	2.5s	5s	2.5s	2.5s
Boom Arm Length	3m	4.5m	6m	4.5m	4.5m
Boom Arm Type	Straight boom	Telescopic boom		Folding boom	Folding boom
Chassis Dimensions (W*L*H)	350x300x1020 (mm)				
Motor Type	DC 24V brushless motor				
Motor MCBF	3 million times				
Output Power	120W				
Rated Current	6A				
Power Supply	AC 220V, 50Hz / AC 110V, 60Hz				
Remote Control Distance	≤30m				
Operating Temperature	-35°C to 70°C				
Operating Humidity	<90%				
Chassis Weight	45kg				



## BG2000

BG2000 series barrier gate adopts an elegant chassis design with a programmable control board and a high-efficiency brushless DC motor. The built-in LED lights which indicates the on and off mode of barrier gates, suitable for large parking lot. An aluminum foam straight barrier enhances anti-collision ability and wind resistance.

Model	BG2000L/R	Model	BG2000L/R
Operating Speed	0.6s	Power Supply	Input AC110V/220V±10% 50/60Hz% Output: DC24V 10A
Boom Arm Length	L≤3m		
Boom Arm Type	Round straight boom	Remote Control Distance	≤30m
Chassis Dimension(mm)	350*306*1070mm	Operating Temperature	-30°C to 75°C
Chassis Weight	45kg	Operating Humidity	< 90%
Motor Type	24V DC brushless motor	Chassis Housing Material	Powder coated cold rolled sheet
Motor MCBF	5 million times	Protection level	IP54
Output Power	100W	Duty Cycle	100%
Rated Current	5A	Motor Rated Speed	1500r/min



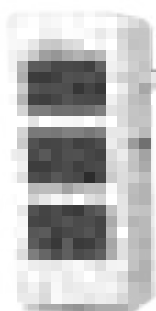
## BG-LCD100

BG-LCD100 is a barrier product that supports advertising production and play, adopts the new design of built-in 21.5 inches TFT LCD screen and Android drive system integration.

Through the ZKBioMedia software platform, customers can create and play advertisements on this platform, so as to earn revenue through the rental of advertising space, while expanding the publicity effect and other features.

Model	BG-LCD100L/R	Model	BG-LCD100L/R
Operating Speed	0.6s~3s	Power Supply	Input: AC110V/220V ±10% 50/60Hz% Output: DC24V 10A
Boom Arm Length	L≤3m		
Boom Arm Type	Round straight boom	Remote Control Distance	≤30m
Chassis Dimension(mm)	350*306*1070mm	Operating Temperature	-30°C to 75°C
Chassis Weight	45kg	Operating Humidity	<90%
Motor Type	24V DC brushless motor	Chassis Housing Material	Powder coated cold rolled sheet
Motor MCBF	5 million times	Protection leve	IP54
Output Power	100W	Duty Cycle	100%
Rated Current	5A	Motor Rated Speed	1500r/min





## BG-SPB200

BG-SPB200 Solar Energy Barrier Gate

Barrier gate with built-in solar energy conversion

Efficient energy storage

Adopts sustainable new energy

Convert Solar power to energy

High Efficiency, Low Carbon, Emission Environmental Protection, Sustainable, Safe

License Plate Recognition Specifications	BG-SPB200	License Plate Recognition Specifications	BG-SPB200
Platform	5s	Power Supply	DC24V 10A (Solar controller connect to solar panel and battery without AC power input)
License Plate Number Recognition Accuracy Rate	≤6m		
Recognition Speed	Telescopic boom	Remote Control Distance	≤30m
Chassis Dimension(mm)	460*360*1210mm	Operating Temperature	-30°C to 75°C
Chassis Weight	55kg	Operating Humidity	<90%RH
Motor Type	24V DC brushless motor	Chassis Housing Material	Powder coated cold rolled sheet
Motor MCBF	2 million times	Protection level	IP54
Motor Rated Power	140W	Duty Cycle	100B%, 8000 times (without sunlight)
Motor Rated Current	5A	Motor Rated Speed	1500r/min

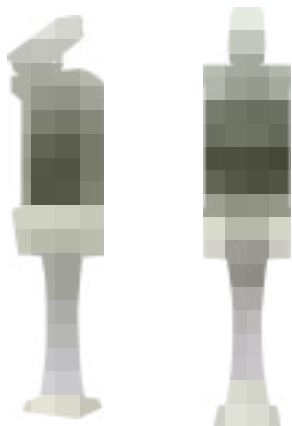


# LPR Product Series



## Mini-LPR

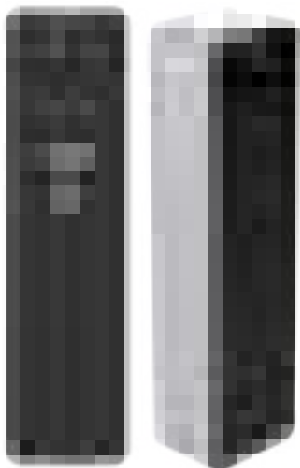
- Permanent algorithm update service
- Simple and practical



## LPRS1000

- Permanent algorithm update service
- Localized display and voice

License Plate Recognition Specifications	
Recognition Accuracy	Day≥ 99.9%; Night≥ 99.7%
Recognition Time	≤200ms (average time)
Recognition Distance	2-10meters (recommend distance is 3.5-4m)
Adaptable Speed of Car	≤15km/h
Output Information	License plate number, License plate picture, Access time
Supported Countries	Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE,Oman, Egypt, EU, Korea, Pakistan, etc.



## TBM01/02

ZKTeco develops TBM01/02 ticket dispenser which supports microwave radar system, offers an efficient contact-less ticketing system. TBM01/02 has various verification methods, including open bar-code scanning reader and card swiping. This ticket box helps avoiding cross infected during the pandemic. Moreover, TBM01/02 ticket box contactless ticketing function works best for temporary parking, regular-parking induction card and motor-cycle lanes. With thermal TBM01/02 ticket box is widely used in supermarkets, communities, government buildings and other places.



Micro wave radar induction  
contact-less take ticket



High-precision long-distance  
2D scan reader



Compatible with UHF, ID/IC  
and QR reader



Support for charging at the  
central payment point

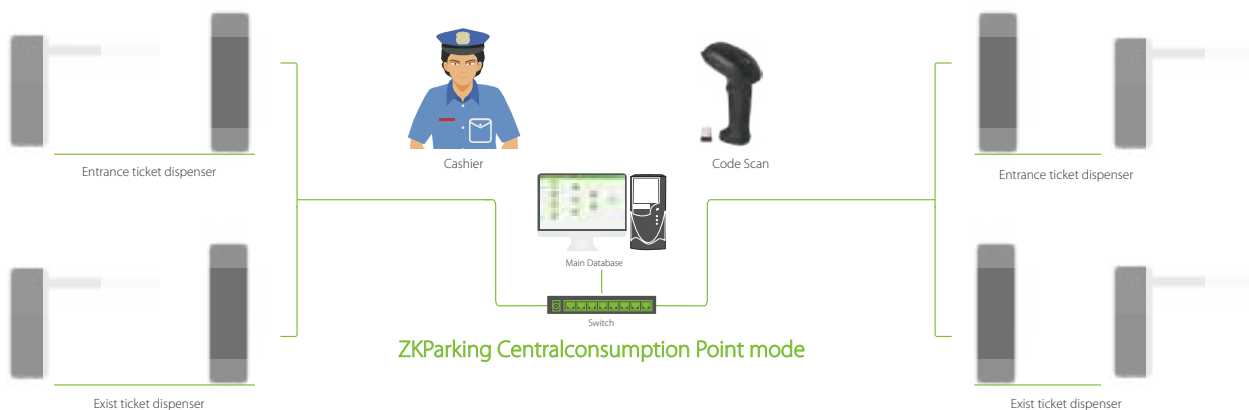


Equipped with high-brightness  
LED, voice prompt function



SDK supports C# and C++  
languages

Model	TBM01	TBM02
Offline Working Parameters		
Allowlist	1,000	
Blocklist	1,000	
Monthly Parking	8,000	
Entry and Exit Records	10000	
Communication Protocol	TCP/IP Wiegand	
Material	Cold rolled sheet	
Support Card Type (Optional)	IC, ID, UHF	
Protection Level	IP65	
Recognition Trigger	loop detection (by default)	
Working Voltage	220V	
Number of Sheets Printed Per Roll	About 800	
Power	100W Max	50W Min
Working Humidity	≤90%	
Working Temperature	-15°C to 55°C	
Dimension	288*360*1380(mm)	
Weight	32KG	

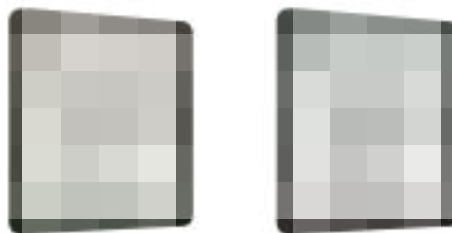


# UHF Product Series

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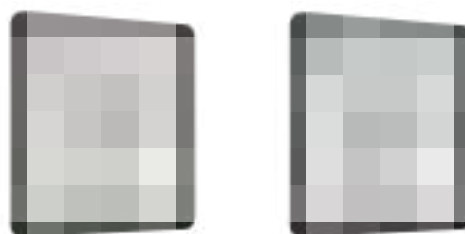
## UHF 5E Pro / UHF 5F Pro

- Reading distance up to 8m
- Led light at the bottom indicate read status
- Outdoor use (IP66)
- Interface, Wiegand, RS485, USB



## UHF 10E Pro / UHF 10F Pro

- Reading distance up to 20m
- Led light at the bottom indicate read status
- Outdoor use (IP66)
- Interface, Wiegand, RS485, USB



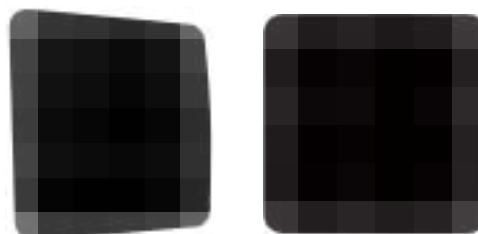
## UHF6E Pro / UHF6F Pro

- Reading distance up to 18m
- Long distance vehicle access management
- Non-contact access control management
- Outdoor use (IP65)
- Supports 865MHz-868MHz and 902MHz-928MHz



## U1000E / U1000F

- Reading distance up to 6m
- Non-contact access control management
- Outdoor use (IP65)
- Supports Wiegand 26 / 34, TCP / IP, USB communication
- Supports 865MHz-868MHz and 902MHz-928MHz



## U2000E / U2000F

- Reading distance up to 18m
- Long distance xed vehicle access management
- Non-contact access control management
- Outdoor use (IP65)
- Supports 865MHz-868MHz and 902MHz-928MHz



## Plock Series



### Plock 1

Plock 1 is ZKTeco first generation parking lock, combined with years of practical experience and industry accumulation of technology, it can achieve the private parking management.

Material	SPCC steel	Control Distance	≤20m
Arm Rising/Falling Time	≤6s	Altitude After Rising	390mm
Altitude After Dropping	75mm	Operating Temperature	-10°C ~+55°C
Power Supply	Alkaline dry battery (D x 4)	Rated Voltage	DC6V
Quiescent Current	≤1mA	Operating Current	≤0.9A
Size	390x460x75 (mm)	Weight	8KG



## Plock 2

Plock 2 is ZKTeco's second generation of parking locks. Plock 2 keeps all original features of Plock 1 and is equipped with new auto sensing function. User can easily manage his/her parking space by placing a sensor in a cigarette lighter receptacle.

Material	Steel	Control Distance	≤20m
Arm Rising/Falling Time	≤6s	Altitude After Rising	420mm
Altitude After Dropping	75mm	Operating Temperature	-10°C ~+55°C
Power Supply	Alkaline dry battery (D x 4)	Rated Voltage	DC6V
Quiescent Current	≤1.5mA	Operating Current	≤2.5A
Size	460x460x75 (mm)	Weight	8KG



## Parking Space Management

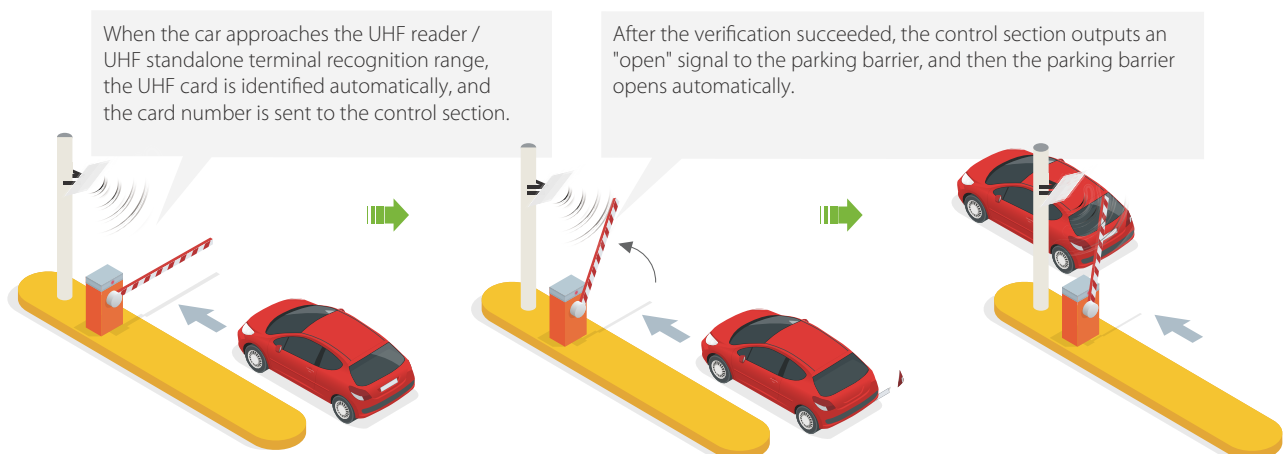




# Internal and Visitor Vehicles Management (With LPR Camera)



## Long Distance Internal Vehicle Access Management (with UHF Reader and UHF Tag)



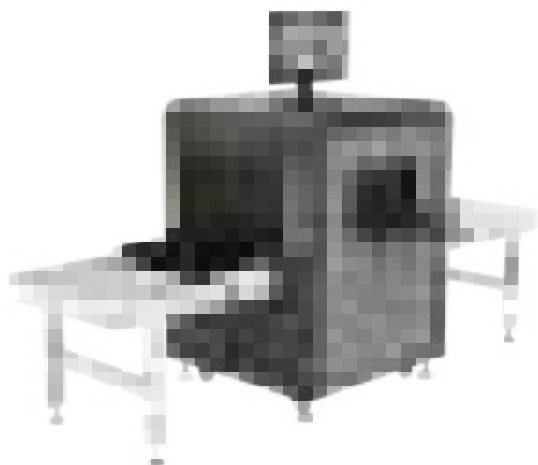
# Security Inspection

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



# X-ray Security Inspection System

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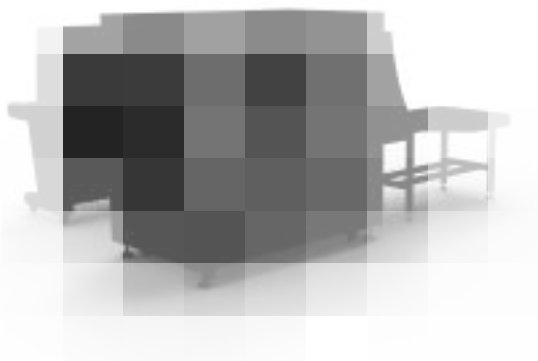


## ZKX6040

- True-color scanning image
- Innovative fingerprint identification
- Widely usable for carry-on baggage

## Blade6040

- The combination of ergonomics and stylish elegance
- Best-in-class image quality
- Central networking security inspection system
- Three-years warranty



## ZKX6550D

- Dual-view technology
- Widely usable for carry-on baggage
- Dual monitor operation desk
- Bi-directional scanning

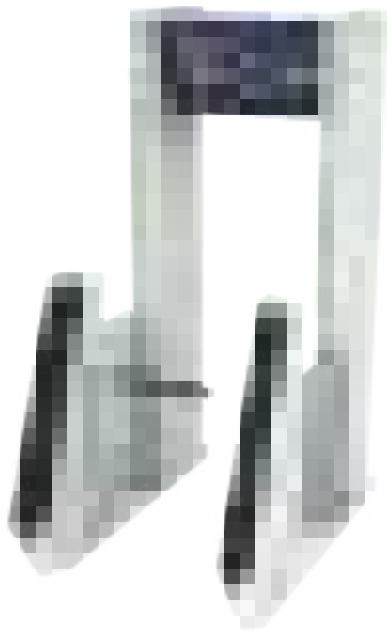
# X-ray Security Inspection System

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## ZKX6550 & ZKX6550A

- With single screen and fingerprint console
- Excellent, ergonomic industrial design
- Bidirectional Scan

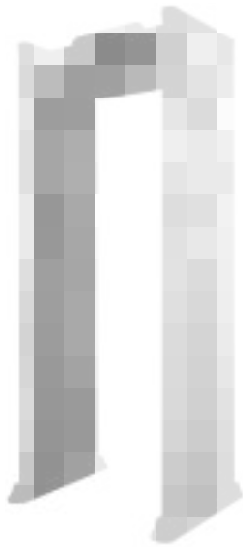


## ZK-MD6000 Series

- Enhanced metal detection
- 29 inches monitor
- Integrated design
- Face and RFID verification

# Metal Detector

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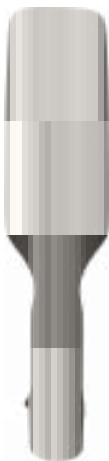
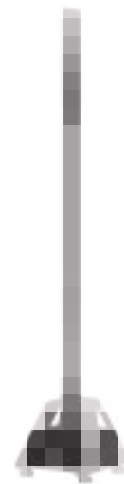
## ZK-D4330

- 33 localization zones, high resolution and precision
- Excellent anti-interference ability and stability
- Advanced performance and security level
- Extensible linkage function
- Supports various language interface customization
- Simple installation

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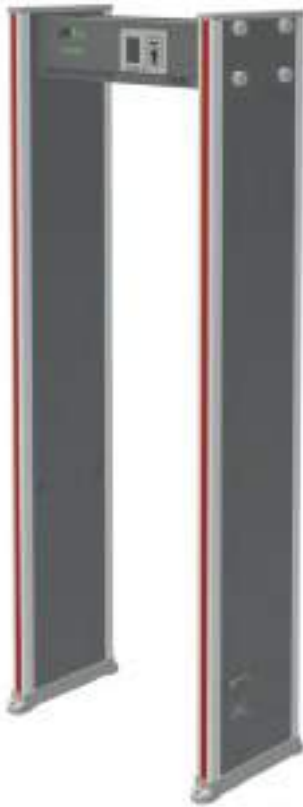
## MDS100

- High scanning rate, 50 people can be screened per minute
- Excellent anti-interference ability
- 100% safe for heart pacemaker, pregnant women, etc.
- Up to 100 adjustable sensitivity levels
- IPx5, fully weather proof for outdoor use
- 28 hours continuous use on embedded battery operation



## ZK-D300

- Three adjustable sensitivity levels
- work continuously for more than 70 hours.
- High-tech like appearance and strong anti-interference ability.
- Three alarm modes: sound, vibration, sound and vibration.



ZK-D1065



ZK-D2180

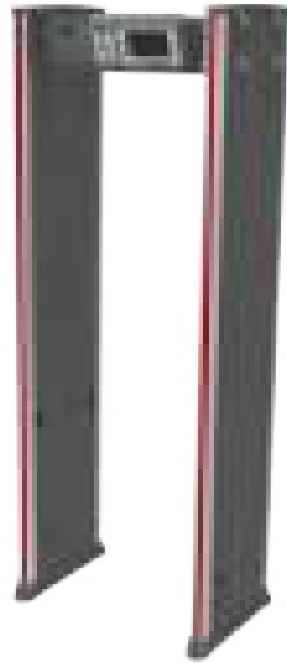


- Sensitivity: Every zones sensitivity adjustable
- Self-diagnosis: Boot up can check the system itself
- Password protection: Unauthorized personnel cannot operate
- Easy installation: The installation or disassembly can be completed in 15 minutes
- Statistical: Pass count and alarm count



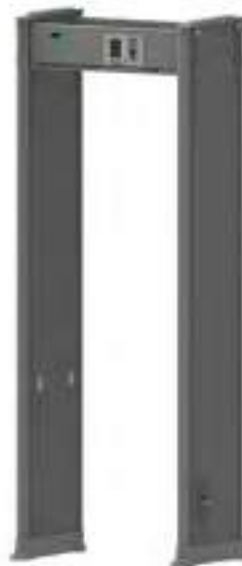
## ZK-D3180

- 18 detection zones, high resolution and precision
- Each detection zone has 500 adjustable sensitivity levels
- Synchronous sound & LED alarm
- Excellent anti-interference



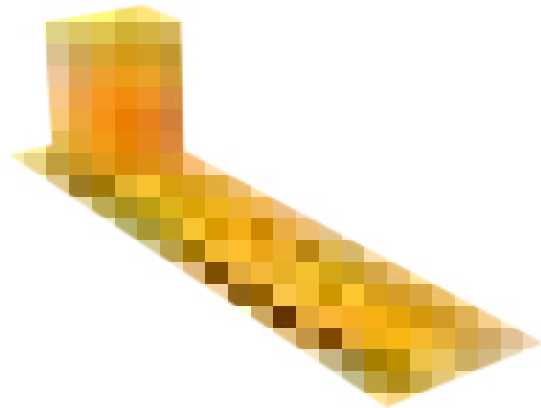
## AMD1800 Pro

- 18 detection zones, high resolution and precision
- Waterproof with protection level IP65
- Synchronous sound & LED alarm
- Each detection zone has 256 adjustable sensitivity levels



# Road Blocking

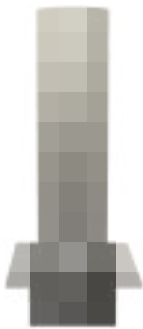
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## Tyre Killer

### ZK-TK500

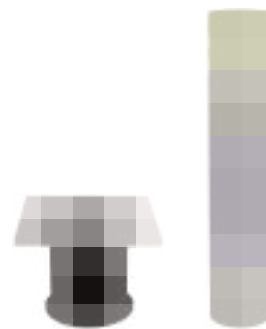
- High security level
- Raise / lower smoothly
- Blocking width from 2m to 6m



## Fixed Bollard

### BOL1168-F

- Customization available
- Simple installation and limited digging operations
- Stainless steel ensures long-lasting durability



## Removable Bollard

### BOL1168-R

- Customization available
- Simple installation and limited digging operations
- Stainless steel ensures long-lasting durability

## Automatic Bollard

### BOL1219-A

- Raise / lower smoothly and quietly with hydraulic drive unit
- Equipped with LED
- Solid structure ensures high weight load
- Extra terminal to support varieties of control methods
- In case of power failure, the bollard can be lowered manually



# Under Vehicle Inspection System

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## ZK-VSCN100

### Portable Under Vehicle Inspection System

#### Product Description

ZK-VSCN100 is a portable under vehicle inspection system. It has a great mobility in checkpoints need to be moved or installations where roads cannot be dug up. ZK-VSCN100 does not need civil construction and can be installed in 10 minute include wiring. In addition, it is convenient to move and deliver because all components are able to be stored in a cabinet with wheels.

# Smart Home Security

ZKTeco's smart home security system is an all-in-one IoT solution for the end users. Benefited from this smart and powerful system, we could enjoy a seamless experience with various smart home devices. Remote control, home automation, security monitoring and voice control are the key features for this solution.

To satisfy users' needs, especially the requirements of high-quality wireless door lock system, ZKTeco has been striving for enhancing performance of its hotel door locks. ZKTeco also launches a combination of wireless door lock and ZKBioHLMS (a version of ZKBio CVSecurity) as an integrated and complete solution for the hotel industry.



## Wi-Fi Lock with Visual Peephole

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### HBL400

- 3D Structured Light Facial Recognition
- Automatic Opening and Closing Mortise
- Built-in Wi-Fi (no gateway required)
- Supports Doorbell Call and One-click Remote Unlocking
- Indoor OLED Screen for Outdoor Monitoring
- Hidden Fingerprint Sensor Design



### TL800

- Automatic Opening and Closing Mortise
- Built-in Wi-Fi (no gateway required)
- Supports Doorbell Call and One-click Remote Unlocking
- Indoor OLED Screen for Outdoor Monitoring
- Hidden Fingerprint Sensor Design

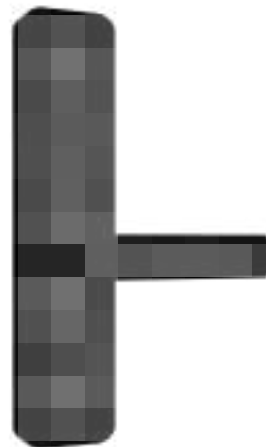


## Wireless IoT Lock Series

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### ML100

- Built-in Wi-Fi Compatibility (no gateway required)
- Supports Remote Unlocking through the App
- Capacitive Fingerprint Sensor
- Supports Audio Instructions of Four Languages
- European Standard Mortise



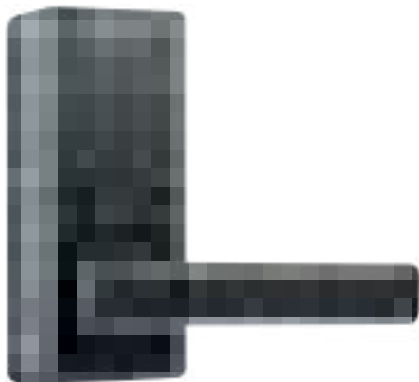


## ML200

- No Drilling Required
- Water Resistance for Semi-outdoor Scenarios
- Unlock and manage the lock from anywhere with the optional gateway
- Work with Amazon Alexa and Google Assistant
- American Standard Single Latch, German Standard Mortise (optional)

## ML300

- No Drilling Required
- Capacitive Fingerprint Sensor
- Unlock and manage the lock from anywhere with the optional gateway
- Work with Amazon Alexa and Google Assistant
- American Standard Single Latch, German Standard Mortise (optional)

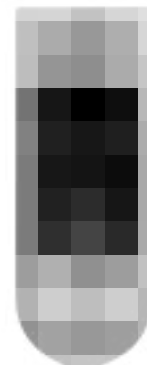


## DL30Z

- Zigbee Communication
- Unlock and manage the lock from anywhere
- Supports Audio Instructions of Three Languages
- IC Card & NFC Supported
- American Standard Single Latch, German Standard Mortise (optional)

## AL40

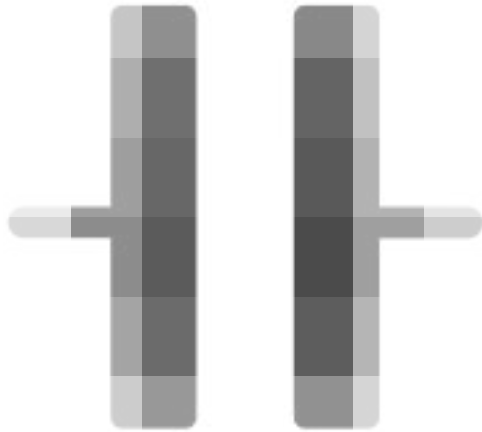
- American Deadbolt
- Capacitive Fingerprint Sensor
- Supports Auto Re-lock Mode & Privacy Mode
- Unlock and manage the lock from anywhere with the optional gateway
- Work with Amazon Alexa and Google Assistant
- Tamper Alert for Higher Security





### TL300Z

- Zigbee Communication
- Unlock and manage the lock from anywhere
- Capacitive Fingerprint Sensor
- Work with Amazon Alexa and Google Assistant
- IC Card & NFC Supported
- Robust Zinc Alloy Casing and Multiple Locking Mechanisms



### TL700W

- Built-in Wi-Fi (no gateway required)
- Supports Doorbell Call and One-click Remote Unlocking
- Integrated Capacitive Fingerprint Sensor on the Lever
- Assurance Knob Design
- Double Locking Mechanisms

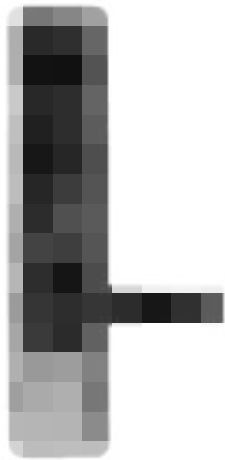


## Hybrid Biometric Lock Series

### HBL100B / HBL200B Series

- Compact and Magnificent Design
- Supports Phone / Face / Fingerprint / Passcode / Card / Key
- 2.8 Inches Capacitive Screen with Graphical User Interface
- Supports Bluetooth for ZK SmartKey App
- Rechargeable Lithium Battery
- American Standard Single Latch, German Standard Mortise (optional)



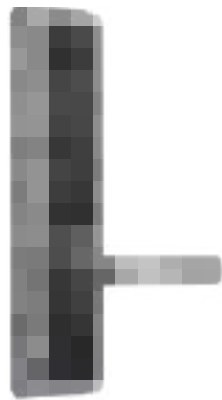


### ZM100

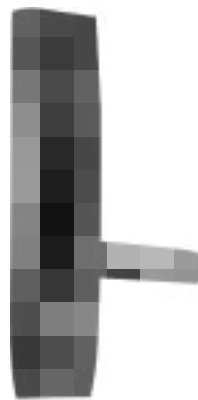
- Accurate and High-speed Face Verification in 1: N Mode
- Equipped with BioID+ Fingerprint Sensor
- 2.8 Inches Capacitive Screen with Graphical User Interface
- Rechargeable Lithium Battery
- Robust Zinc Alloy Casing and Multiple Locking Mechanisms

## Bluetooth-Enabled Residential Lock Series

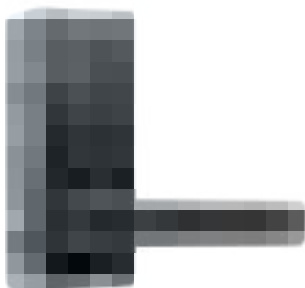
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TL300B



TL400B



DL30B



AL20B

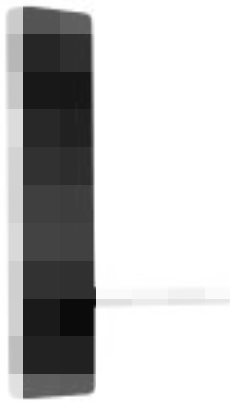


AL10B



# Wireless Hotel Lock Series

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## ZL500

- Compatible with ZKBioHLMS (ZKBio CVSecurity)
- Ultra-slim and Modern Design
- Unlock via the Smartphone HTML5 (H5)
- Zigbee Communication
- Support Online Checking Lock Status & Remote Always-open Mode

## ZL600

- Compatible with ZKBioHLMS (ZKBio CVSecurity)
- Ultra-narrow and Deluxe Design
- European Standard Mortise
- Zigbee Communication
- Advanced Salt & Spray Performance (fit for seaside situation)

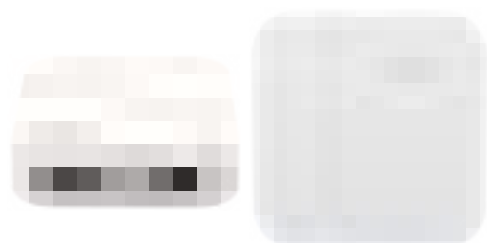


## ZL700

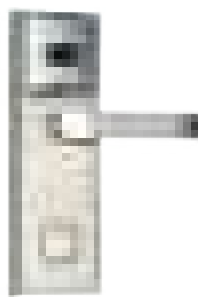
- Compatible with ZKBioHLMS (ZKBio CVSecurity)
- Unlock via the Smartphone HTML5 (H5)
- Zigbee Communication
- Advanced Salt & Spray Performance (fit for seaside situation)
- Support Online Checking Lock Status & Remote Always-open Mode

## SLG410

- Supported Product: ZL500 / ZL600 / ZL700
- Max. Node: 6
- Communication: Wi-Fi 802.11 b/g/n 802.15.4/ Zigbee
- Adapter Output: DC 5V, 1A



# Standalone Hotel Lock Series



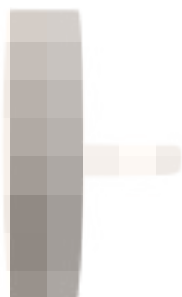
LH1000



LH3000



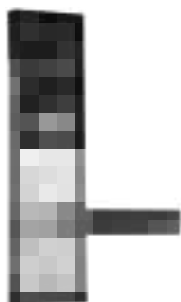
LH3600



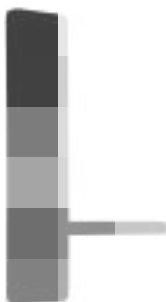
LH4000



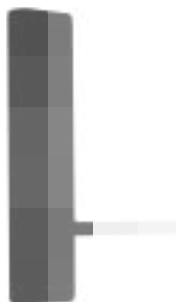
LH5000



LH6000



LH6500



LH6800

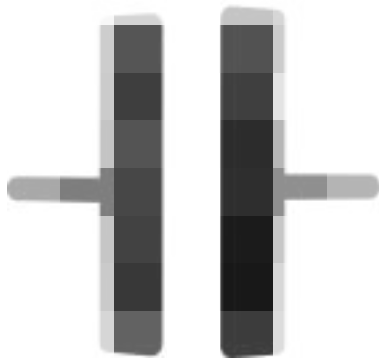


LH7500



## Other Locks

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### TL700

- Built-in Doorbell
- Integrated Capacitive Fingerprint Sensor on the Lever
- Assurance Knob Design
- Tamper Alert
- Double Locking Mechanisms

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### GL300 (Glass Door Lock)

- No Drilling Holes Required
- Supports Fingerprint / Passcode / IC Card / Remote Control
- OLED Display Design
- Doorbell Function
- Fit for All Door Opening Directions
- Wi-Fi Communication (optional)



### Padlock (Fingerprint Padlock)

- Widely used for locker, cabinet and bag
- Fingerprint Unlock
- USB Rechargeable
- Low battery warning
- Color Options: Silver / Black

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### CL10 (Cabinet Lock)

- Widely used for cabinets with sliding doors and push-pull doors
- Support ID Card
- Low Battery Warning
- Support Public and Private Mode



# Mobile Application

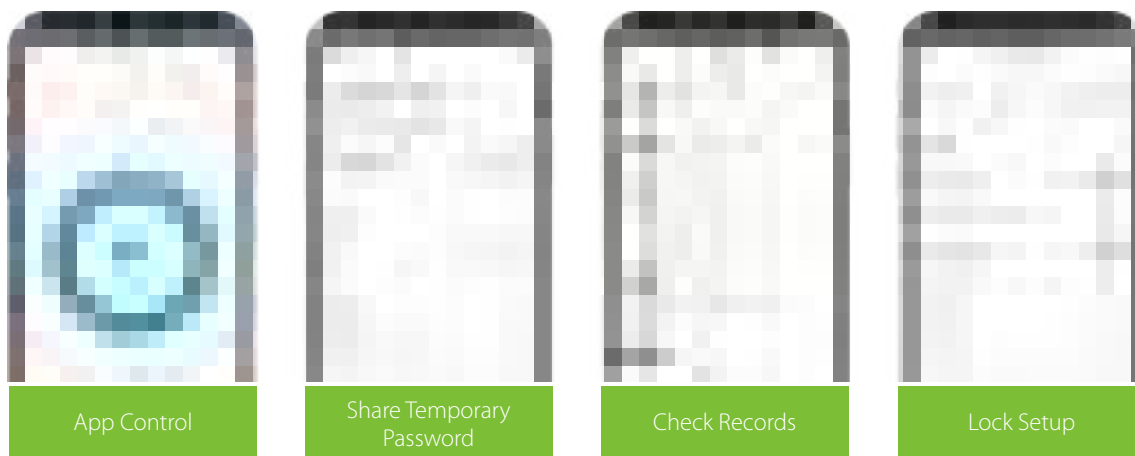
## ZSmart: Mobile Application for the Smart Home System

### Features

- Total Control: Unlock and manage the lock from anywhere via a smart phone
- Check Records: Check the log history of who and when
- Temporary Access: Share digital keys valid for specific time to friends or guests
- Smart Alerts: Receive real-time notifications of low battery, hijack and offline
- Smart Automation: Customize the different scenes to control the device automatically

### Supported Models

ML100 / ML200 / ML300 / DL30Z / TL300Z / AL40 / TL700W / TL800 / HBL400 / GL300W



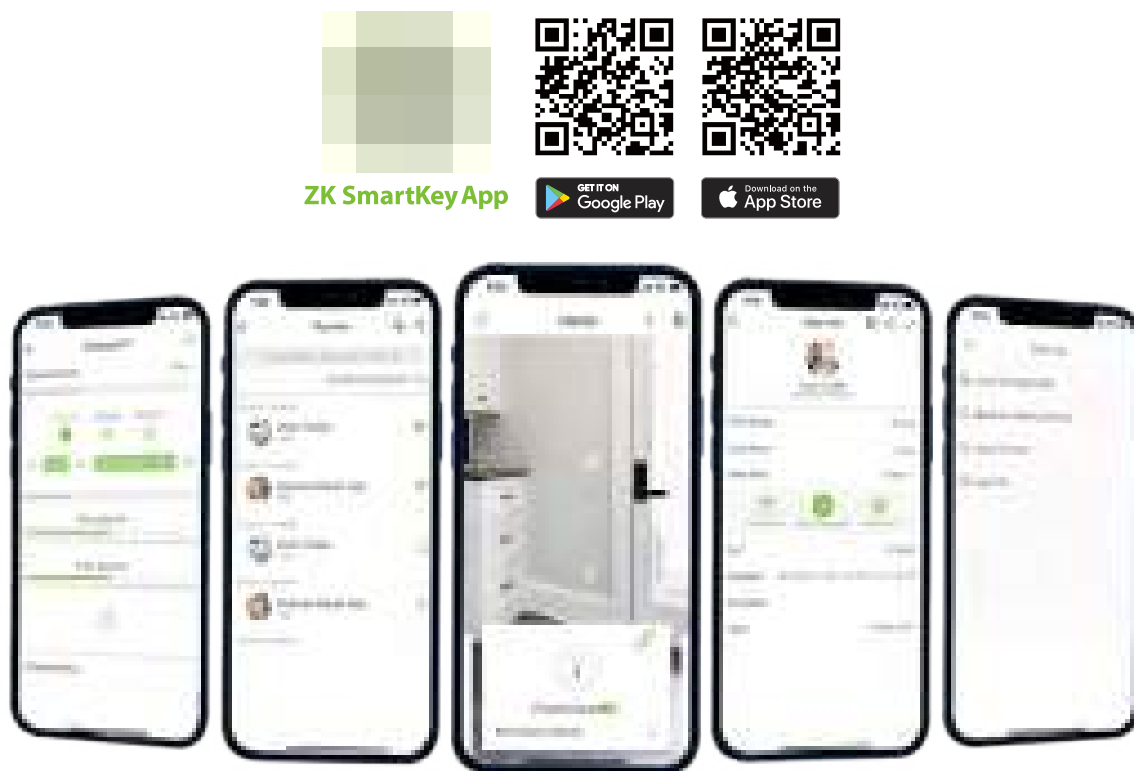
# ZK SmartKey: Mobile Application for the Bluetooth-Enabled Residential Lock

## Features

- User Registration: Register Fingerprint, Passcode and Card via Your Mobile Phone
- Visitor Mode: Sharing Temporary Passcode from Anywhere Anytime
- Records Check: Keep Track of Who & When Has Come
- Time Zone: Grant Limited Access Rights to Your Baby-sitter Or House Keeper

## Supported Models

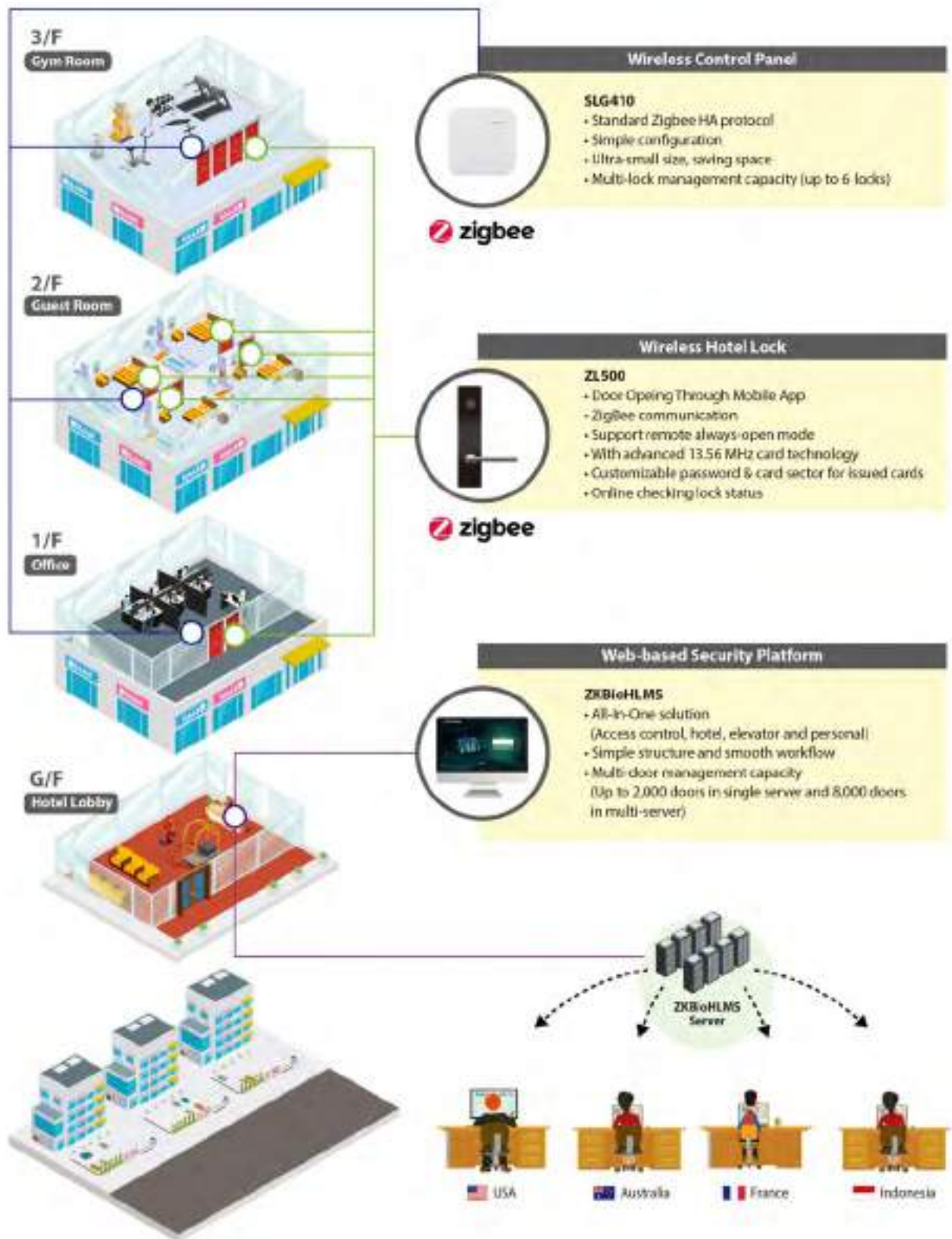
HBL100B / HBL200B / TL300B / AL40B / AL30B / DL30B / AL20B / AL10B / TL400B



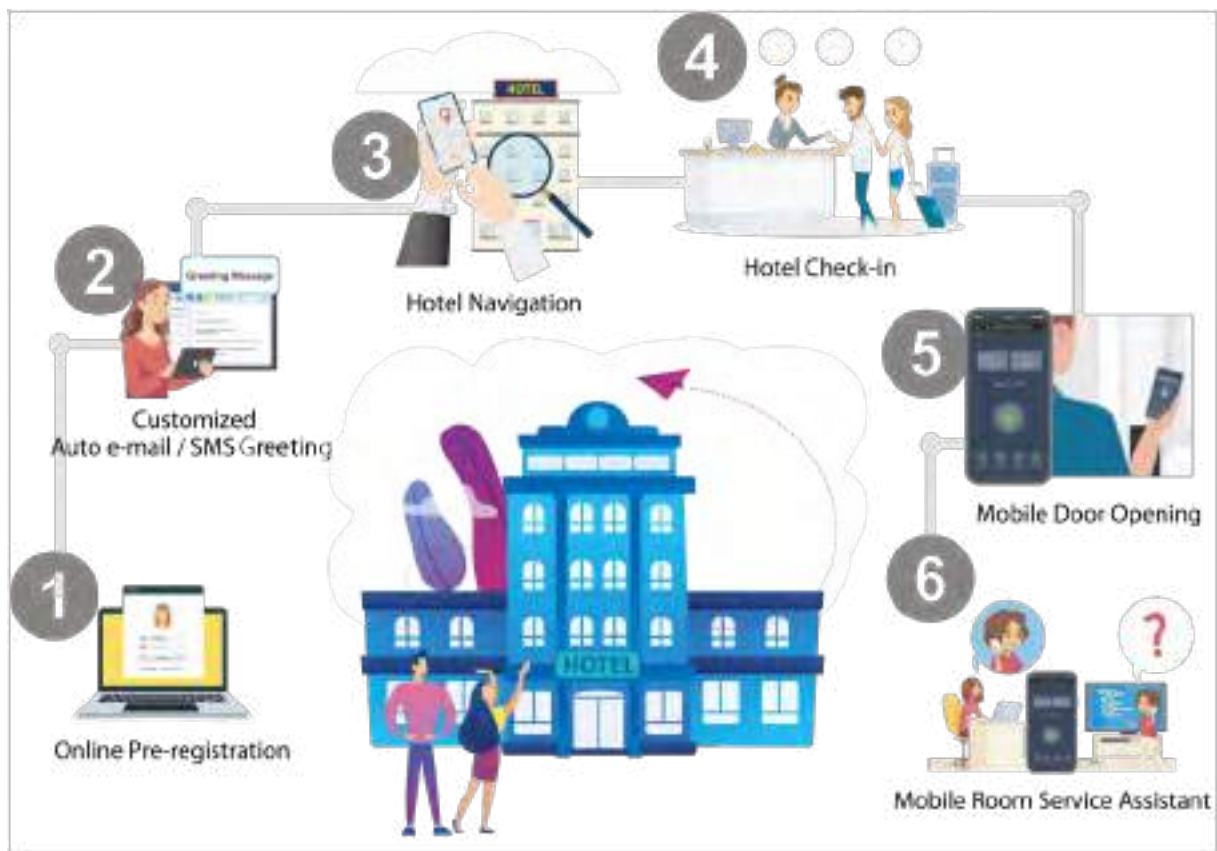


# App-free Smart Hotel Lock Solution

## System Topology



# Room Booking Timeline Infographics



# Video Intercom

Video intercom products are used in many occasions. Through the indoor monitor, user can view outside and control door lock, which brings user safety and convenience. Also it makes users communication with visitors more pleasant and intuitive.

Making the world a safer place is our vision.

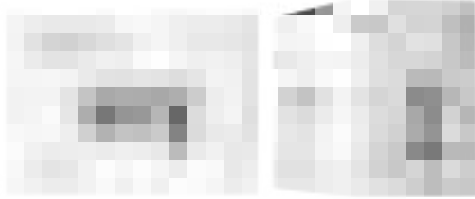






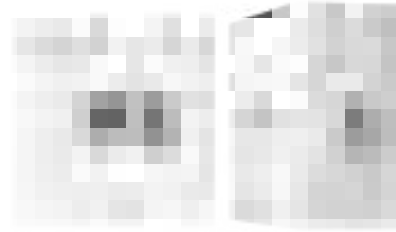
# Video Intercom Products

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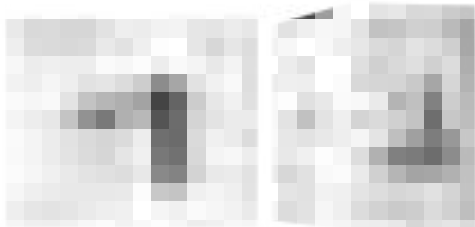
## VDPO3-B3 kit

- Display Screen: 7" TFT screen
- Resolution (H\*V): 800 \* 480
- Camera: 700 lines CMOS color camera
- Connection: 4 wire (power, video, audio, grounding)
- Support: 1 outdoor station, 4 indoor monitors



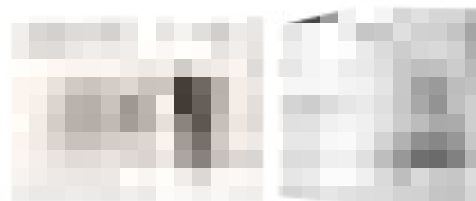
## VDPO4-B4 kit

- Display Screen: 4.3" TFT screen
- Resolution (H\*V): 480 \* 272
- Camera: 700 lines CMOS color camera
- Connection: 4 wire (power, video, audio, grounding)
- Support: 1 outdoor station, 4 indoor monitors



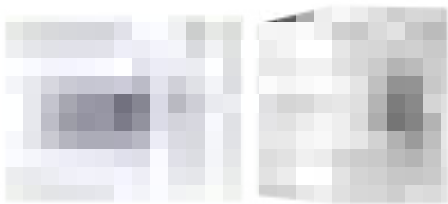
## VK04-A01 Kit

- Display Screen: 4.3" TFT screen
- Resolution (H\*V): 480\*272
- Camera: 1000TVL with IR cut, angle 130°
- Connection: 4 wire (power, video, audio, grounding)
- Support: 2 outdoor stations, 4 indoor monitors, 2 CCTV cameras



## VK07-A01 Kit

- Display Screen: 7" TFT screen
- Resolution (H\*V): 1024\*600
- Camera: 1000TVL with IR cut, angle 130°
- Connection: 4 wire (power, video, audio, grounding)
- Support: 2 outdoor stations, 6 indoor monitors, 2 CCTV cameras and TF card



### VK07-C02 Kit

- Display Screen: 7" TFT touch screen
- Resolution (H\*V): 1024\*600
- Camera: AHD 1080P with IR cut, angle 160°
- Connection: 4 wire (power, video, audio, grounding)
- Support: 2 outdoor stations, 4 indoor monitors, 2 CCTV cameras, TF card and mobile app





# SMART OFFICE

ZKTeco+ Smart Office Cloud Platform Empowerment  
Integrated Business (Smart Office Application)









# Time Attendance

ZKTeco is committed to developing and integrating cutting-edge Hybrid-Biometric, RFID and Wireless technologies into its time attendance solutions. ZKTeco provides a full range of solutions including various fingerprint, RFID, face and palm verification, time clocks, portable time clocks, time and attendance management software, etc. ZKTeco can meet the demands of all companies in different sizes.



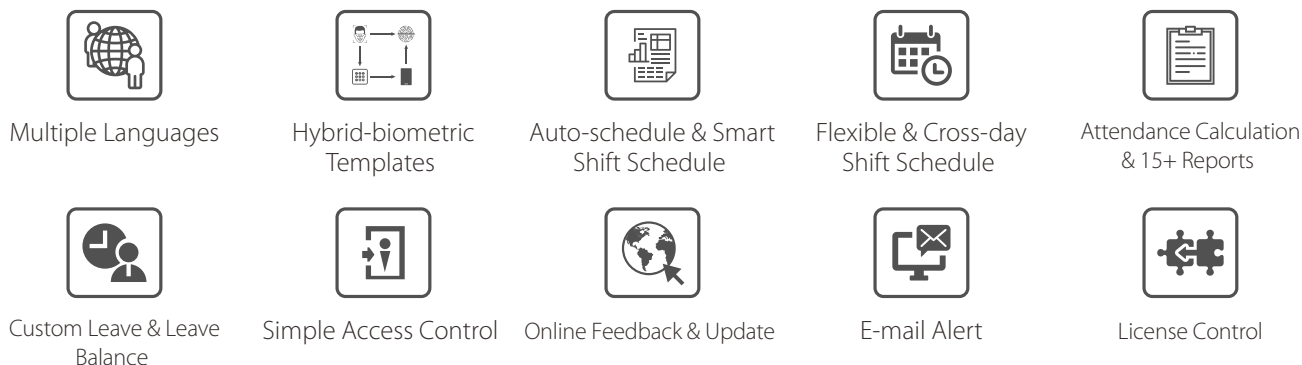
# ZKBio Time.Net

## Lite Time Attendance Software for SMB

### Solution



### Features

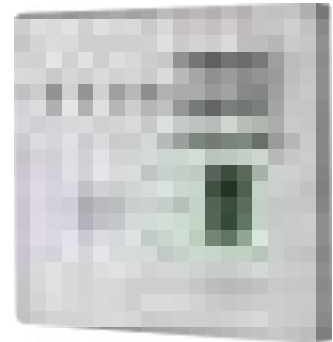


System Architecture	Client / Server
Device List	Standalone SDK Communication Devices including A Series / B Series / iClock Series / IN Series / K Series / KF Series / LX Series / MB Series / P Series / Silk Series / S Series / D Series / U Series/ uFace Series / VF Series / X Series / Green Label Series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

# Hybrid Biometric Time Attendance & Access Control Terminal with Enhanced Visible Light Facial Recognition

## MB560-VL

- Enhanced Visible Light Facial Recognition
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- Multiple Verifications: Face / Fingerprint / Card / Password
- Optional Multiple card modules: ID / IC
- Supplement light with adjustable brightness
- Face Capacity: 3,000
- FingerPrint Capacity: 3,000
- Card Capacity: 10,000 (Optional)
- Transactions: 100,000



## Time & Attendance and Access Control Terminal with Visible Light Facial Recognition

### EFace10

- 4.3-inch Touch Screen
- 1,000 users / 500 faces and 150,000 transactions
- Communication: TCP/IP, USB Host, WiFi (Optional)
- Multiple verification methods: Face / Password / Card (optional)
- Card modules (optional): 125KHz ID Card (EM) / 13.56MHz IC Card
- Backup rechargeable battery (optional): offers at least 2 hours of power on a full charge, and it takes 4 hours to recharge
- Wall-Mounting and Desktop Installation (Optional)

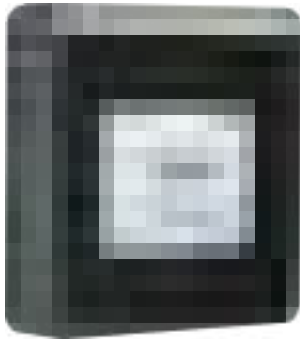


### EFace10 Kit

- A Compact & Touch-Free Single-Door Time & Attendance and Access Control Solution
- LM-2805 Single Door Magnetic Lock Load Up To 280KG, which support surface mount and mount with U, L, Z, and ZL mounting brackets available
- TLEB102 Touchless Exit Button
- L-shaped and Z-shaped for lock installation, are compatible with iron and wooden doors







## Horus TL2

- Visible Light and Near Infrared-Red face Recognition
- 2.8-inch Touch Screen
- Communication: TCP/IP, Wi-Fi
- ADMS, T9 Input, DST, Work Code, Self-service Query, SSR, Timed state transitions
- User Capacity: 800
- Face Capacity: 800
- Record Capacity: 150,000
- Mounting on the wall
- Local Encrypted Data: Only local storage of user data to protect employee privacy

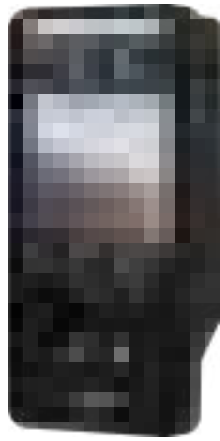
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## Zpad Plus (Fingerprint Terminal)

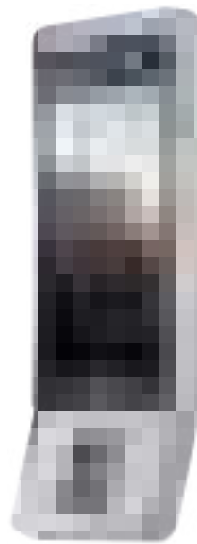
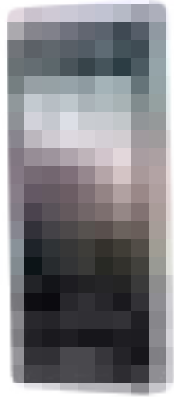
- User & Card Capacity: 10,000
- Fingerprint Capacity: 20,000
- Transaction: 1000,000
- 7" Multi-Touch LCD screen
- Revolutionary BioID+ fingerprint sensor
- ID / IC / OMNIKEY5127 optional
- Simple access for lock and exit button
- Equipped with backup battery
- Quad-core Cortex-A53 1.2GHz with Android 6.0.1 system
- 2 million pixels camera for photo and video
- Communication: Ethernet, WiFi, USB-host 4G (Optional)



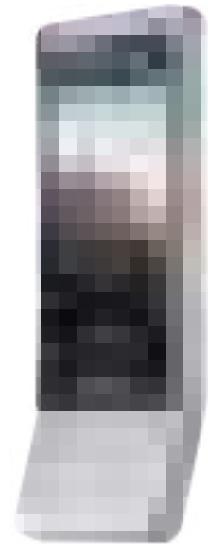
# Ultra-thin 4G and New Generate Face Recognition Terminal



Horus E1



Horus E1-FP



Horus E1-RFID

## Horus E1, Horus E1-FP, Horus E1-RFID

- 1.5Ghz Quad-core, 2G RAM / 16G ROM
- New Deep Learning Algorithm
- Backup rechargeable battery optional (Only Horus E1)
- 5-inch HD touch LCD
- Communication: 4G, Wi-Fi, Bluetooth, USB OTG, TCP/IP, RS485
- Built-in PIR, speaker, microphone, GPS and A-GPS
- Backup battery (Optional for Horus E1)
- Security relay box for advance access control
- Optional: BioID+ FP sensor, RFID
- User Capacity: 10,000
- RFID Capacity (Optional): 10,000
- Facial Template Capacity: 6,000
- Fingerprint Capacity (Optional): 10,000
- Log Capacity: 100,000





# Wireless Time & Attendance Terminal: WL10, WL20, WL30



# Countertop Time & Attendance Terminal



	D1	D2	D1S (New)	D2S (New)
Slogan	Countertop Time Attendance Terminal		Low Power Consumption Countertop Time Attendance Terminal	
Image				
Features	Countertop placed with built-in battery and no installation USB Micro-port for DC power bank charge available			
	Wi-Fi communication Built-in time attendance report Mobile APP control and download report Built-in battery up to 8 hours standby time		Built-in detachable battery has over 12 days standby, 8,000 times punching-in on a single charge Built-in battery up to 12 days and 8,000 punching	
Capacity	Max User (1:N) : 1,000 Max Fingerprint (1:N) : 1,000 Max Record: 50,000		Max User (1:N) : 200 Max Fingerprint (1:N) : 400 Max Record: 10,000	
Interface	USB 2.0 (Host) / WLAN / Hot Spot		USB 2.0 (Host)	
Hardware	LCD: 2.8" Color LCD Operating Temp.: 0 °C- 45 °C Power Battery: DC 5V / 2A / 4,000 mAh		Sound: 24-bit Operating Humidity: 20% ~ 80%	
Dimensions (W x H x D mm)	180.0 x 84.5 x 81	170.0 x 84.0 x 84.9	180.0 x 84.5 x 81	170.0 x 84.0 x 84.9
Function	Automatic Status Switch, Self-Service Query, SSR DST, T9 Input, 9 Digit User ID, Scheduled Bell		Automatic Status Switch, Self-Service Query, T9 Input, 9 Digit User ID	
Compatibility	ZKTime.net3.0			



# Semi-outdoor Face and Fingerprint Identification Terminal

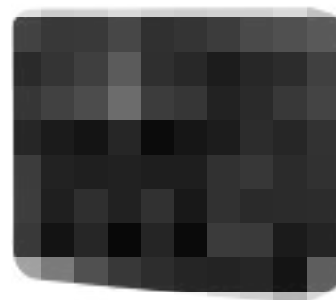


## P260




- 1,000 Palms, 3,000 Fingerprints, 10,000 Cards and 100,000 records
- Built-in POE Function
- Built-in battery, up to 4 hours continued operation
- 1 channel auxiliary input for smoke detector connection
- Multiple communications: 4G, Wi-Fi, TCP/IP, USB host

## P160

- 1,000 Palms, 3,000 Fingerprints, 10,000 Cards and 500,000 records
- Elegant ergonomic design
- TCP/IP, USB-Host and Wi-Fi communication
- Optional with POE module / 4G module / Advanced access control module / Battery module
- Verification speed less than 1 second



# Entry Level Visible Light Facial Recognition Terminal

	LFace10	MB10-VL	MB20-VL
Image			
Verification Mode	Face	Face+Password+RFID+Fingerprint	
Capacity	100 users 100 faces 50,000 transactions	500 users / cards 100 faces 500 fingerprint 50,000 transactions	
Communication	USB Host	USB Host, TCP/IP, WiFi (Optional)	
A&C Interface	N/A	Simple A&C Interface for Lock, Door Sensor, Exit Button	
Hardware	2.4" Color LCD	2.8" Color LCD Optional with ID / IC Card Module	
Function	DST, Self-service Query, Automatic Status Switch, T9 Input, Camera, 9-digit User ID, Bell Scheduling, SSR	ADMS, DST, Self-service Query, Automatic Status Switch, T9 Input, Camera, 9-digit User ID, Multiple Verification Methods, Bell Scheduling, SSR	
Software	N/A	ZKBio Access IVS (T&A)	

# Intelligent Commerce

Intelligent commercial products include POS terminals and peripherals, commercial displays, EAS terminals and accessories, which are used at smart retail, restaurants and work places. ZKTeco aims to provide clients with various products and all in one solutions at retail and hospitality industries.

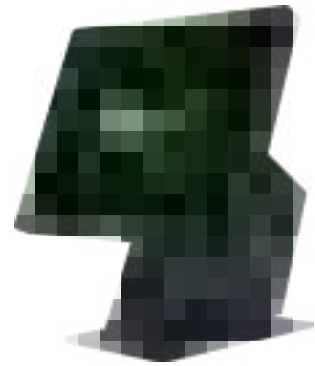


# ZKTeco POS Terminals

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## ZKBio810

- Strong Technical Grade Motherboard
- Power-efficient Intel Processor
- 15" Bezel-Free True-Flat PCAP screen with touch function
- Optional with modular 1D/2D code scanner, MSR, fingerprint reader
- Multiple colors are available



## ZKBio910

- Strong Technical Grade Motherboard
- Power-efficient Intel Processor
- 15" Bezel-Free True-Flat PCAP screen with touch function
- Accessory modular design with complete aluminum material
- Dual hinge stable stand, supporting standard VESA wall mounting
- Easy to hide cables and fanless design



## ZKBio610

- Strong Technical Grade Motherboard
- Power-efficient Intel Processor
- Multiple I / O interfaces for peripherals
- Optional 3 tracks MSR, attached VFD&12.1" customer display
- Position for one extra 2.5" hard disk
- Dual hinge stand, table stand and standard VESA mount



## ZKBio510

- Strong Technical Grade Motherboard
- Power-efficient Intel Processor
- Multiple I / O interfaces for peripherals
- Standard with 8C high-definition digital tube
- Optional 3 tracks MSR, attached VFD & 15" customer display
- 15" Bezel-Free True-Flat PCAP screen with touch function

### ZKAIO3010

- Strong Technical Grade Motherboard
- Power-efficient Intel Processor
- Multiple I / O interfaces for peripherals
- Standard with 8C high-definition digital tube
- Optional with built-in 58/80mm thermal printer
- Multiple colors are available



### ZKAIO4000W

- All-in-one Android terminal with integrated thermal printer
- ARM Cortex-A17 Quad Core Processor
- 15.6" Bezel-free True-Flat LCD with capacitive touch function
- Standard with 11.6" IPS secondary display
- Support connecting with cash drawer directly
- Optional with built-in 58/80mm thermal printer

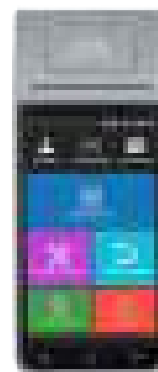
### ZKAIO1000W

- All-in-one Android terminal with integrated thermal printer
- ARM Cortex-A53 Quad Core Processor
- 11.6" Bezel-free True-Flat IPS screen with capacitive touch
- Support VESA wall mounting
- Support WiFi, Bluetooth communication



### ZKH300

- Compact handheld Android POS with integrated thermal printer
- ARM Cortex-A53 Quad Core Processor
- 5.5" Bezel-free True-Flat LCD with capacitive touch function
- Android 11.0 OS, Support WiFi, Bluetooth, 4G communication
- Optional with fingerprint reader



## ZKSOKiosk3000 (Self-Ordering System)

- Capacitive 10 points touch control panel enhances writing sensitivity and ensures smooth writing
- Using the tempered glass screen to avoid damage to touch screen
- IPS commercial screen is adopted, with Full HD resolution and professional color performance
- Support RFID, 1D & 2D code scanning and printing functions
- Embeddable thermal imaging detector, facial recognition detector and video loop play function
- Ideal for cinema, hotel, catering, supermarkets, and hospitals



## Smart Consumption

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### ProMerc-300D

- Facial and card consumption payment modes
- Facial recognition speed less than 0.3 sec per face
- Multiple consumption modes
- TCP/IP & Wi-Fi
- Strong scalability with Android opening SDK

### ProMerc-300H

- Facial and card consumption payment modes
- Facial recognition speed less than 0.3 sec per face
- Multiple consumption modes
- TCP/IP & Wi-Fi
- Strong scalability with Android opening SDK

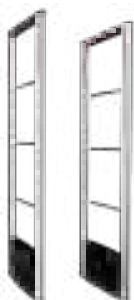


# EAS

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## Commercial EAS

EAS Security is protection for your shop or retail chain and the word itself means Electronic Article Surveillance. An EAS Security system usually consists of EAS Antennas and EAS Tags or labels. Protecting your store with EAS Security is an easy way to decrease external shrinkage.



### ZKRF20M (Radio Frequency Technology)

- Cost-effective
- Simple design suitable for multiple scenarios
- Aluminum alloy material ensures long-lasting durability
- Advanced Digital Signal Processing (DSP) technology
- Suitable for wide entrance



### ZKAM10 (Acoustic Magnetic Technology)

- High flexibility, accuracy, anti-interference and stable performance
- Superior Digital Signal Processing (DSP) technology
- Effective solutions for multi-aisle scenario
- Software based anti-interference tuning and adjustment
- Stable structure ensures long-lasting durability







### ZKAM20A (Acoustic Magnetic Technology)

- High flexibility, accuracy, anti-interference and stable performance
- Low-power design
- Superior Digital Signal Processing (DSP) technology
- Effective solutions for multi-aisle scenario
- Software based anti-interference tuning and adjustment
- Stable structure ensures long-lasting durability
- Acrylic board built-in LED lamp bead

## Commercial Display

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### Interactive Digital Board

ZKTeco's 4K digital interactive whiteboard is designed to promote inspirational knowledge sharing in business and educational environments. The all-in-one meeting solution of ZK-IWBP series products integrate with screen sharing, whiteboard writing and remote video conference, which leaves out tedious work.



### ZK-IWBP Series (4K Smart Interactive Whiteboard )

- 4K UHD Display: 3840X2160pixels
- Built-in UHD Camera: 13-megapixel
- 6 Microphones Array: 8m of detection distance
- Dual System: Android and Windows (optional)
- Compatible with OPS
- Wireless projection: P.C. / Smartphone / Tablet



### Digital Signage

ZK-DS digital signage series are specially designed for information release and to raise brand awareness. The Full HD display can show different forms of multimedia information in high-definition, including videos, pictures and PDF through multiple program schedule modes.

ZK-DS digital signage simplifies the information distribution process and has a higher efficiency than print or box advertising, which helps attract customers' attention.

### ZK-DS32/43/55W(F)(Digital signage)

- FHD: 1920×1080P
- Smart split screen: Customizable split screen function
- Program schedule: Play by day, play by week, etc
- Remote management: Off-site information release



## ZKTeco POS Peripherals

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### ZKP8007 (Thermal Receipt Printer)

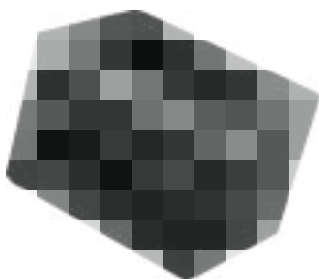
- Supports NVLOGO picture downloading and printing (BMP format)
- Compatible with ESC / POS print instruction set
- Compact and simple paper refill
- Cost-effective
- Wall-mounted and desk-top mode



### ZKP8011(Thermal Receipt Printer)

- Support incoming order prompt and error alarm function
- High-pitchedly remind with built-in loudspeaker when incoming order paper is not taken away
- Specially designed to be waterproof, oil-proof and dust-proof for special environments such as kitchens
- Easily load paper and accurately detect out-of-paper error
- Printing speed up to 300mm/s
- DIP Switches setting printing mode (Cutter, Beep, Language and BPS)





### ZKP8008 (Thermal Receipt Printer)

- Hidden cable slot, specially designed for wall mounting
- High-quality printing in low cost
- Low noise and high-speed printing
- Easy paper refill, easy maintenance and excellent structure
- Low power consumption and low operating costs
- ZKP8005 available

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### ZKP5808 (Bluetooth Thermal Printer)

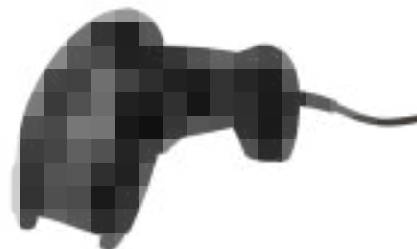
- USB or Bluetooth connection
- 70mm/s high speed printing
- Support QR code and barcode printing
- Support multiple languages printing
- Built-in 1500mAh / 7.4V lithium battery
- ZKP5803 available



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### ZKB102 (Barcode Scanner)

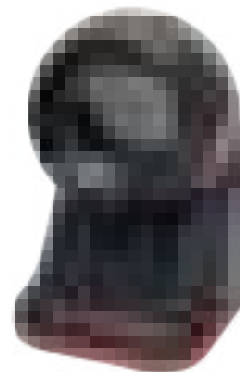
- Fast scanning, good performance
- Humanized appearance design
- Universal data interface, fast and efficient connection
- Intuitive operating feedback (Light & Buzzer)
- Plug and play, simple setup, fast use
- ZKB104, ZKB106 (Wireless type scanner) available
- ZKB201, ZKB202, ZKB203 (QR code scanner) available



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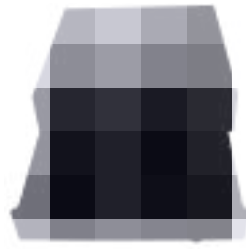
### ZKB209 (Barcode Scanning Platform)

- Excellent decoding ability for 1D & 2D barcode
- Plug and play, simple setup, fast use
- Ultra wide scan wide angle and ultra far reading distance
- ZKB206, ZKB207 available



## ZKC0408 (Metal Cash Drawer)

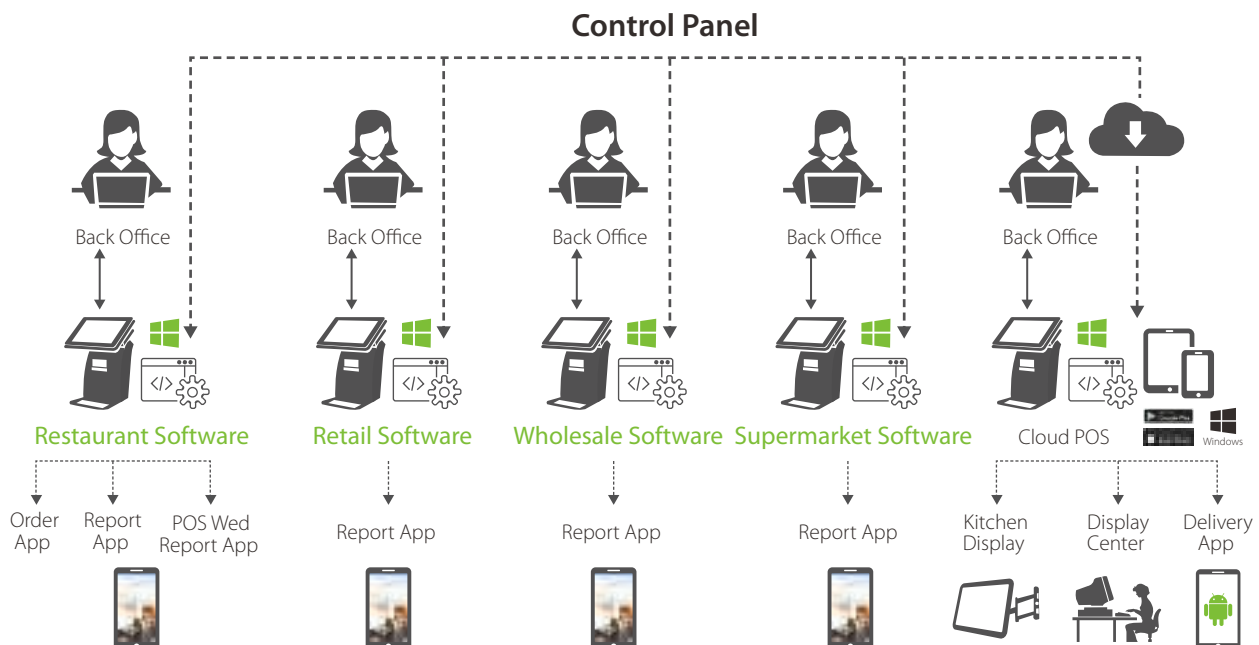
- 4 bills, 8 coins
- 1 check slots, 3 position lock
- RJ11 interface (12V or 24V)
- ZKC0508 / ZKC0704 available



## ZKPOS Software

ZKPOS Software is a cashier management software for enhancing operational efficiency and service quality of cashier service. ZKPOS keeps tracking of your inventory, analysing sales reports, managing bills and orders, gathering contact details of your clients, your products details on monthly or daily basis, compatible to use with offline mode. It can be combined with multiple applications for better user experience. There is also inventory management and background reports.

## ZKPOS Software Architecture



## ZKTeco POS Solutions









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For more information on our branches and products, please visit our website:

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

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