ZKTeco

Product Catalogue





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ZKTECO
Your trusted partner in innovations

ZKTeco Co., Ltd.(ZKTeco) (301330: CN Shenzhen Stock Exchange) is a global leader in biometric solutions and AI Cognitive Spatial Intelligence technologies. Specializing in biometric authentication and intelligent access management, ZKTeco reshapes human-machine interaction and digital transformation.

Focused on innovation, ZKTeco provides solutions in Smart Space Innovations, AI Integration, AI-Powered Time Management, AI-Enhanced Identity Authentication, and Smart Commerce for various sectors. Central to its offerings is the BioCV TinyML Edge AI Model, which connects physical and digital spaces for enhanced efficiency.

89
Global Branches and Subsidiaries

100+
Business covers countries and regions

5
Each of R&D and Manufacturing Centers

3,300+
Global Employees

1,000+
R&D Staffs

TOP 15
Top 50 Global Security Companies 2024 (A&S Magazine)

AS of June 30, 2025



ZKTeco Accreditations

CERTIFIED ISO 9001
Quality Assurance Management

CERTIFIED ISO 45001
Occupational Health And Safety Management

CERTIFIED ISO 14001
Environmental Management

CERTIFIED ISO 20000
IT Service Management

CERTIFIED ISO 27001
Information Security Management

CERTIFIED ISO 27017
Information Security Management

CERTIFIED ISO 27701
Information Security Management

CMMI Level 5
Software Development Matureness

ZKBio CVSecurity

AI-Powered Spatial Intelligence Solutions

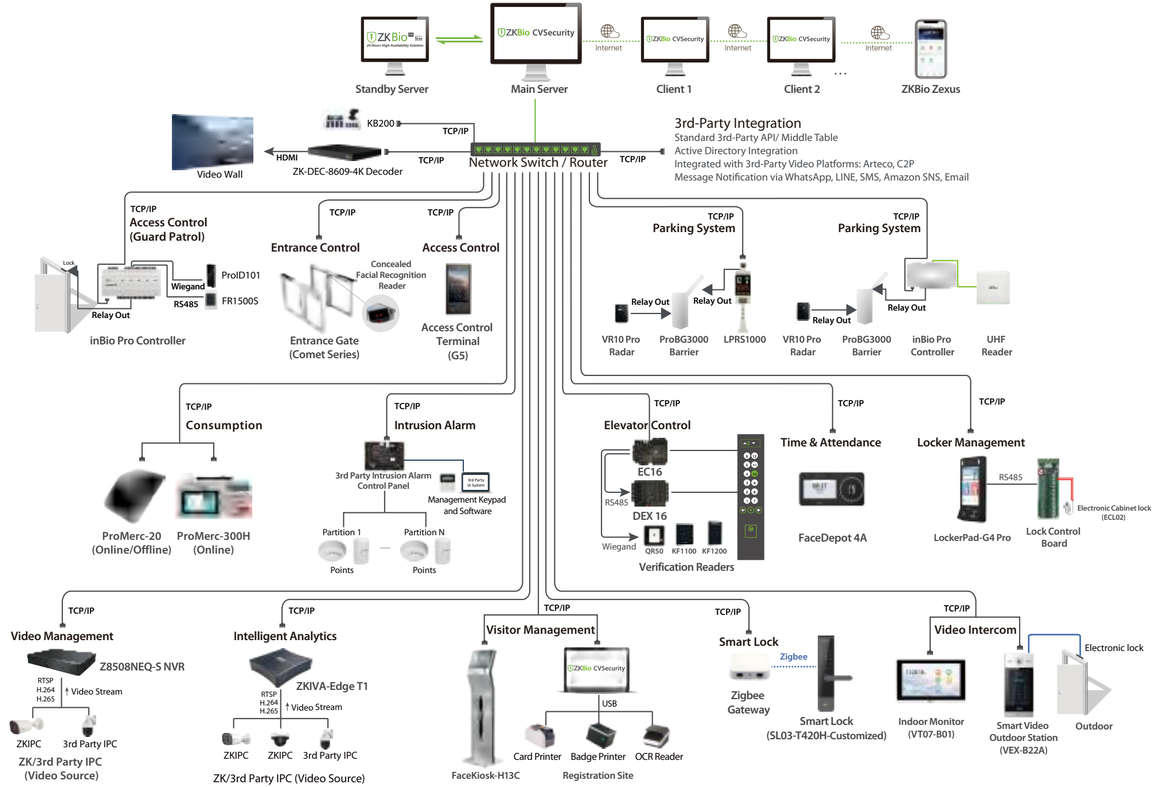
ZKBio CVSecurity provides a comprehensive web-based security platform with the adoption of hybrid biometric and computer vision technology. It contains multiple modules: Personnel, Time & Attendance, Access Control, Video Intercom, Visitor Management, Parking, Elevator Control, FaceKiosk, Smart Video Surveillance, Consumption, Space Management, Audio Broadcast, Guard Patrol, 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.







Space Security Management Solution

Solution Advantages

- **Increase Event Efficiency**
  Simplify the space booking process and reduce vacancy rates.
- **Enhance Event Experience**
  Integrate advanced audiovisual equipment and collaboration tools.
- **Smart Environment**
  Automatically adjust lighting, temperature, and sound to meet the needs of the event venue.
- **Data Analysis**
  Use data to optimize resource allocation and event planning.

1

Host reserves a meeting room on ZKBio CVSecurity

2

Host sends a invitation email to the visitor

3

Visitor receives invitation Email and registers on mobile phone

4

Host reviews the visitor's information

5

Visitor check in on Self-service Facekiosk

6

Host receives the visitor arrival notification and grants elevator access rights

7

The host and visitor enter the conference room for a meeting



Apartment Security Management Solution

Solution Highlights

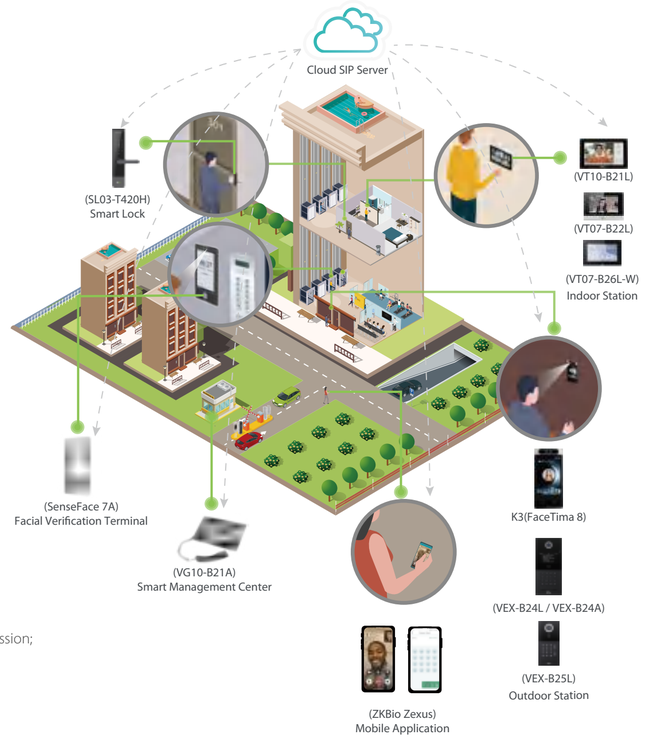
- Lightweight Security Platform
- Video Intercom Capabilities

(a) A complete solution makes communication smoother
Supports call from SIP Servers to software systems, from smart apps to high-end devices.

(b) One-stop security management & All-round security guarantee

(c) Low cost communication
Communication through the Internet, avoiding the high cost of long-distance calls. It also supports various communication modes such as voice and video.

(d) Support mutual calls between APP and device, App and PC client, App and App



- Smart Lock

(a) Supports multiple verification methods:
Password / IC Card / QR code (coming soon);

(b) Supports wireless communication technology to remotely deliver residents' access permissions;

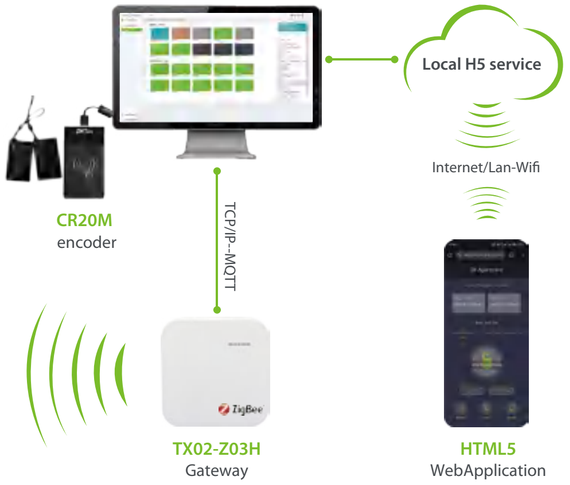
(c) Support flexible validity time management of residents' access permission;

(d) Supports real-time notification of low battery and tamper alarm.



SL03-T420H
Apartment Door Lock

ZKBio CVSecurity SmartLock
Web-based Security Platform



- Safety, efficiency, and design have always been our mission.
- ZKTeco's Apartment Management Solution is an enterprise-grade (To B) smart lock management platform built on ZKBio CVS. This software serves as a unified management hub for offline hotel locks, wireless hotel locks, and apartment locks, while seamlessly integrating with other ZKBio CVS modules – including access control, elevator, parking, and CCTV systems – creating a modular, unified access management ecosystem.The system minimizes installation complexity while maximizing security and convenience for multi-unit deployments.
- As an evolved form of access control products, our door locks support not only traditional RFID cards and PIN verification but also web-based mobile digital keys. This empowers guests to use smartphones as door keys, making advanced technology accessible to everyone.

Procedure

Residents's Procedure



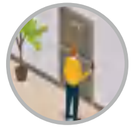
The resident drove up to the gate and entered the apartment after the license plate recognition was successful.



The resident verifies on the access control terminal with facial recognition.



The resident verifies on the access control terminal in elevator, and goes to the destination floor.

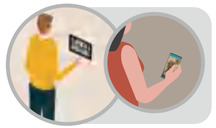


The resident arrives at the room and opens the door with password / IC Card / QR Code.

Visitors's Procedure



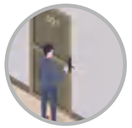
The Visitor arrived at apartment and call the resident on the access control.



The resident answers the video intercom from the visitor on the indoor station / Mobile App, then opens the door for the visitor, and call the elevator to the relevant floor for the visitor.



The visitor enter in the called elevator.



The visitor arrives at the room door and ring the doorbell on the lock.

ZKBio CVSecurity Mobile APP

Video Intercom

- Support Video Intercom:

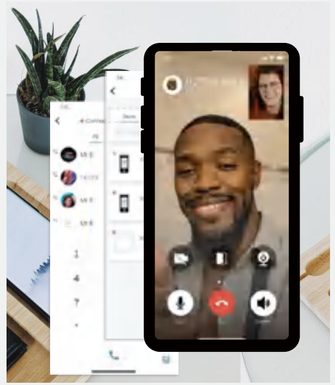
Support mutual calls between APP and device, App and PC client, App and App;

- View of call records:

All call records and missed call records;

- Video Intercom Contact List:

Classified view of device, personnel and admin extension numbers;



Smart Park Solution



Facial Payment Station
(ProMerc-300H)

ZKBio Sense Series
(BL-852T48D-S6-AD)

ZKBio Sense PTZ Series
(PM-855PC20N-AD)

ZKBio Sense Series
(BL-852T48D-S6-AD)

ProBG3000 Series
(High Performance Barrier Gate with High-Speed)

LPRS1000
(License Plate Recognition Integrated Machine)

Solution Highlights

• Multiple layers of protection to ensure the safety of park personnel and property.

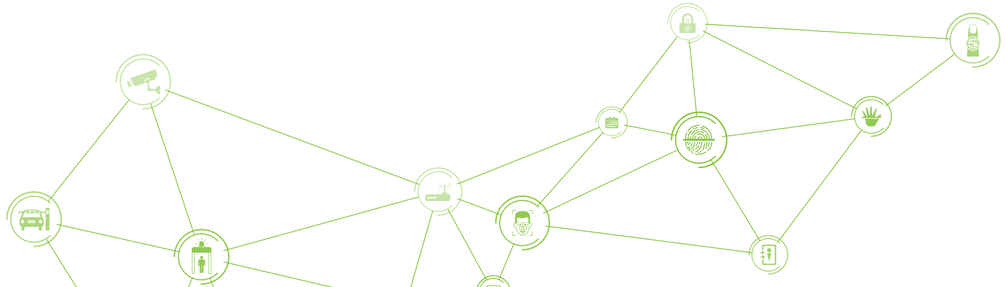
(a) A multi-tiered security system ensures the safety of people and assets. Key areas such as the main entrance, parking lots, office buildings, elevators, and meeting rooms are equipped with intelligent access control, ensuring a secure environment.
(b) A tiered access system: Offers customized access permissions for users of different identities, including employees, administrators, VIP guests, and visitors.
(c) Offer multiple identification and verification methods, including card, facial recognition, palm print, fingerprint, and QR code scanning.

• Intelligent and automated systems to provide a fast and convenient user experience.

(a) A one-stop management platform for administrators integrates sub-systems for unified management, including visual monitoring, automatic alerts, data reporting, and message pushing, significantly improving management efficiency.
(b) Security personnel and guards benefit from comprehensive video surveillance and boundary protection, enabling online patrols and automatic intrusion alarms.
(c) Employees and visitors enjoy quick identity verification, online appointment scheduling, automatic elevator calling, and facial recognition payment.

• Utilization of clean energy in the park, energy consumption control, and provision of enviromentally friendly solutions.

(a) The energy consumption monitoring system provides real-time visual data and offers suggestions for optimizing building energy consumption, aiding in energy saving and emission reduction.
(b) Achieve high integration of campus management information, promoting paperless operations, automatically recording data such as attendance, access control, parking, etc., reducing the use of paper and cash.
(c) Integration with third-party DCS systems enables intelligent elevator dispatching, reducing unnecessary stops, effectively reducing energy consumption.





Intelligent Locker Solution

Solution Introduction

ZKTeco's intelligent locker solution offers a digital and customized services that powered by ZKBio CVSecurity for an enhanced secure storage. This intelligent locker solution is ideal for various scenarios such as factories, supermarkets and office buildings.

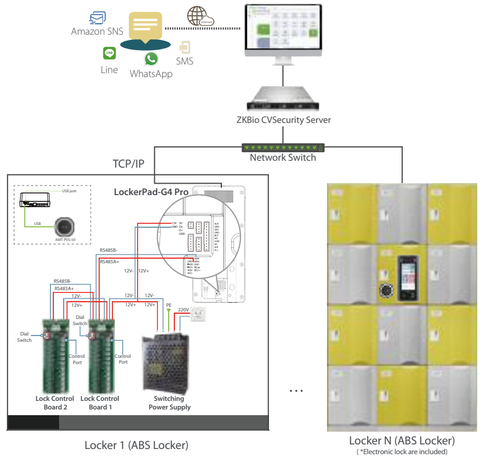
Key Features

- Composition: Consists of LockerPad-G4 Pro, lock control board, and storage cabinet made of ABS material.
- Cabinet features: Made of high-quality ABS material, supports multiple custom combination methods.
- Cabinet sizes and colors: Available in 4 sizes and 12 colors to choose from.
- Recognition methods: Supports various recognition methods, including facial recognition, card recognition, and QR code recognition.
- Operation modes: Supports both offline and online operation modes.
- Software: Can be connected to ZKBio CVSecurity for management.

Applications



System Topology



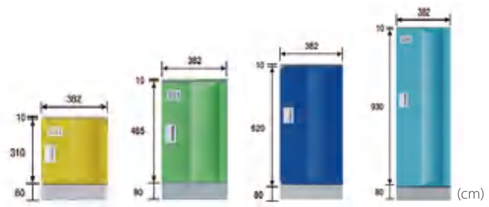
Locker 1 (ABS Locker)

Locker N (ABS Locker)
(*Electronic lock are included)

Software	ZKBio CVSecurity
LockerPad	LockerPad-G4 Pro * Cabinet Capacity: 96 * Support connection with up to 8 pcs Lock Control Board through RS485 connection
Cabinet	ABS Locker * Available in 4 sizes and 12 colors to choose from * Electronic lock are included
Other	Locker Control Board *1 Locker control Board supports up to12 Control Ports

Cabinet Size

- Flat Top Plate
- Sleek design, easy for daily cleaning and maintenance
- Soft Corner for Safety
- Effectively Absorbs Impact Energy to Reduce Accidents
- Multiple columns can be freely combined
- You can customize the number of cabinets according to your needs



Cabinet Color

Cabinets have 12 classic colors and can customize colors according to your preferences.









Emergency Roll Call Solution

Solution Highlight:

- More Precise Roll-call Range: By defining a statistical range, personnel who have not entered or have exited will be automatically marked and will not appear on the assembly list.
- More Accurate Wording: The terms are no longer "Safe" / "Danger," but "Not entered" / "Exited" / "Assembled" / "Unassembled."
- Support for More Devices: Enables electronic roll-call via access control devices, handheld terminal and facial cameras.
- Optimized Visual Panel: The newly upgraded panel is more scientific and intuitive, with data clearly at a glance.
- More Convenient Operation: Includes an operation wizard for simpler configuration; supports one-click rapid trajectory search.
- Offline Secondary Confirmation: Automatically sends statistical reports, with separate displays for each assembly group's report to facilitate offline confirmation by group administrators.
- Manual Calibration Support: Personnel already at safe points can be manually marked as "Assembled," and those who return to dangerous areas after assembly can be re-marked as "Unassembled."

Office and Living Areas



Main Entrance / Exit

Count the personnel and visitors entering / exiting the building

Safe Assembly Area

Emergency quick roll call



Monitoring Center



ZKBio CVAccess



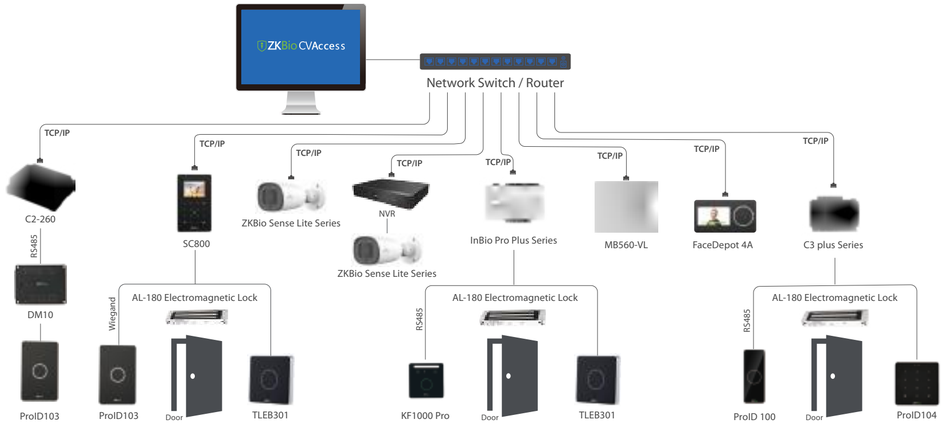
Green Protection: Safeguarding with Sustainability

Introduction

ZKBio CVAccess is a lightweight web-based security platform that utilizes hybrid biometric technology and computer vision technology.

It is designed to support most ZKTeco Hardware and offers a wide range of features to meet the management needs of small to medium-sized businesses: Personnel Management, Access Control, Time & Attendance, Smart Video Surveillance, System Management.

Configuration



Specifications

Function			ZKBio CVAccess	ZKBio CVSecurity
General				
Personnel			√	√
System	Operation Log		√	√
	Database Management		√	√
	System Monitoring		√	√
	Message Notification		Email	Email / WhatsApp / SMS
	Account and Security		√	√
	API Authorization		×	√
	Mobile APP		√	√
	OCR Scanner		√	√
	Card Template		√	√
	Active Directory		×	√
Map	E-map		√	√
	GIS Map		×	√
Event & Alarm Center			×	√
Application				
Access Control	Access Level		√	√
	Interlock		√	√
	Linkage		√	√
	Anti-passback		√	√
	First-Person Normally Open		√	√
	Multi-person Opening		√	√
	Advanced Functions	Global Interlock	×	√
		Global Anti-Passback	×	√
		Global Linkage	×	√
		Personnel Availability	×	√
		Occupancy Control	×	√
		Emergency Muster	×	√
Time & Attendance	Attendance Rule		√	√
	Approval Workflow		×	√
	Shift		√	√
	Uesr Defined Report		√	√
Video Surveillance	View / Live View / PTZ Control / Playback		√	√
	Favorites		√	√
	Onvif		√	√
	TV Wall		√	√
	Intelligent Video Setting		√	√
	Linkage		√	√
	Video Patrol		√	√
	Maintenance		√	√
Elevator Control & DCS Integration			×	√
Entrance Control			×	√
Visitor			×	√
Parking Management			×	√
Guard Patrol			×	√
Consumption			×	√
Video Intercom			√ (V4.2.0 Supported)	√
Intrusion Alarm			×	√
Locker Management			×	√
Mobile APP			√ (V4.2.0 Supported)	√

ZKBio Time

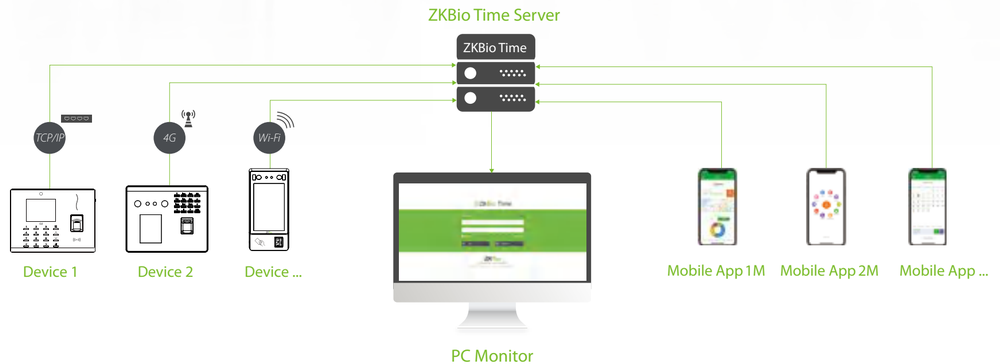
Powerful Web-based Time and Attendance Management Software

ZKBio Time is a powerful web-based time and attendance management software.
ZKBio Time provides a stable connection to ZKTeco standalone push communication devices with Ethernet / Wi-Fi / GPRS / 3G / 4G. It serves as a private cloud which enables employee self-service with our Mobile App.

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

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

Configuration



Specifications

Software

System Architecture	Web-based Software
Suggested Devices	Standalone Device with Attendance PUSH Protocol & Green Label Series
Authentication Options	Fingerprint / Face / Palm / RFID / Pin
Max. Supported Devices	500 Devices (Please contact us for more information on capacity expansion.)
Database	PostqreSOL (Default), MssOLServer 2016 / 2019 / 2022, MySOL 8.0, 0racle 19c
Supported Os (64-bit only)	Windows Server 2012 / 2012 R2 / 2016 / 2019 / 2022, Windows 10 / 11
Supported Mainstream Browser	Edge 117.0+ / Chrome 117.0+ / Firefox 104.0+

Minimum Server Hardware Requirements

CPU	Dual Core Processor with Speed of 2.4 GHz or faster
RAM	8GB RAM available or above
Storage	100GB available space or above (We recommend using NTFS hard disk partition as the software installation directory.)
Display Resolution	1366 * 768 or above

Certifications

ISO / IEC 27001 : 2013, ISO / IEC 27701 : 2019, ISO9001, ISO20000.

Features

- Web-based Time Attendance Software
- Multiple Kinds of Shift Scheduling
- Employee Self-Service
- Auto Export of Attendance Report
- Meeting Management
- Mask & Body Temperature Detection
- Auto-synchronization of Biometric Templates by Area
- Security Settings
- Multiple Approval
- Attendance Calculation and Reports
- Multiple Languages Available
- Easy Integration with API
- E-mail Alert for Request Approval
- Overtime Calculation
- Visitor Management (Optional)
- Leave Balance
- Simple Access Control
- Database Backup and Restore
- Mobile Application
- Payroll Management

ZKBio Time Cloud

Powerful Cloud-Based Time and Attendance Management Platform

ZKBio Time Cloud is an innovative cloud-based time and attendance solution, taking usability, remote service, and SMB management to new heights. With Amazon Web Services (AWS), ZKBio Time Cloud offers stable and fast connections for both PC and smart device logins. Mobile services such as remote check-in or check-out, geo-fencing, T&A performance checking, leave application, and more functionsare available on the ZKBio Time Cloud app (available on IOS and Android). ZKBio Time Cloud promotes advanced and professional T&A functions for all corporations to enhance time and attendance efficency and improve employee performance.

Features

- Web Interface for Time and Attendance
- Flexible Schedules and Calendars
- Employee Session
- Request and Approval Alerts Via Email
- Automatic Export of Attendance Reports
- Attendance Report Calculation
- Schedules by Groups
- Real-Time Monitoring
- Security Settings
- Multiple Approvers
- Mobile App
- Overtime Report

Powerful Cloud-Based Time and Attendance Management Platform

ZKBio Time Cloud is a powerful cloud-based time and attendance management platform that provides a stable connection to ZKTeco's standalone push communication devices via Ethernet, Wi-Fi, GPRS, 3G, and LTE, and works as a cloud to offer employee self-service through mobile applications and web browsers. Multiple administrators can access ZKBio Time Cloud from anywhere with an internet connection. It can easily handle thousands of devices and tens of thousands of employees and their transactions.





ZKBio Zlink

Cloud-based Smart IoT Platform for Small and Medium-Sized Businesses (SMBs)

ZKTeco has developed the ZKBio Zlink, which uses Minerva IoT platform. It improves operational efficiency and connectivity, to meet the growing demand for digital transformation and cloud solutions.

As a cloud-based IoT platform, ZKBio Zlink is designed for small and medium-sized businesses (SMBs). ZKBio Zlink offers a comprehensive solution that enhances efficiency and simplifies operations by integrating access control, video intercom, time and attendance, and approval management into one unified platform. Furthermore, ZKBio Zlink is supported by a high-end, secure Amazon Web Services (AWS) cloud infrastructure and can be scaled up and down easily. It eliminates the need for substantial upfront IT investments, making it easy for SMBs to use.

ZKBio Zlink saves your time and effort, a smart solutions make your workplace more productive.

Configuration



Features

- Lightweight and Cloud-based Deployment
- Accessible via Web Portal & Mobile App
- Flexible Multi-Site Management
- Powerful Scenario Application Center
- Precise Roles-based Permissions
- Visual Statistics Dashboard

Time Attendance

- Flexible Shifts Settings
- Multiple Attendance Reports
- GPS-based Mobile Punch
- Customized Approval Template & Workflow Design
- Leave Type & Balance Management
- Multiple Scheduling

Access Control

- Access Level Settings
- One-Click Remote Unlocking
- Real-time Status and Events Monitoring
- Remain Unlocked Schedule

Video Intercom

- Two-way-Audio
- One-Click Remote Opening
- Real-time Video Preview
- Real-time Message Notification



ZKBio Partner

Digital Marketing & Service Platform for ZKTeco Partners

Connect & Empower | Grow with ZKBio Partner | Win the Future with Intelligence

- Product Library
- Solution Library
- Case Study & Share
- News & Videos
- Marketing Handouts
- FAQ WIKI
- Digital Business Card
- Quotation
- Device Config & Management
- AI Chatbot Support

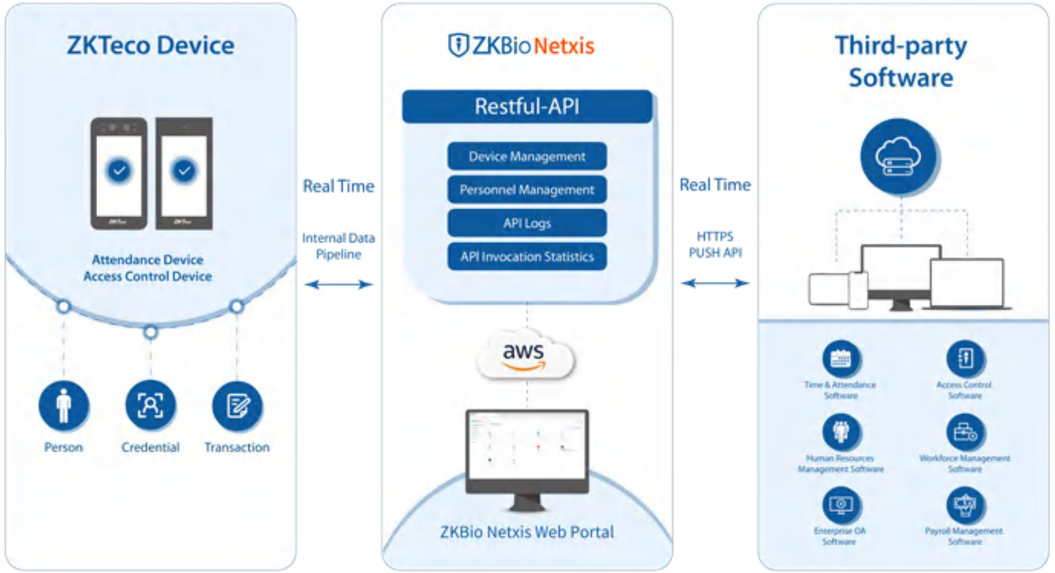


ZKBio Netxis

Cloud-Based Integration Platform, Simplify Device Connectivity

ZKBio Netxis is a cloud-based integration platform designed to simplify device connectivity and data management for businesses. It provides an efficient way to connect ZKTeco time and attendance devices or access control terminals to the cloud, manage real-time data, and integrate with existing business systems. With automated data processing and remote device management capabilities, ZKBio Netxis reduces operational costs, enhances security, and improves overall efficiency.

How it works?



Features

Seamless Device Integration and Rapid Cloud Connectivity

Supports the fast and direct onboarding of millions of devices to the cloud, enabling efficient management and system integration.

Streamlined Attendance Management

Integrate attendance systems via API to achieve unified and seamless management of attendance data, significantly improving statistical efficiency.

Advanced Access Control

Leverage ZKTeco's cutting-edge multimodal biometric technology for rapid API integration, delivering exceptional access control capabilities.

Real-Time Data Push via HTTPS

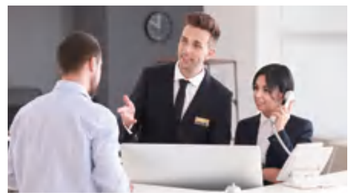
Adopts the HTTPS protocol to automatically push attendance data to third-party platforms, ensuring secure, instant, and reliable data synchronization between devices and third-party systems.

Application Scenario



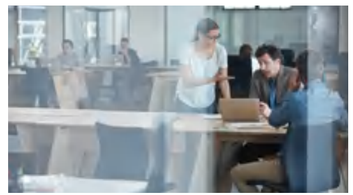
HRM Software Integration

Third-party HR and payroll systems interact with Netxis via API to retrieve attendance data, ensuring accurate time tracking and streamlined payroll.



Visitor Management

Visitor management systems use Netxis to access visitor and access control data, enabling automated check-in and improving efficiency and security.



Co-working Space Access

Workspace management tools integrate with Netxis to access occupancy and access data, supporting secure and efficient management of shared spaces.

Time & Attendance and Access Control Systems

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.



Standalone Terminal

Smart AC Terminal Series for Small Business







SenseFace Series

SIP-Ready Multi-Biometric Access Control Terminal with Video Intercom Capability

- Support Standard SIP Protocol for Video Intercom
- Multiple Credential Options (Face/ Fingerprint/ RFID/ QR Code/ Pincode)
- Water and Dust Proof Reached Up to IP65
- Multiple Size Options (4 Models)
- Support USB2.0 for Offline Communication
- Support BEST / PUSH Dual Communication Protocol(Configurable)
- Wi-Fi Compatiable
- Supports Zlink for Cloud-based Access Control and Time & Attendance Management
- Onboard RF Chips (433MHz) for Wireless Door Lock Usage
- Competitive Pricing

Model	SenseFace 2A	SenseFace 3A	SenseFace 3B	SenseFace 4A	SenseFace 4B	SenseFace 7A	SenseFace 7B
Appearance							
Display	2.4"@TFT Color LCD Screen (720 * 1280)	2.8"@TFT Color Touch LED Screen (240 * 320)		4.3"@TFT Color Touch LED Screen (272 * 480)		7"@TFT Color Touch LED Screen (600 * 1024)	
Camera	WDR Binocular Camera @ 1MP	WDR Binocular Camera @ 1MP		WDR Binocular Camera @ 1MP		WDR Binocular Camera @ 1MP	
Operation System	Linux	Linux		Linux		Linux	
Hardware	CPU: Dual Core@1GHz RAM: 512MB; ROM: 8GB; Speaker: 8ohm @1W Microphone: * 1 (Sensitivity: -32 dB / Omni-directional / Signal-to-Noise Ratio: -32 dB / Impedance: 2.2KΩ) Supplement Light: Yes Physical Keypad: 17 Keys Fingerprint Sensor: ZK Optical Sensor	CPU: Dual Core@1GHz RAM: 512MB; ROM: 8GB Speaker: 8ohm @1W Microphone: * 1 (Sensitivity: -42 dB / Omni-directional / Signal-to-Noise Ratio: 58 dB / Impedance: 2.2KΩ) Supplement Light: No Fingerprint Sensor: In-Glass Fingerprint (Z-ID)	/	CPU: Dual Core@1GHz RAM: 512MB; ROM: 8GB Speaker: 8ohm @1W Microphone: * 1 (Sensitivity: -42 dB / Omni-directional / Signal-to-Noise Ratio: 58 dB / Impedance: 2.2KΩ) Supplement Light: No Fingerprint Sensor: In-Glass Fingerprint (Z-ID)	/	CPU: Dual Core@1GHz RAM: 512MB; ROM: 8GB Speaker: 8 ohm@1 W Microphone: * 1 (Sensitivity: -32dB / Omni-directional / Signal-to-Noise Ratio: -32dB / Impedance: 2.2KΩ) Supplement Light: No Fingerprint Sensor: In-Glass Fingerprint (Z-ID)	/
Authentication Method	Fingerprint / Face / Card / Password (Physical Keypad)	Fingerprint / Face / Card / Password (Virtual Keypad)	Face / Card / Password (Virtual Keypad)	Fingerprint / Face / Card / Password (Virtual Keypad)	Face / Card / Password (Virtual Keypad)	Fingerprint / Face / Card / Password (Virtual Keypad)	Face / Card / Password (Virtual Keypad)
User Capacity	3,000 (1:N) (Standard)	6,000 (1:N) (Standard)		8,000 (1:N) (Standard)		50,000 (1:N) (Standard)	
Fingerprint Template Capacity	3,000 (1:N) (Standard)	6,000 (1:N) (Standard)	/	8,000 (1:N) (Standard)	/	10,000 (1:N) (Standard)	/
Face Template Capacity	1,500 (1:N) (Standard)	3,000 (1:N) (Standard)		6,000 (1:N) (Standard)		10,000 (1:N) (Standard)	
Card Capacity	3,000 (1:N) (Standard)	6,000 (1:N) (Standard)		8,000 (1:N) (Standard)		50,000 (1:N) (Standard)	
Transaction Capacity	150,000 (1:N) (Standard)	150,000 (1:N) (Standard)		200,000 (1:N) (Standard)		300,000 (1:N)	
Max. User Password Length	8 Digits	8 Digits		8 Digits		8 Digits	
Biometric Verification Speed	less than 0.5 sec (Fingerprint) less than 0.35 sec (Facial Authentication)	less than 0.5 sec (Fingerprint) less than 0.35 sec (Facial Authentication)	less than 0.35 sec (Facial Authentication)	less than 0.5 sec (Fingerprint) less than 0.35 sec (Facial Authentication)	less than 0.35 sec (Facial Authentication)	less than 0.5 sec (Fingerprint) less than 0.35 sec (Facial Authentication)	less than 0.35 sec (Facial Authentication)
Touchless Biometric Recognition Distance	30cm to 200cm (Facial Authentication)	30cm to 200cm (Facial Authentication)		30cm to 200cm (Facial Authentication)		30cm to 200cm (Facial Authentication)	
False Acceptance Rate (FAR) %	FAR ≤ 0.01% (Visible Light Facial Authentication) FAR ≤ 0.0001% (Fingerprint)	FAR ≤ 0.01% (Visible Light Facial Authentication) FAR ≤ 0.0001% (Fingerprint)	FAR ≤ 0.01% (Visible Light Facial Authentication)	FAR ≤ 0.01% (Visible Light Facial Authentication) FAR ≤ 0.0001% (Fingerprint)	FAR ≤ 0.01% (Visible Light Facial Authentication)	FAR ≤ 0.01% (Visible Light Facial Authentication) FAR ≤ 0.0001% (Fingerprint)	FAR ≤ 0.01% (Visible Light Facial Authentication)
False Rejection Rate (FRR) %	FRR ≤ 0.02% (Visible Light Facial Authentication) FRR ≤ 0.01% (Fingerprint)	FRR ≤ 0.02% (Visible Light Facial Authentication) FRR ≤ 0.01% (Fingerprint)	FRR ≤ 0.02% (Visible Light Facial Authentication)	FRR ≤ 0.02% (Visible Light Facial Authentication) FRR ≤ 0.01% (Fingerprint)	FRR ≤ 0.02% (Visible Light Facial Authentication)	FRR ≤ 0.02% (Visible Light Facial Authentication) FRR ≤ 0.01% (Fingerprint)	FRR ≤ 0.02% (Visible Light Facial Authentication)

Model	SenseFace 2A	SenseFace 3A	SenseFace 3B	SenseFace 4A	SenseFace 4B	SenseFace 7A	SenseFace 7B
Biometric Algorithm	ZKFace V4.0 ZKFingerprint V13.0 (Standard) / V10.0 (Optional)	ZKFace V4.0 ZKFingerprint V13.0 (Standard) / V10.0 (Optional)	ZKFace V4.0	ZKFace V4.0 ZKFingerprint V13.0 (Standard) / V10.0 (Optional)	ZKFace V4.0	ZKFace V4.0 ZKFingerprint V13.0 (Standard) / V10.0 (Optional)	ZKFace V4.0
Card Type	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional)	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional)		ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional)		ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional)	
Communication	TCP/IP * 1 Wi-Fi (IEEE802.11a/b/g/n/ac) @ 2.4 GHz (Optional) USB: Type A (USB Drive Only) * 1 Electric Lock * 1, Door Sensor * 1, Exit Button * 1	TCP/IP * 1 Wi-Fi (IEEE802.11b/g/n/ax) @ 2.4 GHz (Optional) Wiegand (Input or Output) * 1 RS485: ZKTeco RS485 * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 1, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, 12V Output * 1		TCP/IP * 1 Wi-Fi (IEEE802.11b/g/n/ax) @ 2.4 GHz (Optional) Wiegand (Input or Output) * 1 RS485: ZKTeco RS485 * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 1, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, 12V Output * 1		TCP/IP * 1 Wi-Fi (IEEE802.11b/g/n/ax) @ 2.4 GHz (Optional) Wiegand (Input or Output) * 1 RS485: ZKTeco RS485 * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 1, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, 12V Output * 1	
Standard Functions	ADMS, DST, Photo Capture, Event Photo Capture, Up to 14-digit User ID, Access Levels, Groups, Holidays, Record Query, Schedule Bell, Tamper Switch Alarm, Automatic Status Switch, Multiple Authentication Methods, SIP Client (Version 2.0), ONVIF (Compatible with Profile S, Profile T, Profile G, Profile C, Profile Q & Profile A), AC Push and TA Push Protocol Switch, HTTPs / SSH Backend Access, T9 Keyboard (Input)	ADMS, DST, Photo Capture, Event Photo Capture, Up to 14-digit User ID, Access Levels, Groups, Holidays, Anti-Passback, Record Query, Schedule Bell, Tamper Switch Alarm, Automatic Status Switch, Multiple AuthenticationMethods, SIP Client (Version 2.0), ONVIF (Compatible with Profile S, Profile T, Profile G, Profile C, Profile Q & Profile A), AC Push and TA Push Protocol Switch, HTTPs / SSH Backend Access, T9 Keyboard (Input)					
Optional Functions	IC Card, WiFi, Wireless Doorbell	IC Card, Wi-Fi, Wireless Doorbell		IC Card, Wi-Fi, Wireless Doorbell		IC Card, Wi-Fi, Wireless Doorbell	
Video Intercom	Video Intercom (ZKTeco Private Protocol via TCP/IP) Support Devices: Standalone Terminal: SenseFace Series Indoor Monitor: VT07-B01, VT07-B01-W	Video Intercom(ZKTeco Private Protocol via TCP/IP) Support Devices: Standalone Terminal: SenseFace Series Indoor Monitor: VT07-B01, VT07-B01-W		Video Intercom (ZKTeco Private Protocol via TCP/IP) Support Devices: Standalone Terminal: SenseFace Series Indoor Monitor: VT07-B01, VT07-B01-W		Video Intercom(ZKTeco Private Protocol via TCP/IP) Support Devices: Standalone Terminal: SenseFace Series Indoor Monitor: VT07-B01, VT07-B01-W	
	Video Intercom (Standard SIP Protocol) Support Devices: Standalone Terminal: SenseFace series Indoor Monitor: VT07-B22L, VT07-B 26L-W Software: ZKBio CVAccess, BioTalk Pro Mobile App: ZKBio Zlink, ZKBio Zexus	Video Intercom (Standard SIP Protocol) Support Devices: Standalone Terminal: SenseFace series Indoor Monitor: VT07-B22L, VT07-B26L-W Software: ZKBio CVAccess, BioTalk Pro Mobile App: ZKBio Zlink, ZKBio Zexus		Video Intercom (Standard SIP Protocol) Support Devices: Standalone Terminal: SenseFace series Indoor Monitor: VT07-B22L, VT07-B26L-W Software: ZKBio CVAccess, BioTalk Pro Mobile App: ZKBio Zlink, ZKBio Zexus		Video Intercom (Standard SIP Protocol) Support Devices: Standalone Terminal: SenseFace series Indoor Monitor: VT07-B22L, VT07-B26L-W Software: ZKBio CVSecurity, BioTalk Pro Mobile App: ZKBio Zlink, ZKBio Zexus	
Access Control Interface	/	RS485 (RS485 Card Reader / Biometric Reader)		RS485 (RS485 Card Reader / Biometric Reader)		RS485 (RS485 Card Reader / Biometric Reader)	
Power Supply	DC 12V 1.5A (Optional)	DC 12V 3A (Optional)		DC 12V 3A (Optional)		DC 12V 3A (Optional)	
Operating Temperature	-5℃ to 45℃	-5℃ to 45℃		-5℃ to 45℃		-5℃ to 45℃	
Operating Humidity	20% to 80% RH (Non-condensing)	10% to 90% RH (Non-condensing)		10% to 90% RH (Non-condensing)		10% to 90% RH (Non-condensing)	

Model	SenseFace 2A	SenseFace 3A	SenseFace 3B	SenseFace 4A	SenseFace 4B	SenseFace 7A	SenseFace 7B
Dimensions (L * W * H)	205.20mm * 74.19mm * 33.30mm	166mm * 63mm * 25mm		175mm * 84.50mm * 21.65mm		238mm * 115mm * 22.3mm	214mm * 115mm * 22.3mm
Net Weight	0.258Kg	0.185Kg		0.264Kg		0.622Kg	
Supported Software	On-Premise Software: ZKBio CVAccess (AC PUSH) / ZKBio Time (TA PUSH) Cloud-based Software: ZKBio Zlink (Supports Web Portal & Mobile App)	On-Premise Software: ZKBio CVAccess (AC PUSH) / ZKBio Time (TA PUSH) Cloud-based Software: ZKBio Zlink (Supports Web Portal & Mobile App)		On-Premise Software: ZKBio CVAccess (AC PUSH) / ZKBio Time (TA PUSH) Cloud-based Software: ZKBio Zlink (Supports Web Portal & Mobile App)		On-Premise Software: ZKBio CVSecurity (AC PUSH) / ZKBio Time (TA PUSH) Cloud-based Software: ZKBio Zlink (Supports Web Portal & Mobile App)	
Installation	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box)	Wall-mount (Compatible with Asian Gang Box / Single Gang Box		Wall-mount (Compatible with Asia Gang Box / Single Gang Box)		Wall-mount (Compatible with Asian Gang-box / Single Gang-Box)	
Housing Material	ABS Plastic	ABS Plastic		ABS Plastic		ABS Plastic	
Ingress Protection Rating	/	IP65 (waterproof and dustproof)		IP65 (waterproof and dustproof)		IP65 (waterproof and dustproof)	
Certifications	ISO14001, ISO9001,CE, FCC, RoHS	ISO14001, ISO9001,CE, FCC, RoHS		ISO14001, ISO9001, CE, FCC, RoHS		ISO14001, ISO9001, CE, FCC, RoHS	



SpeedFace Series

Linux-Based Hybrid-Biometric Access Control & Time and Attendance Terminal with Visible Light Facial Recognition

Support Standard SIP Protocol for Video Intercom

Multiple Credential Options (Face/ Fingerprint/ RFID/QR Code/ Pincode)

Water and Dust Proof Reached Up to IP65

Professional Access Control Interfaces

Support BEST/ PUSH Dual Communication Protocol (Configurable)

Wi-Fi Compatiable

Supports Zlink for Cloud-based Access Control and Time & Attendance Management

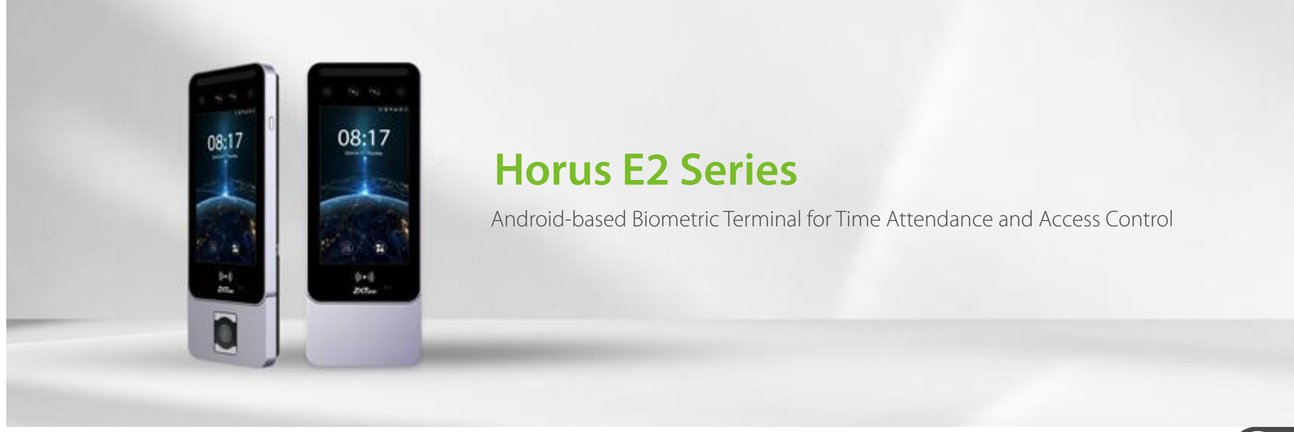
Model	F35	FaceDepot 4A	SpeedFace-V4L Pro	SpeedFace-V4L Pro-QR	SpeedFace-V4L Pro-RFID
Appearance					
Display	2.4"@ TFT Color LCD Screen (720 * 1280)	4.3"@ TFT Color Touch LED Screen (480 * 800)	4"@ TFT Color Touch LED Screen (480 * 800)		
Camera	Camera @ 2MP	Binocular Camera @ 2MP WDR	Binocular Camera @ 2MP	Binocular Camera @ 2MP	Binocular Camera @ 2MP
Operation System	Linux	Linux	Linux	Linux	Linux
Hardware	CPU: 1.2GHz Dual Core RAM: 256MB; ROM: 512MB Speaker: 8ohms±.20% @1.0W Microphone: * 1 (Sensitivity: -29 to -35 dB / Omni-directional / Signal-to-Noise Ratio: 58 dB / Impedance: 2.2 kΩ Fingerprint Sensor: In-Glass Fingerprint / Z-ID	CPU: Quad Core@1.2GHz RAM: 1GB; ROM: 8GB Speaker: 8 ohm @1 W Supplement Light: No Fingerprint Sensor: In-Glass Fingerprint	CPU: Dual Core@1GHz RAM: 1GB; ROM: 8GB Speaker: 8 ohm@1 W Microphone: * 1 (Sensitivity: -32dB / Omni-directional / Signal-to-Noise Ratio: 58dB / Impedance: 2.2kΩ)		
			Fingerprint Sensor: In-Glass Fingerprint (Z-ID)	/	/
Authentication Method	Fingerprint / Card / Password (Physical Touch Keypad)	Fingerprint / Face / Card / Password (Virtual Keypad)	Face / Fingerprint / Card / Password (Virtual Keypad)	Face / Scramble QR Code / Card / Password (Virtual Keypad)	Face / Card / Password (Virtual Keypad)
User Capacity	10,000 (1:N)	10,000 (1:N) (Standard)	6,000 (1:N) (Standard)	6,000 (1:N) (Standard)	6,000 (1:N) (Standard)
Fingerprint Template Capacity	10,000 (1:N)	10,000 (1:N) (Standard)	6,000 (1:N) (Standard)	/	/
Face Template Capacity	/	10,000 (1:N) (Standard)	6,000 (1:N) (Standard)	6,000 (1:N) (Standard)	6,000 (1:N) (Standard)
Palm Template Capacity	/	/	/	/	/
Card Capacity	10,000 (1:N)	10,000 (1:N) (Standard)	6,000 (1:N) (Standard)	6,000 (1:N) (Standard)	6,000 (1:N) (Standard)
Transaction Capacity	500,000	100,000 (1:N) (Optional for Capacity Expansion: 200,000)	200,000 (1:N)	200,000 (1:N)	200,000 (1:N)
Max. User Password Length	6 to 8 Digits	8 Digit	8 Digits	8 Digits	8 Digits
Biometric Verification Speed	less than 0.3 sec (Fingerprint)	less than 0.35 second (Facial Authentication) less than 0.5 second (Fingerprint Authentication)	less than 0.35 second (Facial Authentication) less than 0.5 second (Fingerprint Authentication)	less than 0.35 second (Facial Authentication)	less than 0.35 second (Facial Authentication)
Touchless Biometric Recognition Distance	/	30cm to 200cm @ Face	30cm to 170cm @Face	30cm to 170cm @Face	30cm to 170cm @Face
False Acceptance Rate (FAR) %	FAR≤0.0001%	FAR≤0.01% (Facial Authentication) FAR≤0.0001% (Fingerprint)	FAR≤0.01% (Visible Light Facial Authentication) FAR≤0.0001% (Fingerprint)	FAR≤0.01% (Visible Light Facial Authentication)	FAR≤0.01% (Visible Light Facial Authentication)

Model	F35	FaceDepot 4A	SpeedFace-V4L Pro	SpeedFace-V4L Pro-QR	SpeedFace-V4L Pro-RFID
False Rejection Rate (FRR) %	FRR≤0.01%	FRR≤0.02% (Facial Authentication) FRR≤0.01% (Fingerprint)	FRR≤0.02% (Visible Light Facial Authentication) FRR≤0.01% (Fingerprint)	FRR≤0.02% (Visible Light Facial Authentication)	FRR≤0.02% (Visible Light Facial Authentication)
Biometric Algorithm	ZKFingerprint V10.0	ZKFace V6.0 & ZKFingerprint V10.0	ZKFace V3.6 & ZKFinger V10.0	ZKFace V3.6	ZKFace V3.6
Card Type	IDCard@125 kHz (Standard) IC Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module1: ID & IC & DESFire EV1/EV2; (125 kHz & 13.56 MHz Dual Frequency) Module 2: ID & IC & DESFire EV1/EV2 & FeliCa & Legic & HID Prox (125 kHz & 13.56 MHz Dual Frequency) Module 3: ID & IC & DESFire EV1/EV2 & FeliCa & Legic & HID Prox & HID iClass (125 kHz & 13.56 MHz Dual Frequency)	ID Card@125 kHz (Optional) HID Prox@125 kHz (Optional) IC Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module1: ID & IC & DESFire EV1/EV2; (125 kHz & 13.56 MHz Dual Frequency)	ID Card@125 kHz (Optional) HID Prox@125 kHz (Optional) IC Card@13.56 MHz (Optional) Felica Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module1: ID & IC & DESFire EV1/EV2; (125 kHz & 13.56 MHz Dual Frequency		ID Card@125 kHz (Standard) HID Prox@125 kHz (Optional) IC Card@13.56 MHz (Optional) Felica Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module 1: ID & IC & DESFire EV1/EV2; (125 kHz & 13.56 MHz Dual Frequency)
QR Code	/	/	/	Dynamic QR codes on the ZKBio CVAccess Mobile Page, PDF417, Data Matrix, MicroPDF417, Aztec scanning in third-party development projects	/
Communication	TCP/IP * 1 Wi-Fi (IEEE802.11a/g/n) @ 2.4 GHz Wiegand (Input & Output) * 1 RS485: ZKTeco RS485 * 1 Aux Inputs * 1, Aux Outputs * 1, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, Alarm * 1, Doorbell * 1	TCP/IP * 1 Wi-Fi (IEEE802.11a/b/g/n/ac) @ 2.4 GHz/5G GHz Wiegand (Input & Output) * 1 RS485: ZKTeco RS485 * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 1, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, Alarm Output * 1	TCP/IP * 1 Wi-Fi (IEEE802.1a/b/g/n/ac) @ 2.4 GHz/5G GHz Bluetooth: BLE5.0 Wiegand (Input & Output) * 1 RS485: ZKTeco RS485 * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 1, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, Alarm output * 1, Wired Doorbell * 1		
Mobile Communication	/	LTE FDD: B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12 / B13 / B18 / B19 / B20 / B25 / B26 / B28 LTE TDD: B38 / B39 / B40 / B41 UMTS: B1 / B2 / B4 / B5 / B6 / B8 / B19 GSM: B2 / B3 / B5 / B8	/		
Standard Functions	Webserver, ADMS, DST, Up to 14-digit User ID, Access Levels, Groups, Holidays, Anti Passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods Video Door Phone, ONVIF (Compatible with Profile S, Profile T, Profile G, Profile C, Profile Q & Profile A), AC Push and TA Push, Protocol Switch, HTTPS / SSH Backend Access, T9 Keyboard (Input)	WorkCode, ADMS, DST, T9 Keyboard (Input), Photo Capture, Event Photo Capture, 14-digit User ID, Schedule Bell, Record Query, Tamper Switch Alarm, Photo ID, Multiple Verification Methods, External Printer, HTTPs/SSH Backend Access, 12V Output	ADMS, DST, 14-digit User ID, T9 Keyboard (Input), Photo Capture, Event Photo Capture, Record Query, Tamper Switch Alarm, Automatic Status Switch, Multiple Verification Methods, Anti-Passback, Wired Doorbell, Schedule Bell, HTTPs/SSH Backend Access, AC Push and TA Push Protocol Switch		
Optional Functions	ZSmart, SIP Client, Wi-Fi, IC Card, Multi-Tech Module: Module1 / Module2 / Module 3	Wi-Fi, 4G, Backup Battery, PoE	Wi-Fi, SRB, WorkCode, Video Door Phone, SIP Protocol, Wireless Doorbell		
Access Control Interface	RS485 (DM10 Controller 1 Door Expansion / RS485 Card Reader / Fingerprint Reader)	RS485 (RS485 Card Reader / Biometric Reader)	RS485 (RS485 Card Reader / Biometric Reader)		

Model	F35	FaceDepot 4A	SpeedFace-V4L Pro	SpeedFace-V4L Pro-QR	SpeedFace-V4L Pro-RFID
Power Supply	DC 12V 3A (Optional)	DC 12V 3A PoE: IEEE 802.3af Backup Battery	DC 12V 3A (Optional)		
Backup Battery	/	2000 mAh (Lithium Battery) Max. Operating Hours: 2 Hours Max. Standby Hours: 2 Hours Charging Time: 2.5 to 3 Hours	/		
Operating Temperature	-5℃ to 55℃ (23℉ to 131℉)	0℃ to 45℃	-5℃ to 45℃	-5℃ to 45℃	-5℃ to 45℃
Operating Humidity	10% to 90% RH (Non-condensing)	20% to 80% RH (Non-condensing)	10% to 90% RH (Non-condensing)	10% to 90% RH (Non-condensing)	10% to 90% RH (Non-condensing)
Dimensions (L * W * H)	195 mm * 75 mm * 25.35mm	193mm * 100mm * 32.40mm	183mm * 88mm * 20.5mm	183mm * 88mm * 20.5mm	183mm * 88mm * 20.5mm
Gross Weight	1.13Kg	0.447Kg	0.503kg	0.503kg	0.503kg
Net Weight	0.52Kg	0.402Kg	0.453kg	0.453kg	0.453kg
Supported Software	On-Premise Software: ZKBio CVAccess (AC PUSH) / ZKBio Time (TA PUSH) Mobile App: ZSmart (Optional)	On-Premise Software: ZKBioTime / ZKBio CVAccess (T&A Module)	On-Premise Software: ZKBio CVAccess (AC PUSH) / ZKBio Time (TA PUSH) Cloud-based Software: ZKBio Zlink (Supports Web Portal & Mobile App)		
Installation	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box)	Wall-mount	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box)	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box)	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box)
Housing Material	Aluminium Alloy	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
Ingress Protection Rating	IP65 (waterproof and dustproof) IK04 (Vandal Resistant)	/	IP65 (waterproof and dustproof)	IP65 (waterproof and dustproof)	IP65 (waterproof and dustproof)
Certifications	ISO14001, ISO9001,CE, FCC, RoHS	ISO14001, ISO9001, CE, FCC, RoHS	ISO14001, ISO9001,CE, FCC, RoHS	ISO14001, ISO9001,CE, FCC, RoHS	ISO14001, ISO9001,CE, FCC, RoHS

Model	SpeedFace-V5L	SpeedFace-V5L[QR]	SpeedFace-V5L-RFID	SpeedFace M4	SpeedPalm-V5L
Appearance					
Display	5"@ ISP Color LCD Screen (720 * 1280)			5"@ ISP Color LCD Touch Screen (720 * 1280)	5"@ ISP Color LCD Touch Screen (720 * 1280)
Camera	WDR Low Light Camera @ 2MP			WDR Low Light Camera @ 2MP	WDR Low Light Camera @ 2MP
Operation System	Linux			Linux	Linux
Hardware	CPU: 1.GHz Dual Core; RAM: 1GB; ROM: 8GB; Supplement Light: Yes; Virtual Keypad: 12Keys			1GHz Dual Core CPU 1G RAM / 8G Flash Adjustable LED Supplement Lighting Rain Cover (Optional)	CPU: 1GHz Dual Core; RAM: 1G; ROM: 8G; Supplement Light: Yes; Steady Green LED: Normal Status; Steady White LED: Authentication in Progress; Steady Red LED: Error / Fault; Steady Orange LED: Object nearby detected;
	Fingerprint Sensor: Z-ID	/	/		
Authentication Method	Face / Fingerprint / Palm (Optional) / Card / Password (Virtual Keypad)	Face / Scramble QR Code / Palm (Optional) / Card / Password (Virtual Keypad)	Face / Palm (Optional) / Card / Password (Virtual Keypad)	Face / Palm (Optional) / Card / Password (Virtual Keypad)	Face / Palm / Card / Password (Virtual Keypad)
User Capacity	10,000 (1:N) (Standard)	10,000 (1:N) (Standard)	10,000 (1:N) (Standard)	10,000 (1:N) (Standard)	10,000 (1:N)
Fingerprint Template Capacity	10,000 (1:N) (Standard)	/	/	/	/
Face Template Capacity	10,000 (1:N) (Standard)	10,000 (1:N) (Standard)	10,000 (1:N) (Standard)	10,000 (1:N) (Standard)	10,000 (1:N)
Palm Template Capacity	3,000 (Coming soon)	3,000 (Coming soon)	3,000 (Coming soon)	3,000 (Coming soon)	5,000 (1:N)
Card Capacity	10,000 (1:N) (Standard)	10,000 (1:N) (Standard)	10,000 (1:N) (Standard)	10,000 (1:N) (Standard)	10,000 (1:N)
Transaction Capacity	200,000 (1:N)	200,000 (1:N)	200,000 (1:N)	200,000 (Optional: 500,000)	200,000
Max. User Password Length	8 Digits	8 Digits	8 Digits	8 Digits	8 Digits
Biometric Verification Speed	less than 0.3 sec (Fingerprint) less than 1 sec (Facial Authentication)	less than 1 sec (Facial Authentication)	less than 1 sec (Facial Authentication)	less than 1 sec (Facial Authentication)	less than 1 sec (Facial Authentication) less than 0.35 sec (Palm Authentication)
Touchless Biometric Recognition Distance	1cm to 100cm (Facial Recognition)			1cm to 100cm (Facial Recognition)	1cm to 100cm (Facial Authentication) 5cm to 15cm (Palm Authentication)
False Acceptance Rate (FAR) %	FAR≤0.01% (Visible Light Facial Authentication) FAR≤0.0001% (Fingerprint; ZKFingerprint V10.0)	FAR≤0.01% (Visible Light Facial Authentication)	FAR≤0.01% (Visible Light Facial Authentication)	FAR≤0.01% (Visible Light Facial Authentication)	FAR≤0.01% (Visible Light Facial Authentication) FAR≤0.01% (Palm Authentication)
False Rejection Rate (FRR) %	FRR≤0.02% (Visible Light Facial Authentication) FRR≤0.01% (Fingerprint : ZKFingerprint V10.0)	FRR ≤ 0.02% (Visible Light Facial Authentication)	FRR ≤ 0.02% (Visible Light Facial Authentication)	FRR≤0.02% (Visible Light Facial Authentication)	FRR≤0.02% (Visible Light Facial Authentication) FRR≤0.17% (Palm Authentication)
Biometric Algorithm	ZKFace 3.6 ZKFingerprint V10.0	ZKFace 3.6	ZKFace 3.6	ZKFace 6.0	ZKFace V3.9 & PalmElite3.3.3

Model	SpeedFace-V5L	SpeedFace-V5L[QR]	SpeedFace-V5L-RFID	SpeedFace M4	SpeedPalm-V5L
Card Type	ID Card@125 kHz (Optional) IC Card@13.56 MHz (Optional) Felica Card@13.56 MHz (Optional) CEPAS(Optional) Optional Multi-Tech Module: Module 1: ID & IC & DESFire & FeliCa & HID Prox (125 kHz & 13.56 MHz Dual Frequency) Module 2: ID & IC & DESFire & FeliCa & HID Prox & HID iClass (125 kHz & 13.56 MHz Dual Frequency)	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional) Felica Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module 1: ID & IC & DESFire & FeliCa & HID Prox (125 kHz & 13.56 MHz Dual Frequency)	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional) Felica Card@13.56 MHz (Optional) Desfire Card@13.56 MHz (Optional) Optional Multi-Tech Module: Module 1: ID & IC & DESFire & FeliCa & HID Prox (125 kHz & 13.56 MHz Dual Frequency) Module 2: ID & IC & DESFire & FeliCa & HID Prox & HID iClass (125 kHz & 13.56 MHz Dual Frequency)	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional) HID Proxy Card@125 kHz (Optional) HID iClass Card@13.56 MHz (Optional) Felica Card@13.56 MHz (Optional) CEPAS(Optional) Legic (Optional)	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional)
QR Code	**By Camera:** Dynamic or Static QR codes on the ZKBio CVSecurity mobile application. QR code, PDF417, Data Matrix, MicroPDF417 and Aztec scanning in third-party development projects (Support QR500 / 600 Series)	**By QR Module:** Dynamic or Static QR codes on the ZKBio CVSecurity mobile application. QR Code, PDF417, Data Matrix, MicroPDF417, Aztec	**By Camera:** Dynamic or Static QR codes on the ZKBio CVSecurity mobile application. QR code, PDF417, Data Matrix, MicroPDF417 and Aztec	**By Camera:** Dynamic or Static QR codes on the ZKBio CVSecurity mobile application. QR code, PDF417, Data Matrix, MicroPDF417 and Aztec	/
Communication	TCP/IP * 1 Wi-Fi (IEEE802.1a/b/g/n/ac) @2.4GHz/5GHz(Optional) Wiegand (Input & Output) * 1 RS485: ZKTeco RS485 * 1 Aux Inputs * 1, Aux Outputs * 1, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, Alarm * 1, Doorbell * 1			TCP/IP * 1 Wi-Fi (IEEE802.1a/b/g/n/ac) @ 2.4 GHz / 5G GHz Wiegand (Input & Output) * 1 RS485: ZKTeco RS485 * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 1, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, Alarm output * 1	TCP/IP * 1 Wi-Fi (IEEE 802.1 a/b/g/n/ac) @2.4GHz / 5GHz Wiegand (Input or Output) * 1 RS485: ZKTeco RS485 * 1 Aux Inputs * 1, Aux Outputs * 1, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, Alarm * 1, Doorbell * 1
Mobile Communication	/			/	/
Standard Functions	ADMS, T9 Input, DST, 14-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verification Methods			ID Card, ADMS, DNS, T9 Input, DST, Camera, 9-digit User ID, Advance Access Control, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Bell Scheduling	ADMS, T9 Input, 14-digit User ID, Access Levels, Groups, Holidays, Antipassback, Record Query, Schedule Bell, Tamper Switch Alarm, Mask Detection ,Multiple Verification Methods, SIP 2.0 Protocol, AC Push and TA Push Protocol Switch
Optional Functions	SIP Client, Wi-Fi, IC Card, Multi-Tech Module: Module1 / Module2	Wi-Fi, IC Card, Multi-Tech Module: Module 1	Wi-Fi, IC Card, Multi-Tech Module: Module1/ Module2	IC / HID / Felica / Legic Card, POE (Optional, IEEE 802.3at-2009)	IC Card, ZSmart APP
Access Control Interface	RS485 (RS485 Card Reader / Biometric Reader)			RS485 (RS485 Card Reader / Biometric Reader)	RS485 (RS485 Card Reader / Biometric Reader)
Power Supply	DC 12V 3A			DC 12V 3A	DC 12V 3A (Optional)
Backup Battery	/			/	/
Operating Temperature	-10℃ to 45℃			-10℃ to 50℃	-10℃ to 45℃
Operating Humidity	10% to 90% RH (Non-condensing)			10% to 90% RH (Non-condensing)	10% to 90% RH (Non-condensing)
Dimensions (L * W * H)	91.93mm * 202.93mm * 21.5mm			103.83mm * 212.41mm * 50.60mm	227.3mm * 92.3mm * 24.5mm
Gross Weight	1.3Kg			1.54Kg	1.3Kg
Net Weight	0.6Kg			0.74Kg	0.62Kg
Supported Software	On-Premise Software: ZKBio CVAccess (AC PUSH) / ZKBio Time (TA PUSH) Cloud-based Software: ZKBio Zlink (Supports Web Portal & Mobile App)			On-Premise Software: ZKBio CVAccess (AC PUSH) / ZKBio Time (TA PUSH)	On-Premise Software: ZKBio CVSecurity (AC PUSH) /ZKBio CVAccess (AC PUSH) / ZKBio Time (TA PUSH) Mobile App: ZSmart (Optional)
Installation	Wall-mount (Compatible with Asia Gang Box / Single Gang Box)			Wall-mount (Compatible with Asia Gang Box / Single Gang Box)	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box)
Housing Material	Aluminium Alloy			Aluminium Alloy	Aluminium Alloy
Ingress Protection Rating	/			IP66	/
Certifications	ISO14001, ISO9001, CE, FCC, RoHS			ISO14001, ISO9001, CE, FCC, RoHS	ISO14001, ISO9001, CE, FCC, RoHS



Horus E2 Series

Android-based Biometric Terminal for Time Attendance and Access Control

Android 10.0 Operation System

Multiple Credential Options
(Face/RFID/ Fingerprint/QR Code/ Password)

Versatile Network Connectivity

Professional Access Control Interfaces

Modular Design

Backup Battery

Model	Horus E2	Horus E2-FP	Horus E2-QR	Horus E2-B
Appearance				
Display	5" @ TFT Color Touch LCD Screen (720*1280)			
Camera	Dual Camera @ 2MP			
Operation System	Android 10.0			
Hardware	CPU: Octa-core @ 2.0 GHz RAM: 2GB; ROM: 16GB Speaker: 7ohm @1.14W Sensitivity: -36 dB / Omni-directional / Signal-to-Noise Ratio: 60 dB / Impedance: 2.2KΩ Supplement Light: Yes			
Authentication Method	Face / Card / Password (Virtual Keypad) / Fingerprint (Optional) / QR Code (Optional)			
User Capacity	50,000	50,000	50,000	50,000
Face Template Capacity	30,000 (1:N)	30,000 (1:N)	30,000 (1:N)	30,000 (1:N)
Card Capacity	50,000 (1:N)	50,000 (1:N)	50,000 (1:N)	50,000 (1:N)
Fingerprint Template Capacity	/	30,000 (1:N)	/	/
Transaction Capacity	200,000	200,000	200,000	200,000
Max. User Password Length	8 Digits	8 Digits	8 Digits	8 Digits
Biometric Verification Speed	less than 1 sec (Facial Authentication)	less than 0.5 sec (Fingerprint) less than 1 sec (Facial Authentication)	less than 1 sec (Facial Authentication)	less than 1 sec (Facial Authentication)
Touchless Biometric Recognition Distance	30 cm to 100 cm (Facial Authentication)			
False Acceptance Rate (FAR) %	FAR≤0.01% (Visible Light Facial Authentication)	FAR≤ 0.01% (Visible Light Facial Authentication) FAR≤ 0.0001% (Fingerprint)	FAR≤0.01% (Visible Light Facial Authentication)	FAR≤0.01% (Visible Light Facial Authentication)
False Rejection Rate (FRR) %	FRR ≤ 0.02% (Visible Light Facial Authentication)	FRR ≤ 0.02% (Visible Light Facial Authentication) FRR≤ 0.01% (Fingerprint)	FRR ≤ 0.02% (Visible Light Facial Authentication)	FRR ≤ 0.02% (Visible Light Facial Authentication)
Biometric Algorithm	ZKFace VX5622	ZKFace VX5622 / ZKFinger VX10.0	ZKFace VX5622	ZKFace VX5622
Card Type	ID Card@125 kHz & IC Card@13.56 MHz (Standard)			
Communication	TCP/IP*1 Wi-Fi (IEEE 802.11 ac/a/b/g/n) @ 2.4 GHz & 5G GHz Bluetooth: BLE 4.1 Wiegand (Input & Output)*1 RS485: ZKTeco RS485 *1 Aux Inputs *1, Electric Lock*1, Door Sensor*1, Exit Button*1, Alarm*1			

Model	Horus E2	Horus E2-FP	Horus E2-QR	Horus E2-B
Mobile Communication	Support 4G, Support GSM / WCDMA / TDSCDMA / LTE / TDD GSM4, W (B1 / 2 / 4 / 5 / 8) ;TD (34 / 39) PRX (1 / 2 / 3 / 4 / 5 / 7 / 8 / 12 / 17 / 20 / 28AB / 34 / 38 / 39 / 40 / 41) DRX (1 / 2 / 3 / 4 / 5 / 7 / 8 / 12 / 17 / 20 / 38 / 39 / 40 / 41)			
Standard Functions	ADMS, Photo Capture, Event Photo Capture, Holidays, Anti-Passback, Schedule Bell, Record Query, Tamper Switch Alarm, Multiple Authentication Methods, AC Push and TA Push Protocol Switch, T9 Keyboard (Input)			
Access Control Interface	RS485 (RS485 Card Reader / Biometric Reader) Coming soon			
Power Supply	DC 12V 3A			
Backup Battery	/	/	/	3,200mAh (Lithium Battery)
Operating Temperature	-10℃ to 45℃			
Operating Humidity	0% to 80% RH (Non-condensing)			
Dimensions (L* W * H)	171.6mm * 82mm * 24.5mm (L*W*H)	216mm * 82mm * 24.5mm (L*W*H)		
Net Weight	0.39 Kg	0.46 Kg		
Supported Software	Software: ZKBio Time / ZKBio CVAccess Mobile Application: ZKBio Zexus			
Installation	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box			
Certifications	ISO14001, ISO9001, CE, FCC, RoHS			

Model	MK2-H / MK2-V
Appearance	
Display	N/A
Camera	N/A
FOV	N/A
Operation System	N/A
Hardware	N/A
Authentication Method	Card / Passcode / PIN code Password (Physical Keypad)
User Capacity	10,000 (1:N) (Standard)
Card Capacity	10,000 (1:N) (Standard)
Fingerprint Template Capacity	N/A
Transaction Capacity	N/A
Max. User Password Length	4 to 6 Digits
Biometric Verification Speed	N/A
False Acceptance Rate (FAR) %	N/A
False Rejection Rate (FRR) %	N/A
Biometric Algorithm	N/A

Model	MK2-H / MK2-V
Card Type	IDCard @ 125kHz (Standard) IC Card @ 13.56MHz (Optional)
Communication	Wiegand Input*1 & Wiegand Output*1 Electric Lock*1, Door Sensor*1, Exit Button*1, Doorbell*1,Alarm*1
Standard Functions	Access Control, Buzzer, Multiple Verification Methods, LED status indicators: Orange: Programming Green: Verification successful Red: Standby ,Verification Fail 3 Beeps Operation Error: 3 Beeps ; No Indicator
Optional Functions	N/A
Power Supply	DC 12V 0.15A
Operating Temperature	-40℃ to 60℃
Operating Humidity	10% to 90% RH (Non-condensing)
Dimensions	MK2-H: 117 mm*70 mm*22 mm (L*W*H) MK2-V: 132 mm*55 mm*25 mm (L*W*H)
Gross Weight	MK2-H: 0.361Kg MK2-V: 0.333 Kg
Net Weight	MK2-H: 0.302Kg MK2-V: 0.283 Kg
Supported Software	N/A
Installation	Wall-mount
Housing Material	Zinc Alloy
Ingress Protection Rating	IP66 (waterproof and dustproof)
Certifications	ISO14001, ISO9001, CE, RoHS

Model	X100 / X101
Appearance	 
Display	N/A
Camera	N/A
FOV	N/A
Operation System	N/A
Hardware	N/A
Authentication Method	Fingerprint / Card / Password (Physical Touch Keypad)
User Capacity	10,500 (1:N) (Standard)
Card Capacity	10,000 (1:N) (Standard)
Fingerprint Template Capacity	500 (1:N) (Standard)
Transaction Capacity	N/A
Max. User Password Length	Support 4 to 10 Digit number (Factory Default: 4 digits)
Biometric Verification Speed	less than 0.3 sec (Fingerprint)
False Acceptance Rate (FAR) %	FAR ≤ 0.0001%
False Rejection Rate (FRR) %	FRR ≤ 0.01%
Biometric Algorithm	N/A

Model	X100 / X101
Card Type	ID Card @125 kHz (Standard) IC Card @13.56 MHz (Optional)
Communication	Wiegand (26-44bits Input/ Output)*1 Electric Lock*1, Door Sensor*1, Exit Button*1, Doorbell*1
Standard Functions	Access Control, Buzzer, Multiple Verification Methods, LED status indicators: Orange: Programming Green: Verification successful Red: Standby ,Verification Fail 3 Beeps Operation Error: 3 Beeps ; No Indicator
Power Supply	DC 12V 0.15A
Operating Temperature	-25°C to 60°C
Operating Humidity	10% to 90% RH (Non-condensing)
Dimensions	X100: 140mm* 45mm* 15mm (L*W*H) X101: 115mm* 70 mm* 15mm (L*W*H)
Gross Weight	X100: 0.21Kg X101: 0.23Kg
Net Weight	X100: 0.105Kg X101: 0.140Kg
Supported Software	N/A
Installation	Wall-mount
Housing Material	ABS
Ingress Protection Rating	IP66 (waterproof and dustproof)
Certifications	ISO14001, ISO9001, CE, RoHS



Controller

Professional Biometric Access Control Panel

Model	InBioPC 400	InBioPC 800	DE10
Appearance			
Authentication Method	Card / Password / Fingerprint / QR code		NA (All Capacity Available on the Primary Controller)
Access Point Capacity	Onboard Access Point: 0 Max Access Point: 4 (with DE10 Door Unit)	Onboard Access Point: 0 Max Access Point: 8 (with DE10 Door Unit)	Onboard Access Point: 1
Fingerprint Template Capacity	4,000 (1:N) (Standard)		NA (All Capacity Available on the Primary Controller)
Card Capacity	40,000 (1:N) (Standard)		NA (All Capacity Available on the Primary Controller)
QR Code Capacity	40,000 (QR Code and Dynamic QR Code)		NA (All Capacity Available on the Primary Controller)
User Capacity	40000		NA (All Capacity Available on the Primary Controller)
Transaction Capacity	200,000 (Standard)		NA (All Capacity Available on the Primary Controller)
Number of Inputs	1 *AUX Inputs, 1*FIRE		1* AUX Input, 1*Door Status, 1*Exit Button, 1*Tamper 2*Wiegand Input, 1*RS485
Number of Outputs	1* Form C Relay for Aux Output 1* Form C Relay for Alarm		1* Form C Relay for Lock 1* Form C Relay for AUX Output
Supported Biometric Algorithm	ZKFingerprint V10.0		NA (All Capacity Available on the Pimary Controller)
Max. Card Length	Supports up to 66 bits Card Length		Supports up to 66 bits Card Length (Available on the Pimary Controller)
QR Code	Dynamic QR codes on the ZKBio CVSecurity mobile application QR code		Dynamic QR codes on the ZKBio CVSecurity mobile application QR code (Available on the Pimary Controller)
Communication	TCP/IP *1 WiFi(IEEE802.11b/g/n/, 1T1R @ 2.4 GHz) (WiFi only for webserver access)		TCP/IP*1 RS485: ZKTeco RS485*1 Wiegand (Input)*1 Aux Inputs *1, Aux Outputs *1, Electric Lock*1, Door Sensor*1, Exit Button*1, Tamper*1
Standard Functions	Webserver, Upto 14-digit User ID, Access Levels, Access Groups, Holidays, Anti-passback, Anti-tailgating, Linkage, Global Linkage, Multiple Verification Methods		Access control Expansion

Model	InBioPC 400	InBioPC 800	DE10
Verification Speed	less than 0.3 sec (Fingerprint)		NA (All Capacity Available on the Primary Controller)
Power Supply	Power Input: AC 100V~240V Power Ouput: POE (IEEE802.3at@PSE@30W ouput)*4,	Power Input: AC 100V~240V Power Ouput: POE (IEEE802.3at@PSE@30W ouput)*8,	Power Input: POE@IEEE802.3at Power Output: < DC 12V 1A
Operating Temperature	0℃ to 45℃		0℃ to 45℃
Dimensions	440 mm*180 mm*45 mm (L*W*H) (Standard 1U Server Rack Size)	440 mm*180 mm*45 mm (L*W*H) (Standard 1U Server Rack Size)	170 mm*100 mm*25 mm (L*W*H)
Gross Weight	2.725Kg	2.825Kg	
Net Weight	2.079Kg	2.179Kg	
Supported Software	Software: ZKBio CVSecurity		Software: ZKBio CVSecurity
Installation	Supported Rack-mount (Compatabile with Standard Server Rack)/ Wall-mount /Desktop		Wall-mount
Enclosure (Optional)	NA		NA
Housing Material	SGCC		Aluminium Alloy
Certifications	ISO14001, ISO9001, CE, FCC, RoHS		ISO14001, ISO9001, CE, FCC, RoHS
Factory ID	AC02-CB604H-16	AC02-CB608H-16	AC02-EX0101H-P01

InBio Pro Plus Series

IP-Based Biometric Access Control Panel



InBio Pro Plus Series is a project oriented, high-end product line with distinctive features, including embedded facial and fingerprint authentication, as well as advanced access control functions. Equipped with TCP/IP, it enables robust remote management and connectivity over local (LAN) and wide area networks (WAN), enhancing deployment flexibility and scalability.

- Up to 3,000 face templates
- Up to 20,000 fingerprint templates
- Up to 100,000 card users
- Up to 100,000 Dynamic QR code capacity
- Communication TCP/IP support HTTP/HTTPS
- Enhanced Security with Dynamic QR Code
- Fully compatible with ZKBio CVSecurity
- Reduce Maintenance Cost allows for remote online firmware updates by ZKBio CVSecurity

Model	InBio160 Pro Plus	InBio260 Pro Plus	InBio460 Pro Plus
Appearance			
Operation System	Linux OS	Linux OS	Linux OS
Hardware	CPU: Single Core@1.0GHz RAM: 128MB; ROM: 256MB	CPU: Single Core@1.0GHz RAM: 128MB; ROM: 256MB	CPU: Single Core@1.0GHz RAM: 128MB; ROM: 256MB
Authentication Method	Card / Password / Fingerprint / Face / QR Code	Card / Password / Fingerprint / Face / QR Code	Card / Password / Fingerprint / Face / QR Code
Access Point Capacity	1 Access Point	2 Access Points	4 Access Points
Reader Capacity	2 * RS-485 Readers (ZKTeco RS-485 / OSDP), 2 * 26 / 34 / 66 bit Wiegand Readers	4 * RS-485 Readers (ZKTeco RS-485 / OSDP), 4 * 26 / 34 / 66-bit Wiegand Readers	8 * RS-485 Readers (ZKTeco RS-485 / OSDP), 4 * 26 / 34 / 66-bit Wiegand Readers
IO Expansion Board Capacity	8pcs EX0808 (RS-485 connection)	8pcs EX0808 (RS-485 connection)	8pcs EX0808 (RS-485 connection)
User Capacity	100,000	100,000	100,000
Card Capacity	100,000 (1:N) (Standard)	100,000 (1:N) (Standard)	100,000 (1:N) (Standard)
Fingerprint Template Capacity	20,000 (1:N) (Standard)	20,000 (1:N) (Standard)	20,000 (1:N) (Standard)
Face Template Capacity	3,000 (1:N) (Standard)	3,000 (1:N) (Standard)	3,000 (1:N) (Standard)
QR Code Capacity	100,000 (Static QR Code / Dynamic QR Code)	100,000 (Static QR Code / Dynamic QR Code)	100,000 (Static QR Code / Dynamic QR Code)
Transaction Capacity	500,000 (Standard)	500,000 (Standard)	500,000 (Standard)
Number of Inputs	1 * Exit Button, 1 * Door Status, 1 * AUX Inputs or 64 (with 8pcs of EX0808 IO expansion board)	2 * Exit Button, 2 * Door Status, 2 * AUX Inputs or 64 (with 8pcs of EX0808 IO expansion board)	4 * Exit Button, 4 * Door Status, 4 * AUX Inputs or 64 (with 8pcs of EX0808 IO expansion board)
Number of Outputs	1 * Form C Relay for Lock, 1 * Form C Relay for Aux Output or 64 (with 8pcs of EX0808 IO expansion board)	2 * Form C Relay for Lock, 2 * Form C Relay for Aux Output or 64 (with 8pcs of EX0808 IO expansion board)	4 * Form C Relay or Lock, 4 * Form C Relay for Aux Output or 64 (with 8pcs of EX0808 IO expansion board)
Max. Card Length	Supports up to 66 bits Card Length	Supports up to 66 bits Card Length	Supports up to 66 bits Card Length

Model	InBio160 Pro Plus	InBio260 Pro Plus	InBio460 Pro Plus
QR Code	PDF417, Data Matrix, MicroPDF417, Aztec scanning in third-party development projects. Dynamic QR codes on the ZKBio CVSecurity mobile application		
Communication	TCP/IP * 1 RS-485: ZKTeco RS-485 / OSDP (Optional) * 1 Wiegand (Input & Output) * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 1, Aux Outputs * 1, Electric Lock * 1, Door Sensor * 1, Exit Button * 1, Alarm * 1	TCP/IP * 1 RS-485: ZKTeco RS-485 / OSDP (Optional) * 1 Wiegand (Input & Output) * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 2, Aux Outputs * 2, Electric Lock * 2, Door Sensor * 2, Exit Button * 2, Alarm * 2	TCP/IP * 1 RS-485: ZKTeco RS-485 / OSDP (Optional) * 1 Wiegand (Input & Output) * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 4, Aux Outputs * 4, Electric Lock * 4, Door Sensor * 4, Exit Button * 4, Alarm * 4
Standard Functions	Webserver, Upto 14-digit User ID, Access Levels, Access Groups, Holidays, Anti-passback, Linkage, Global Linkage, Multiple Verification Methods		
Access Control Interface	Wiegand (Card Reader) RS-485 (RS-485 Card Reader / Fingerprint Reader / Facial Recognition Reader / QR code Reader)		
Power Supply	9.6V - 14.4V DC	9.6V - 14.4V DC	9.6V - 14.4V DC
Operating Temperature	0℃ to 45℃	0℃ to 45℃	0℃ to 45℃
Operating Humidity	20% to 80% RH (Non-condensing)	20% to 80% RH (Non-condensing)	20% to 80% RH (Non-condensing)
Dimensions(L * W * H)	175mm * 99mm * 19.3mm	175mm * 99mm * 19.3mm	215.88mm * 99.14mm * 19.3mm
Gross Weight	1.004Kg	1.037Kg	1.098Kg
Net Weight	0.390Kg	0.422Kg	0.494Kg
Supported Software	ZKBio CVSecurity	ZKBio CVSecurity	ZKBio CVSecurity
Installation	Supported DIN35 Rail / Wall-mount / Metal Enclosure (Optional)	Supported DIN35 Rail / Wall-mount / Metal Enclosure (Optional)	Supported DIN35 Rail / Wall-mount / Metal Enclosure (Optional)
Enclosure (Optional)	Size: 350mm * 90mm * 300mm (L * W * H) Material: SPCC steel Power Supply Unit: input 110V~240V AC,output 12V 2A;1A DC Backup Battery: Space reserved [Backup Battery Recommended size: 151mm * 94mm * 65mm (L * W * H)] Gross Weight: 3.57Kg	Size: 350mm * 90mm * 300mm (L * W * H) Material: SPCC steel Power Supply Unit: input 110V~240V AC,output 12V 4A+1A DC Backup Battery: Space reserved [Backup Battery Recommended size: 151mm * 94mm * 65mm (L * W * H)] Gross Weight: 3.57Kg	Size: 350mm * 90mm * 300mm (L * W * H) Material: SPCC steel Power Supply Unit: input 110V~240V AC,output 12V 4A+1A DC Backup Battery: Space reserved [Backup Battery Recommended size: 151 mm * 94mm * 65 mm(L * W * H)] Gross Weight: 3.77Kg
Certifications	ISO14001, ISO9001, CE, FCC, RoHS	ISO14001, ISO9001, CE, FCC, RoHS	ISO14001, ISO9001, CE, FCC, RoHS
Factory ID	AC02-CB11H-U10	AC02-CB12H-U10	AC02-CB14H-U10



C3 Plus Series

IP-based Door Controller

Access points capacity
1 / 2 / 4 Access Points

Multiple Authentication Methods
(RFID Cards / Dynamic QR Code / Password)

Supports 100,000 QR
Code capacity

Supports 100,000 RFID
card capacity

Features ZKTeco's RS-485 protocols and OSDP (Ver 2.1.7) for connecting card readers

Highly versatile with Wiegand interfaces (Input) for integrating with third party card reader equipped with Wiegand interface

Supports the I/O expansion board EX0808 with 8 inputs and 8 outputs

Supports firmware protocol access control push and compatible with ZKBio CVAccess

Model	C3-100 Plus	C3-200 Plus	C3-400 Plus
Appearance			
Operation System	Linux OS	Linux OS	Linux OS
Hardware	CPU: Single Core@1.0GHz RAM: 128MB; ROM:256MB	CPU: Single Core@1.0GHz RAM: 128MB; ROM:256MB	CPU: Single Core@1.0GHz RAM: 128MB; ROM:256MB
Authentication Method	Card / Password / QR Code	Card / Password / QR Code	Card / Password / QR Code
Access Point Capacity	1 Access Point	2 Access Points	4 Access Points
Reader Capacity	2 * RS-485 Readers (ZKTeco RS-485 / OSDP) 2 * 26/34/66 bit Wiegand Readers	4 * RS-485 Readers (ZKTeco RS-485 / OSDP) 4 * 26/34/66-bit Wiegand Readers	8 * RS-485 Readers (ZKTeco RS-485 / OSDP) 4 * 26/34/66-bit Wiegand Readers
IO Expansion Board Capacity	8pcs EX0808 (RS-485 connection)	8pcs EX0808 (RS-485 connection)	8pcs EX0808 (RS-485 connection)
User Capacity	100,000	100,000	100,000
Card Capacity	100,000(1:N) (Standard)	100,000(1:N) (Standard)	100,000(1:N) (Standard)
Fingerprint Template Capacity	/	/	/
Face Template Capacity	/	/	/
QR Code Capacity	100,000 (Static QR Code / Dynamic QR Code)	100,000 (Static QR Code / Dynamic QR Code)	100,000 (Static QR Code / Dynamic QR Code)
Transaction Capacity	500,000 (Standard)	500,000 (Standard)	500,000 (Standard)
Number of Inputs	1 * Exit Button, 1 * Door Status, 1 * AUX Inputs or 64 (with 8pcs of EX0808 IO expansion board)	2 * Exit Button, 2 * Door Status, 2 * AUX Inputs or 64 (with 8pcs of EX0808 IO expansion board)	4 * Exit Button, 4 * Door Status, 4 * AUX Inputs or 64 (with 8pcs of EX0808 IO expansion board)
Number of Outputs	1 * Form C Relay for Lock, 1 * Form C Relay for Aux Output or 64 (with 8pcs of EX0808 IO expansion board)	2 * Form C Relay for Lock, 2 * Form C Relay for Aux Output or 64 (with 8pcs of EX0808 IO expansion board)	4 * Form C Relay or Lock, 4 * Form C Relay for Aux Outpu tor 64 (with 8pcs of EX0808 IO expansion board)
Max. Card Length	Supports up to 66 bits Card Length	Supports up to 66 bits Card Length	Supports up to 66 bits Card Length
QR Code	QR code, PDF417, Data Matrix, MicroPDF417, Aztec scanning in third-party development projects. Dynamic QR codes on the ZKBio CVAccess mobile application.		

Model	C3-100 Plus	C3-200 Plus	C3-400 Plus
Communication	TCP/IP * 1 RS-485: ZKTeco RS-485/OSDP * 1 Wiegand (Input) * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 1, Aux Outputs * 1 Electric Lock * 1, Door Sensor * 1 Exit Button * 1, Alarm * 1	TCP/IP * 1 RS-485: ZKTeco RS-485/OSDP * 1 Wiegand (Input) * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 2, Aux Outputs * 2 Electric Lock * 2, Door Sensor * 2 Exit Button * 2, Alarm * 2	TCP/IP * 1 RS-485: ZKTeco RS-485/OSDP * 1 Wiegand (Input) * 1 USB: Type A (USB Drive Only) * 1 Aux Inputs * 4, Aux Outputs * 4 Electric Lock * 4, Door Sensor * 4 Exit Button * 4, Alarm * 4"
Standard Functions	Webserver, Upto 14-digit User ID, Access Levels, Access Groups, Holidays, Anti-passback, Linkage, Global Linkage, Multiple Verification Methods		
Access Control Interface	Wiegand (Card Reader) RS485 (RS-485 Card Reader / QR Code Reader)	Wiegand (Card Reader) RS485 (RS-485 Card Reader / QR Code Reader)	Wiegand (Card Reader) RS485 (RS-485 Card Reader / QR Code Reader)
Power Supply	9.6V- 14.4V DC	9.6V- 14.4V DC	9.6V- 14.4V DC
Operating Temperature	0℃ to 45℃	0℃ to 45℃	0℃ to 45℃
Operating Humidity	20% to 80% RH (Non-condensing)	20% to 80% RH (Non-condensing)	20% to 80% RH (Non-condensing)
Dimensions(L * W * H)	175mm * 99mm * 19.3 mm	175mm * 99 mm * 19.3mm	215.88mm * 99.14mm * 19.3mm
Gross Weight	0.263Kg	0.296Kg	0.357Kg
Net Weight	0.158Kg	0.190Kg	0.252Kg
Supported Software	ZKBio CVAccess	ZKBio CVAccess	ZKBio CVAccess
Installation	Supported Wall-mount / Metal Enclosure (Optional)	Supported Wall-mount / Metal Enclosure (Optional)	Supported Wall-mount / Metal Enclosure (Optional)
Enclosure (Optional)	Size: 350mm * 90mm * 300mm (L * W * H) Material: SPCC steel Power Supply Unit: input 110V~240V AC,output 12V 4A+1A DC Backup Battery: Space reserved (Recommend size: 151mm * 94mm * 65mm (L * W * H) Gross Weight: 3.35Kg	Size: 350mm * 90mm * 300 mm (L * W * H) Material: SPCC steel Power Supply Unit: input 110V~240V AC,output 12V 4A+1A DC Backup Battery: Space reserved (Recommend size: 151mm * 94 mm * 65 mm (L * W * H) Gross Weight: 3.35Kg	Size: 350mm * 90mm * 300mm (L * W * H) Material: SPCC steel Power Supply Unit: input 110V~240V AC,output 12V 4A+1A DC Backup Battery: Space reserved (Recommend size: 151mm * 94 mm * 65 mm (L * W * H) Gross Weight: 3.56Kg
Certifications	ISO14001, ISO9001, CE, FCC, RoHS	ISO14001, ISO9001, CE, FCC, RoHS	ISO14001, ISO9001, CE, FCC, RoHS
Factory ID	AC02-C11H-U10	AC02-C12H-U10	AC02-C14H-U10



Reader

Professional RFID and Biometric Reader

Model	KR901	KR901S	KR902	KR902S	KR903	KR904
Appearance						
Hardware	Physical Keypad: N/A RFID Module:ID & IC Tamper Switch: Support	Physical Keypad: N/A RFID Module:ID & IC Tamper Switch:Support	Physical Keypad: 12keys RFID Module:ID & IC Tamper Switch:Support	Physical Keypad: 12keys RFID Module:ID & IC Tamper Switch:Support	Physical Keypad: N/A RFID Module:ID & IC Tamper Switch:Support	Physical Keypad: 12keys RFID Module:ID & IC Tamper Switch:Support
Authentication Method	Card	Card	Card / Password	Card / Password	Card	Card / Password
Card Type	ID Card@125 kHz & IC Card@13.56 MHz (Standard)	ID Card@125 kHz & IC Card@13.56 MHz (Standard)	ID Card@125 kHz & IC Card@13.56 MHz (Standard)	ID Card@125 kHz & IC Card@13.56 MHz (Standard)	ID Card@125 kHz & IC Card@13.56 MHz (Standard)	ID Card@125 kHz & IC Card@13.56 MHz (Standard)
Verification Speed	< 0.3s @ Card					
Recognition Distance	< 4cm @ Card					
Communication	Wiegand output only (W34/66) Or RS485(ZK-RS485/ OSDP) & Wiegand output(W34/66) Note: Support Wiegand format switching (Default: W34)	Wiegand output only (W34/66) Or RS485(ZK-RS485/ OSDP) & Wiegand output(W34/66) Note: Support Wiegand format switching (Default: W34)	Wiegand output only (W34/66) Or RS485(ZK-RS485/ OSDP) & Wiegand output(W34/66) Note: Support Wiegand format switching (Default: W34)	Wiegand output only (W34/66) Or RS485(ZK-RS485/ OSDP) & Wiegand output(W34/66) Note: Support Wiegand format switching (Default: W34)	Wiegand output only (W34/66) Or RS485(ZK-RS485/ OSDP) & Wiegand output(W34/66) Note: Support Wiegand format switching (Default: W34)	Wiegand output only (W34/66) Or RS485(ZK-RS485/ OSDP) & Wiegand output(W34/66) Note: Support Wiegand format switching (Default: W34)
Visual Indicator	LED Indicators Power On: Blue = standby Status: Green = Verification successful Red = Verification failed	LED Indicators Power On: Blue = standby Status: Green = Verification successful Red = Verification failed	LED Indicators Power On: Blue = standby Status: Green = Verification successful Red = Verification failed	LED Indicators Power On: Blue = standby Status: Green = Verification successful Red = Verification failed	LED Indicators Power On: Blue = standby Status: Green = Verification successful Red = Verification failed	LED Indicators Power On: Blue = standby Status: Green = Verification successful Red = Verification failed
Audio Indicator	Buzzer	Buzzer	Buzzer	Buzzer	Buzzer	Buzzer
Tamper Switch	Support	Support	Support	Support	Support	Support
Operating Environment	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Power Supply	9V~12V DC	9V~12V DC	9V~12V DC	9V~12V DC	9V~12V DC	9V~12V DC
Operating Temperature	-20℃ to 60℃	-20℃ to 60℃	-20℃ to 60℃	-20℃ to 60℃	-20℃ to 60℃	-20℃ to 60℃
Operating Humidity	10%-90%	10%-90%	10%-90%	10%-90%	10%-90%	10%-90%
Dimensions (L * W * H)	110 * 44.5 * 20.5mm	123 * 76 * 31mm	110 * 44.5 * 20.5mm	123 * 76 * 31mm	86 * 86 * 15mm	86 * 86 * 15mm

Model	KR901	KR901S	KR902	KR902S	KR903	KR904
Gross Weight	0.16Kg	0.19kg	0.16Kg	0.19Kg	0.17Kg	0.17Kg
Net Weight	0.13kg	0.16kg	0.13kg	0.16kg	0.14kg	0.14kg
Installation	Compatible with mullion mount or flat surface mounting	Wall-mount (Compatible with Single gang box / European gang box)	Compatible with mullion mount or any flat surface mounting	Wall-mount (Compatible with Single gang box / European gang box)	Wall-mount (Compatible with Asian gang box)	Wall-mount (Compatible with Asian gang box)
Housing Material	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
Ingress Protection Rating	IP65 (water & dust proof)	IP65 (water & dust proof)	IP65 (water & dust proof)	IP65 (water & dust proof)	IP65 (water & dust proof)	IP65 (water & dust proof)
Certifications	ISO9001, ISO14001, CE, FCC, RoHS	ISO9001, ISO14001, CE, FCC, RoHS	ISO9001, ISO14001, CE, FCC, RoHS	ISO9001, ISO14001, CE, FCC, RoHS	ISO9001, ISO14001, CE, FCC, RoHS	ISO9001, ISO14001, CE, FCC, RoHS
Factory ID	AC03-KR91H-01	AC03-KR91H-01	AC03-KR91H-01	AC03-KR91H-01	AC03-KR91H-01	AC03-KR91H-01



KF1000 Pro Series

Professional Visible Light Facial Authentication & RFID Reader

Biometric Reader Mode (via RS-485)

Dedicated to InBio Pro Plus controller to adopt facial authentication technology (A maximum of face template capacity: 3,000; user capacity: 100,000)

Fully compatible with ZKBio CVSecurity (V6.3.0)

Support high-speed communication ports including TCP/IP, Wi-Fi (IEEE 802.11 a/g/n)

Capture and convert face images into face templates of just 512 bytes

Visible Light Facial Authentication Standalone Device Mode (with DM10)

Support a maximum of 1,500 face templates / 30,000 cards / 100,000 transactions

Support high-speed communication ports including TCP/IP and Wi-Fi (IEEE 802.11 a/g/n)

Fully compatible with ZKBio CVSecurity (V6.3.0)

Support wall-mount and it is compatible with Asian gang-box (KF1100 Pro); Compatible with Single gang-box (KF1200 Pro)

Model	KF1100 Pro	KF1200 Pro
Appearance		
Camera	Dual Camera @ 2MP	
Operation System	Linux OS	
Hardware	CPU: 1.2GHz Dual Core RAM: 256MB; ROM: 512MB	
Authentication Method	Face / Card	
Face Template Capacity	Face Reader Mode: 3,000 Store in InBio Pro Plus (Default) A&C Standalone Mode: 1,500 (1:N) (with DM10) (Optional)	
Card Capacity	Face Reader Mode: 100,000 Store in InBio Pro Plus (Default) A&C Standalone Mode: 30,000 (1:N) (with DM10) (Optional)	
User Capacity	Face Reader Mode: 100,000 Store in InBio Pro Plus (Default) A&C Standalone Mode: 30,000 (1:N) (with DM10) (Optional)	
Transaction Capacity	Face Reader Mode: 500,000 Store in InBio Pro Plus (Default) A&C Standalone Mode: 100,000 (1:N) (with DM10) (Optional)	
Biometric Authentication Speed	less than 0.3 sec (Facial Recognition)	
Touchless Biometric Authentication Distance	30cm to 50cm (Facial Recognition)	
Touchless Biometric Operating Lighting Environment	≤2,000 lux @ Face	
False Acceptance Rate (FAR) %	FAR≤@0.01%	
False Rejection Rate (FRR) %	FRR≤@0.02%	
Biometric Algorithm	ZKLiveface 3.5	
Card Type	IDCard@125 kHz (Standard) IC Card@13.56 MHz (Optional)	

Model	KF1100 Pro	KF1200 Pro
Communication	Face Reader Mode: ZKTeco RS-485 * 1 A&C Standalone Mode / Face Template Mode:TCP/IP * 1 Wi-Fi (IEEE802.11a/g/n) @ 2.4 GHz (Optional)	
Standard Functions	Face Reader Mode (with InBio Pro Plus) A&C Standalone Mode(with DM10) Face Template Mode(Default)	
Optional Functions	IC Card@13.56 MHz (Optional) Wi-Fi (IEEE802.11a/g/n) @ 2.4 GHz(Optional)	
Access Control Interface	A&C Standalone Mode (with DM10)	
Power Supply	DC 12V 3A	
Operating Temperature	-10℃ to 50℃	
Operating Humidity	10% to 90% RH (Non-condensing)	
Dimensions (L * W * H)	91mm * 91mm * 13.8mm	121mm * 80mm * 13.8mm
Gross Weight	0.36Kg	
Net Weight	0.27Kg	
Supported Software	ZKBio CVSecurity	
Installation	Wall-mount (Compatible with Asian Gang Box)	Wall-mount (Compatible with Single Gang Box)
Housing Material	Aluminium Alloy	
Certifications	ISO14001, ISO9001, CE, FCC, RoHS	
Factory ID	AC01-VL06H-P17	AC01-VL07H-P17

Model	FR1200	FR1500S
Appearance		
Hardware	Physical Keypad: / Fingerprint Sensor: ZK RFID Module:ID Standard, IC Optional QR Code Scanner: / Tamper Switch: / Multiple Colours Visual Indicator: / Multiple Tone Audio Indicator: /	Physical Keypad: / Fingerprint Sensor: Z-ID RFID Module:ID Standard, IC Optional QR Code Scanner: / Tamper Switch: / Multiple Colours Visual Indicator: / Multiple Tone Audio Indicator: /
Display	/	
Authentication Method	Fingerprint / Card	
Card Type	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional)	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional) HID proxy@125 kHz (Optional) HID iCLASS@13.56 MHz (Optional)
Biometric Verification Speed	<0.3s @ Fingerprint	
Touchless Biometric Recognition Distance	3cm to 5cm @ Card	
Touchless Biometric Operating Lighting Environment	/	
False Acceptance Rate (FAR) %	FAR≤0.0001%	
False Rejection Rate (FRR) %	FRR≤0.01%	
Biometric Algorithm	ZKFingerprint V10.0 (Default) / V13.0	
QR Code	/	
Communication	RS-485: ZKTeco RS-485 * 1	

Model	FR1200	FR1500S
Visual Indicator	Multiple Colours LED: Power On: Red / Green (LED) Status: Red / Green (LED)	
Audio Indicator	Multiple Tone Buzzer with Adjustable Intensity	
Tamper Switch	/	
Operating Environment	Indoor / Outdoor / Semi-Enclosed Area	
Power Supply	9VDC to 24VDC	
Operating Temperature	0℃ to 45℃	-10℃ to 45℃
Operating Humidity	10% to 90% RH (Non-condensing)	
Dimensions (L * W * H)	102mm * 50mm * 37mm	121mm * 77.3mm * 38 mm
Gross Weight	0.22Kg	0.26Kg
Net Weight	0.19Kg	0.20Kg
Installation	Mullion Mount	Wall-mount (Compatible with Single Gang Box)
Housing Material	ABS Plastic	SUS304+ABS Plastic
Ingress Protection Rating	IP65	
Certifications	ISO14001, ISO9001,CE, FCC, RoHS	
Factory ID	AC03-FR01H-05	AC03-FR03H-05

Model	KR600E/M	KR613-OSDP	KR614-OSDP
Appearance			
Hardware	Physical Keypad: / ; RFID Module; Multiple Colours Visual Indicator; Multiple Tone Audio Indicator	Physical Keypad: / ; RFID Module; Multiple Colours Visual Indicator; Multiple Tone Audio Indicator	Physical Keypad: 12 keys; RFID Module; Multiple Colours Visual Indicator; Multiple Tone Audio Indicator
Authentication Method	Card	Card	Card
Card Type	ID Card@125 kHz / IC Card@13.56 MHz	ID Card@125 kHz IC / Desfire Card@13.56 MHz	ID Card@125 kHz IC / Desfire Card@13.56 MHz
Verification Speed	<0.3s @ Card	<0.3s @ Card	<0.3s @ Card
Touchless Recognition Distance	5cm to 10cm @ Card	5cm to 10cm @ Card	5cm to 10cm @ Card
QR Code	/	/	/
Communication	KRxxx-E: 26bit Wiegand out (Default) KRxxx-M: 34bit Wiegand out (Default)	34bit Wiegand out OSDP (available to switch RS-485)	34bit Wiegand out OSDP (available to switch RS-485)
Visual Indicator	Multiple Colours LED: Power On: Red / Green (LED) Status: Red / Green (LED)	Multiple Colours LED: Power On: Red / Green (LED) Status: Red / Green (LED)	Multiple Colours LED: Power On: Red / Green (LED) Status: Red / Green (LED)
Audio Indicator	Multiple Tone Buzzer with Adjustable Intensity	Multiple Tone Buzzer with Adjustable Intensity	Multiple Tone Buzzer with Adjustable Intensity
Operating Environment	Indoor	Indoor	Indoor
Power Supply	DC 12V 1.5A	DC 12V 1.5A	DC 12V 1.5A
Operating Temperature	-10℃ to 50℃	-10℃ to 70℃	-10℃ to 70℃
Operating Humidity	20%-80%	20%-80%	20%-80%
Dimensions (L*W*H)	44mm * 78mm * 16mm	86mm * 86mm * 16mm	86mm * 86mm * 16mm
Gross Weight	0.18kg	0.16kg	0.16kg
Net Weight	0.15kg	0.13kg	0.13kg
Installation	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box)	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box)	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box)
Housing Material	PC + ABS Plastic	PC + ABS Plastic	PC + ABS Plastic
Ingress Protection Rating	IP65	IP65	IP65
Certifications	CE	CE	CE

Model	QR500	QR600
Appearance		
Hardware	Physical Keypad: / RFID Module QR Code Scanner Multiple Colours Visual Indicator Multiple Tone Audio Indicator	Physical Keypad: / RFID Module QR Code Scanner Multiple Colours Visual Indicator Multiple Tone Audio Indicator
Authentication Method	Card	Card / Password (Physical Touch Keypad)
Card Type	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional) which includes Ultralight, Mifare (S50/S70), CPU,NFC (analog Card), Desfire EV1, NTag.	ID Card@125 kHz (Standard) IC Card@13.56 MHz (Optional) which includes Ultralight, Mifare (S50/S70), CPU,NFC (analog Card), Desfire EV1, NTag.
Verification Speed	<0.3s @ Card	<0.3s @ Card
Touchless Recognition Distance	0-4cm @ Card	0-4cm @ Card
QR Code	Data Matrix, PDF417, GS1 Databar, Code 128/EAN128, UPC/EAN, Codabar, Code 39/Code 93 etc.	QR code, PDF417, Data Matrix, MicroPDF417, Aztec
Communication	USB Wiegand RS-485 (OSPD only for RFID)	Wiegand RS-485(OSPD only for RFID)
Visual Indicator	Multiple Colours LED: Power On: White (LED) Status: Red / Green (LED)	Multiple Colours LED: Power On: White (LED) Status: Red / Green (LED)
Audio Indicator	Multiple Tone Buzzer with Adjustable Intensity	Multiple Tone Buzzer with Adjustable Intensity
Operating Environment	Indoor	Indoor
Power Supply	DC 12V 1.5A	DC 12V
Operating Temperature	-20℃ to 60℃	-20℃ to 60℃
Operating Humidity	20%-80%	20%-80%
Dimensions	86mm * 86mm * 50mm	QR600-H: 120mm * 80mm * 16mm QR600-V: 138mm * 58mm * 16mm
Gross Weight	0.21kg	0.46kg
Net Weight	0.15kg	0.39kg
Installation	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box) Mullion Mount/ Surface Mount	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box) Mullion Mount/ Surface Mount
Housing Material	PC + ABS Plastic	Metal
Ingress Protection Rating	/	IP65
Certifications	ISO14001, ISO9001, CE, FCC, RoHS	ISO14001, ISO9001, CE, FCC, RoHS

Model	ProID10(B/W)E/M/-RS	ProID20(B/W)E/M/D/-RS	ProID20(B/W) BEMD-RS	ProID30 (B/W)E/M/D/F/-RS	ProID30 BEMD-RS
Appearance					
Hardware	Physical Keypad: / ; RFID Module ; Multiple Colours Visual Indicator ; Multiple Tone Audio Indicator				
Authentication Method	Card			Card/Password(Physical Touch Keypad)	
Card Type	ID Card@125 kHz or IC Card@13.56 MHz	ID Card@125 kHz or IC Card@13.56 MHz	ID Card@125 kHz IC / Desfire / CPU / NFC Card@13.56 MHz	ID Card@125 kHz or IC Card@13.56 MHz or Desfire Card@13.56 MHz or Felica Card@13.56 MHz	ID Card@125 kHz IC / Desfire / CPU / NFC Card@13.56 MHz
Verification Speed	<0.3s @ Card				
Touchless Recognition Distance	3.5cm @ Card	5cm @ Card			
QR Code	/				
Communication	XXX E/M: 26/34bit Wiegand output XXX -RS: RS-485	XXX E/M: 26/34/66bit Wiegand output XXX -RS: RS-485	26/34bit Wiegand output RS-485	XXX E/M: 26/34bit Wiegand output XXX D: 66bit Wiegand output XXX F: 34/64bit Wiegand output XXX RS: RS-485	26/34bit Wiegand output RS-485
Visual Indicator	Multiple Colours LED: Power On: White (LED) ; Status: Red / Green (LED)				
Audio Indicator	Multiple Tone Buzzer with Adjustable Intensity				
Operating Environment	Indoor	Indoor	Indoor	Indoor	Indoor
Power Supply	DC12V 1.5A	DC12V 1.5A	DC12V 1.5A	DC12V 1.5A	DC12V 1.5A
Operating Temperature	-20℃ to 65℃	-20℃ to 65℃	-20℃ to 65℃	-20℃ to 65℃	-20℃ to 65℃
Operating Humidity	10%-90%	10%-90%	10%-90%	10%-90%	10%-90%
Dimensions (L * W * H)	44mm * 80.5mm * 15mm	90mm * 90mm * 16mm	90mm * 90mm * 16mm	90mm * 90mm * 16mm	90mm * 90mm * 16mm
Gross Weight	0.12kg	0.19kg	0.19kg	0.2kg	0.2kg
Net Weight	0.07kg	0.13kg	0.13kg	0.14kg	0.14kg
Installation	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box)				
Housing Material	PC + ABS Plastic	PC + ABS Plastic	PC + ABS Plastic	PC + ABS Plastic	PC + ABS Plastic
Ingress Protection Rating	IP65	IP65	IP65	IP65	IP65
Certifications	CE	CE	CE	CE	CE

Model	ProID40 (B/W)E/M/D/LF	ProID101	ProID102	ProID103
Appearance				
Hardware	Physical Keypad: RFID Module; Multiple Colours Visual Indicator; Multiple Tone Audio Indicator;	Physical Keypad: / ; RFID Module ; Tamper Switch ; Multiple Colours Visual Indicator ; Multiple Tone Audio Indicator		
Authentication Method	Card	Card	Card	Card
Card Type	ID Card@125 kHz or IC / Desfire / Legic RF / Felica Card@13.56 MHz	ID Card@125 kHz (Standard) or IC Card@13.56 MHz (Optional)	ID Card@125 kHz (Standard) or IC Card@13.56 MHz (Optional)	ID Card@125 kHz (Standard) or IC Card@13.56 MHz (Optional)
Verification Speed	<0.3s @ Card	<0.3s @ Card	<0.3s @ Card	<0.3s @ Card
Touchless Recognition Distance	0-5cm @ Card	0-3cm @ Card	0-3cm @ Card	0-3cm @ Card
QR Code	/	/	/	/
Communication	XXX E/M: 26/35bit Wiegand output XXX D/LF: 66bit Wiegand output	RS-485 Wiegand	RS-485 Wiegand	RS-485 Wiegand
Visual Indicator	Multiple Colours LED: Power On: White (LED) ; Status: Red / Green (LED)	Multiple Colours LED: Power On: White (LED) ; Status: Red / Green (LED)	Multiple Colours LED: Power On: White (LED) ; Status: Red / Green (LED)	Multiple Colours LED: Power On: White (LED) ; Status: Red / Green (LED)
Audio Indicator	Multiple Tone Buzzer with Adjustable Intensity	Multiple Tone Buzzer with Adjustable Intensity	Multiple Tone Buzzer with Adjustable Intensity	Multiple Tone Buzzer with Adjustable Intensity
Operating Environment	Indoor	Indoor	Indoor	Indoor
Power Supply	DC 12V 1.5A	DC 12V 1.5A	DC 12V 1.5A	DC 12V 1.5A
Operating Temperature	-20℃ to 65℃	-20℃ to 65℃	-20℃ to 65℃	-20℃ to 65℃
Operating Humidity	10%-90%	10%-90%	10%-90%	10%-90%
Dimensions (L * W * H)	75mm * 116mm * 15mm	44.5mm * 111mm * 11mm	86mm * 86mm * 11.6mm	76mm * 123mm * 11.6mm
Gross Weight	0.2kg	0.2kg	0.26kg	0.26kg
Net Weight	0.14kg	0.04kg	0.12kg	0.13kg
Installation	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box)	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box)	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box)	Wall-mount (Compatible with Asian Gang-box / Single Gang-Box / European Gang-Box)
Housing Material	PC + ABS Plastic	Aluminum Alloy Tempered glass surface	Aluminum Alloy Tempered glass surface	Aluminum Alloy Tempered glass surface
Ingress Protection Rating	IP65	IP65, IK04	IP65, IK04	IP65, IK04
Certifications	CE	ISO9001, ISO14001, CE, FCC	ISO9001, ISO14001, CE, FCC	ISO9001, ISO14001, CE, FCC

Smart Video Intercom Systems

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.





Kit Series

Everything You Need in One Kit,
Your Total Solution

Kit series is mainly for villa scenario application, including outdoor station and indoor monitor, one package to solve your security needs, simplifies installation and operation.



Indoor Monitor
VK07-C51L Kit

Outdoor Station
VK07-C51L Kit

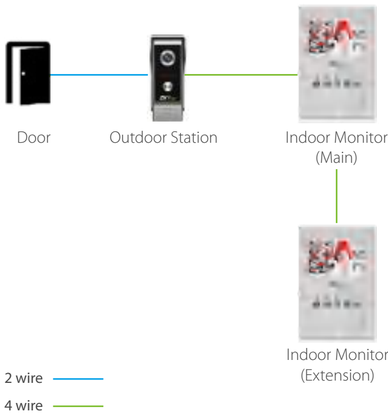
4-wire Analog Video Intercom Kit



VK04-A50L Kit

- 4.3 inch TFT-LCD display screen
- 2-way audio communication over 4-wire analog
- No setup required, plug and play

VK04-A50L KIT Maximum Capacity

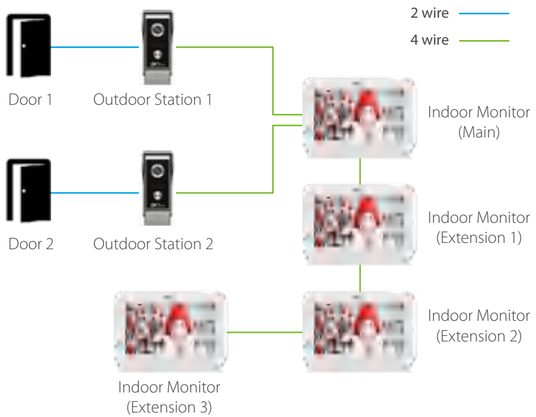




VK07-A50L Kit

- Indoor monitor has a 7 inch IPS HD screen (1024 * 600 pixels)
- Support TF card
- Outdoor station has a 2MP camera with 120° viewing angle
- No setup required, plug and play

VK07-A50L KIT Maximum Capacity



* One Kit includes one indoor monitor, one outdoor station, and installation accessories

4-wire Analog Video Intercom Kit



VK07-A51L Kit

- Indoor monitor has a 7 inch IPS HD display screen
- Outdoor station has 2MP camera with 120° viewing angle
- 2-way audio communication over 4-wire analog
- Support TF card
- Control door access by IC card (Max. Cap. 1,000 users)
- No setup required, plug and play

VK07-A51L KIT Maximum Capacity



* One Kit includes one indoor monitor, one outdoor station, and installation accessories

4-wire Hybrid Video Intercom Kit



VK07-C51L Kit

- 2MP Camera with 120° viewing angle
- 7 inch IPS HD touch screen (1024 * 600)
- Support TF card
- Support a maximum of 2 analog security cameras
- Support setting Weather / calendar / standby wallpaper
- Support remote unlocking through ZSmart App
- Support night vision
- Support up to 4 indoor monitors / 2 outdoor stations
- No setup required, plug and play



VK10-C51L Kit

- 2MP Camera with 120° viewing angle
- 10 inch IPS HD touch screen (1024 * 600)
- Support TF card
- Support a maximum of 2 analog security cameras
- Support setting Weather / calendar / standby wallpaper
- Support remote unlocking through ZSmart App
- Support night vision
- Support up to 4 indoor monitors / 2 outdoor stations
- No setup required, plug and play

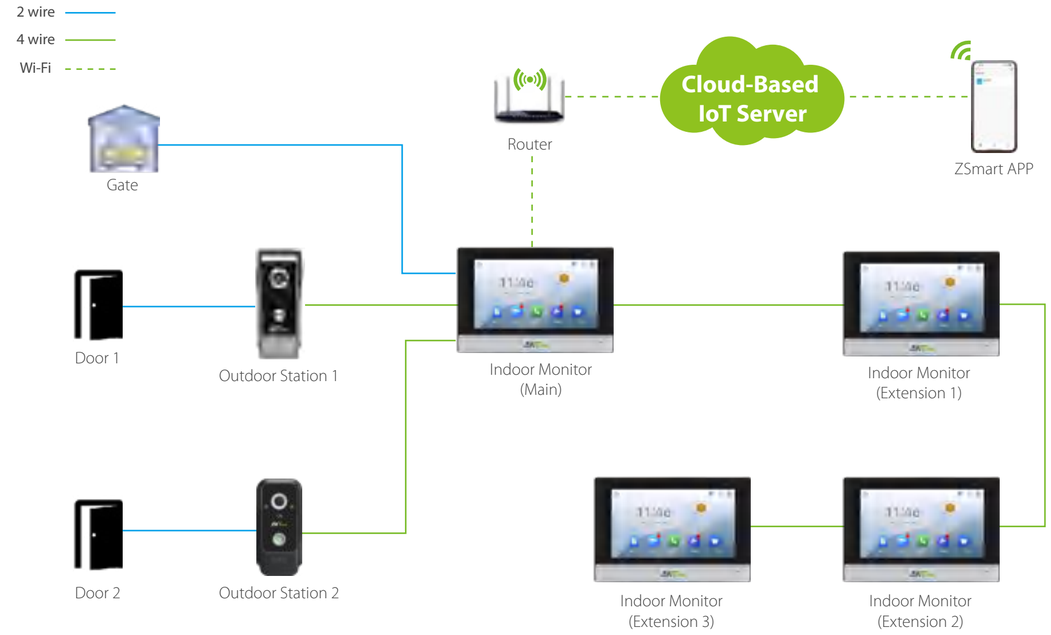


VK07-C52L Kit

- 2MP Camera with 120° viewing angle
- 7 inch IPS HD touch screen (1024 * 600)
- Support TF card
- Support a maximum of 2 analog security cameras
- Support setting Weather / calendar / standby wallpaper
- Support remote unlocking through ZSmart App
- Support night vision
- Support up to 4 indoor monitors / 2 outdoor stations
- Control door access by IC card (Max. Cap. 1,000 users)
- No setup required, plug and play

* One Kit includes one indoor monitor, one outdoor station, and installation accessories

Hybrid Video Intercom Kit Application Topology Diagram





IP Series

Touch and Experience,
Elevate Your Daily Life

IP video intercom systems are optimized for villas, apartments and multi-storey buildings, supporting nearly 10,000 residents and centrally managed by ZKBio CVSecurity. This comprehensive system significantly enhances resident convenience and building security.

Excellent Video Quality
2MP HD camera, WDR, wide field of view, and full-color video capture

Flexible Solution Options
Local area network solution, cloud intercom solution, SIP intercom solution

Multiple Authentication Methods
Face recognition, card, and PIN code

Centralized Management
Managed through ZKBioCV Security

Mobile Control
Supports remote intercom and door unlocking via a mobile app

Easy to Use
Setup can be completed in just a few simple steps

IP Villa Solution



Outdoor Station



VE01-B24L VE01-B24L-W VE01-B25L

Indoor Monitor



VT07-B26L-W

IP Apartment Solution



Outdoor Station



VEX-B25L VEX-B21L VEX-B21A VEX-B24L VEX-B24A

Indoor Monitor



VT07-B22L VT07-B26L-W

IP Cloud Video Intercom Solution



Outdoor Station



VEX-B25L VEX-B21L VEX-B21A VEX-B24L VEX-B24A

Indoor Monitor



VT07-B22L VT07-B26L-W

ZKTeco Cloud Service

ZKBio Zexus

Introducing to ZKBio Zexus

An Integrated Security Management Solution

ZKBio CVSecurity ZKBio CVAccess





ZKBio CVSecurity

- Enhanced Security: Video identity verification ensures that only authorized visitors enter, enhancing the security of residential and workplace environments
- Two-Way Communication: Intercom units, indoor monitors, phones, mobile apps, and PC clients can call each other, enabling two-way communication capabilities
- Simplified Configuration: The software automatically assigns SIP accounts, quickly synchronizing them with devices and apps, eliminating the hassle of manual configuration
- Access Control Integration: In emergency situations, the system automatically dials designated apps to ensure that no critical alerts are missed

IP Series--Indoor Monitor

7 inch indoor monitor



VT07-B22L

- 2-way audio and video communication over IP network
- 7 inch LCD capacitive touch screen (800 x 480)
- Support up to 8 IPC channels display
- Powered by PoE (IEEE.802.3 af) or power adapter (DC12V/2A)
- Support SIP 2.0 protocol, easy integration with other SIP devices
- Control main door unlock and integrates with elevator control system



VT07-B26L-W

- 2-way audio and video communication over IP network
- 7-inch capacitive touch screen (1024 x 600)
- Powered by PoE (IEEE 802.3af) or power adapter (DC12V/2A)
- Support Wi-Fi (IEEE 802.11 b/g/n/ac) connection
- Support up to 8 IPC channels display
- Support TF card (max. 32GB)

10 inch indoor monitor



VT10-B21L

- 2-way audio and video communication over IP network
- 10.1 inch LCD capacitive touch screen (1024 x 600)
- Support H.264 video coding
- Support up to 8 IPC channels display
- Powered by PoE (IEEE.802.3 af) or power adapter (DC12V/2A)
- Support SIP 2.0 protocol, easy integration with other SIP devices
- Control main door unlock and integrates with elevator control system



VT10-B21A

- Support Android 6 System and integrate via Android SDK for 3rd party application
- 10.1 inch LCD capacitive touch screen (1024 x 600)
- Support H.264 video coding
- Support up to 8 IPC channels display
- Powered by PoE (IEEE.802.3 af/at) or power adapter (DC12V/2A)
- Support SIP 2.0 protocol, easy integration with other SIP devices
- Control main door unlock and integrates with elevator control system

IP Series--Outdoor Station



VEX-B21A

- 4.3-inch TFT LCD monitor
- Support Android 4.0
- Control door access by facial recognition (capacity: 10,000 users)
- Control door access by IC card (capacity: 30,000 users)
- Physical keypad with 16 keys
- Reached IP65 for water and dust proof
- CMOS 2MP color camera with 100° viewing angle
- Support IR sensor and motion detection. A white LED supplement light
- Control main door unlock and integrates with elevator control system
- Support SIP 2.0 protocol, integrates with other SIP devices



VEX-B21L

- Equipped with Linux system and a 4.3 inch LCD color monitor
- IC card for door unlocking (Card Capacity: 60,000 users)
- Physical keypad with 16 keys
- Reached IP65 for water and dust proof
- CMOS 2MP color camera with 100° viewing angle
- Control main door unlock and integrates with elevator control system
- Support SIP 2.0 protocol, integrates with other SIP devices



VEX-B24A

- Audio induction loop for hearing assistance
- Braille button surface for the visually impaired
- Equipped with 3 relay outputs to control multiple door locks
- Its integrated tamper alarm promptly alerts you to any unauthorized tampering attempts
- Support facial recognition for door unlocking
- Multiple authentications: facial recognition, IC (13.56MHz) & ID (125kHz) card and PIN code
- 2MP camera with WDR mode
- Android 6.0 operating system and a 4.3 inch TFT LCD monitor



VEX-B24L

- Induction loop for the hearing aid compatibility
- Braille dot for visually impaired
- 3 output relays to connect and control 3 door locks
- Its integrated tamper alarm promptly alerts you to unauthorized tampering attempts
- Multiple unlock methods: IC card & ID card (Capacity: 20,000 users and 60,000 cards)/ PIN code password)

IP Series--Outdoor Station



VE01-B24L-W

- Compact Design
- A CMOS camera with WDR and 2-megapixel for clearer image
- H.264 and H.265 Video Codec
- Reached IP65 protection rating for water proof and dust resistant
- Its integrated tamper alarm promptly alerts you to any unauthorized tampering attempts
- Support IC card reading for door unlocking (Capacity: 20,000 users and 60,000 cards)
- Reached IP65 protection rating for water proof and dust proof
- Reached IK06 protection rating for vandal resistance
- Support PoE (IEEE 802.3af) standard



VE01-B24L

- Compact Design
- A CMOS camera with WDR and 2 megapixels for clearer image
- H.264 and H.265 Video Codec
- Reached IP65 protection rating for water proof and dust resistant
- Its integrated tamper alarm promptly alerts you to any unauthorized tampering attempts
- Reached IK06 protection rating for vandal resistance
- Power supply by indoor monitor (Only supports this model: VT07-B26L-W)



VE01-B25L

- Compact Design
- Support IC and ID card reading for door unlocking (Capacity: 20,000 users and 60,000 cards)
- A CMOS camera with WDR and 2-megapixel for clearer image
- H.264 Video Codec
- Reached IP65 for water proof and dust resistant; Reached IK06 or vandal resistant
- Its integrated tamper alarm promptly alerts you to any unauthorized tampering attempts
- Support PoE (IEEE 802.3af) standard
- Equipped with 2 relays for connecting and controlling two door lock
- Support Wiegand and RS485 port for access control device integration



VEX-B25L

- Flexible and reliable power supply option: PoE (IEEE802.3af) or DC power supply (DC 12V/ 2A)
- Multiple unlock methods: IC card & ID card (Capacity: 20,000 users and 60,000 cards)/ PIN code password
- 3 Indicator Lights
- Support 2 relays to connect and control two door locks
- Its integrated tamper alarm promptly alerts you to unauthorized tampering attempts
- Physical keypad with 14 keypads

IP Series--Outdoor Station



VE05-B21L

- Compact Design
- Support IC and ID card reading for door unlocking (Capacity: 20,000 users and 60,000 cards)
- A CMOS camera with WDR and 2-megapixel for clearer image
- H.264 Video Codec
- Reached IP65 for water proof and dust resistant. Reached IK06 or vandal resistant
- Its integrated tamper alarm promptly alerts you to any unauthorized tampering attempts
- Support PoE (IEEE 802.3af) standard
- Equipped with 2 relays for connecting and controlling two door lock
- Support Wiegand and RS485 port for access control device integration

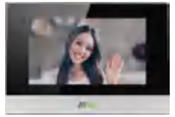
IP Series--Management Center



VG10-B21A

- 10.1-inch color touch screen
- Android 4.0 for smooth operation
- Send alarm notifications to indoor monitors and management center
- Support storing up to 60 call logs
- Send and receive text messages (alphabetical letters, numbers and symbols) to indoor monitor
- Powered by PoE (IEEE802.3af) or power adapter (DC12V/2A)
- Support SIP 2.0 protocol, easy integration with other SIP devices
- Maximum support 8 channels of IP cameras video display

Model	VEX-B24A	VEX-B24L	VEX-B21A	VEX-B21L	VEX-B25L
Appearance					
Display	4.3-inch TFT LCD	4.3-inch TFT LCD	4.3-inch TFT LCD	4.3-inch TFT LCD	/
Resolution	480 x 272	480 x 272	480 x 272	480 x 272	/
System	Android 6.0	Linux	Android 4.0	Linux	Linux
RAM	1GB	64MB	512MB	64MB	64MB
ROM	8GB	128MB	8GB	128MB	128MB
Front Panel	Aluminum+Tempered Glass	Aluminum+Tempered Glass	Aluminum	Aluminum	Aluminum+Tempered Glass
Button	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Power Supply	PoE+ (802.3at) or DC 12V/2A	PoE+ (802.3at) or DC 12V/2A	PoE+ (802.3at) or DC 12V/2A	PoE+ (802.3at) or DC 12V/2A	PoE+ (802.3at) or DC 12V/2A
Standby Power	8 W	1.5W	3W	1.5W	1.5W
Rated Power	16 W	9W	10W	9W	9W
Camera	2MP, CMOS, WDR	2MP, CMOS, WDR	2MP, CMOS	2MP, CMOS	2MP, CMOS
IR Sensor	Support	Support	Support	Support	Support
Wiegand Port	1	1	1	1	1
Ethernet Port	1 x RJ45, 10/100 Mbps adaptive	1 x RJ45, 10/100 Mbps adaptive	1 x RJ45, 10/100 Mbps adaptive	1 x RJ45, 10/100 Mbps adaptive	1 x RJ45, 10/100 Mbps adaptive
Door Entry	Face, IC (13.56MHz) & ID (125kHz) card, PIN code	IC (13.56MHz) & ID (125kHz) card, PIN code	Face, IC card (13.56MHz), PIN code, NFC	IC card (13.56MHz), PIN code, NFC	IC (13.56MHz) & ID (125kHz) card, PIN code
Reset Button	1	1	/	/	1
RS485 Port	1	1	1	1	1
Relay Out	3	3	1	1	2
IP / IK Rating	IP65 / IK06	IP65 / IK06	IP65	IP65	IP65 / IK06
Installation	Flush mounting	Flush mounting	Flush mount	Flush mount	Wall mount
Surface Mounting DIM	295 x 133 x 43 mm	295 x 133 x 43 mm	380 * 158 * 55.7 mm	380 * 158 * 55.7 mm	188 x 88 x 34 mm
Working Temperature	-40°C to +55°C	-40°C to +55°C	-40°C to +55°C	-40°C to +55°C	-40°C to +55°C
Storage Temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
Working Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Audio Codec	G.711	G.711	G.711	G.711	G.711
DTMF	RFC2833	RFC2833	RFC2833	RFC2833	RFC2833
Microphone	Built-in microphone	Built-in microphone	Built-in microphone	Built-in microphone	Built-in microphone
Speaker	8Ω / 1W	8Ω / 1W	8Ω / 1W	8Ω / 1W	8Ω / 1W
Video Codec	H.264	H.264	H.264	H.264	H.264
Video Resolution	up to 1920 x 1080	1280 x 720	1280 x 720	1280 x 720	1280 x 720
Viewing Angle	120°(H) / 80°(V) / 130°(D)	115°(H) / 75°(V) / 125°(D)	115°(H) / 75°(V) / 125°(D)	115°(H) / 75°(V) / 125°(D)	110°(H) / 60°(V) / 125°(D)
Max. Image Transfer Rate	1080p ~ 25fps	720p ~ 25fps	720p ~ 25fps	720p ~ 25fps	720p ~ 25fps
Light Compensation	LED white light	LED white light	LED white light	LED white light	LED white light
Protocol	SIP, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP,DHCP, IPV4, ARP, ICMP	SIP, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP,DHCP, IPV4, ARP, ICMP	SIP, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP,DHCP, IPV4, ARP, ICMP	SIP, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP,DHCP, IPV4, ARP, ICMP	SIP, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP,DHCP, IPV4, ARP, ICMP

Model	VT07-B26L-W	VT07-B22L	VT10-B21L	VT10-B21A
Appearance				
Display	7-inch TFT LCD	7-inch TFT LCD	10-inch TFT LCD	10-inch TFT LCD
Screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen
Resolution	1024 x 600	800 x 480	1024 x 600	1024 x 600
System	Linux	Linux	Linux	Android 6.0
RAM	128MB	64MB	64MB	1GB
ROM	128MB	128MB	128MB	4GB
Front Panel	Plastic	Plastic	Plastic	Plastic
Power Supply	PoE (IEEE802.3af) or DC 12V/2A	PoE (IEEE802.3af) or DC 12V/2A	PoE (IEEE802.3af) or DC 12V/2A	PoE (IEEE802.3af) or DC 12V/2A
Standby Power	2W	1.5W	1.5W	3W
Rated Power	9W	9W	9W	10W
Ethernet Port	2 x RJ45, 10/100 Mbps adaptive	1 x RJ45, 10/ 100 Mbps self-adaptive	1 x RJ45, 10/ 100 Mbps self-adaptive	1 x RJ45, 10/ 100 Mbps self-adaptive
WiFi	Support	/	/	/
TF Card Slot	1	/	/	/
RS485	1	1	1	1
Power Output	1 (12V/100mA)	/	/	/
Doorbell Input	8 (use any alarm input port)	8 (use any alarm input port)	8 (use any alarm input port)	8 (use any alarm input port)
Alarm Input	8	8	8	8
Installation	Surface Mounting	Surface Mounting	Surface Mounting	Surface Mounting
Dimension	195 x 130 x 14.5 mm	221.4 x 151.4 x 16.5 mm	270 x 168 x 15 mm	270 x 168 x 15 mm
Working Temperature	-10℃ to +55℃	-10℃ to +55℃	-10℃ to +55℃	-10℃ to +55℃
Storage Temperature	-40℃ to +70℃	-10℃ to +60℃	-10℃ to +60℃	-10℃ to +60℃
Working Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Audio Codec	G.711	G.711	G.711	G.711
Echo Cancellation	Support	Support	Support	Support
DTMF	RFC2833	RFC2833	RFC2833	RFC2833
Microphone	Built-in microphone	Built-in microphone	Built-in microphone	Built-in microphone
Speaker	8Ω / 1W	8Ω / 1W	8Ω / 1W	8Ω / 1W
Video Codec	H.264	H.264	H.264	H.264
Protocol	SIP, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP, DHCP, IPV4, ARP, ICMP	SIP, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP, DHCP, IPV4, ARP	SIP, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP, DHCP, IPV4, ARP	SIP, UDP, TCP, RTP, RTSP, NTP, DNS, HTTP, DHCP, IPV4, ARP



Enterprise Office Series

Effortless Interaction
Unlock a World of Convenience

The enterprise office solution is specifcally designed for small andmedium-sized enterprises,achieving an integrated access control,attendance, video intercom, and security monitoring solutions.

Multiple Authentication Methods

Time Attendance

Video Linkage

IPC Real-time Video Viewing

Enterprise Office Solution



Main products involved: Indoor monitor, access control terminal and IP camera.

Enterprise Office Solution



VT07-B01

- 7-inch touch screen display
- Support IPC Video viewing
- Support access control + IPC video quad split screen
- Support SIP 2.0
- Operating temperature: -20°C to 50°C
- Dimension (mm): 185*167*22
- Install: Wall mount or desktop stand



VT07-B01-W

- 7-inch touch screen display
- Support IPC Video viewing
- Support access control + IPC video quad split screen
- Support SIP 2.0
- Support WiFi
- Operating temperature: -20°C to 50°C
- Dimension (mm): 185*167*22
- Install: Wall mount or desktop stand

VS50-50 / VS50-100

Unified server for VoIP, intercom and video with embedded web management

- Support SIP extension number generation
- Support Ringing Group
- Support SIP device access
- Support IPC, NVR access (onvif, RTSP)
- Support access to ZKBio CVSecurity centralized management
- Support ONVIF, SIP and other protocols



Configuration





Smart Entrance Control Systems

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 flap barrier turnstiles are often installed in private enterprises. ZKTeco commits to integrating biometrics into entrance control to provide more intelligent management solutions.



Swing Barrier Turnstile

Smart Gate Systems for Secure and Efficient Access Control

Comet Series

The Comet Series by ZKTeco is an innovative multi-credential speed gate featuring a sleek, transparent design that fits seamlessly into corporate settings. Available in single-lane and double wings versions, these gates combine advanced functionality with a lightweight yet robust chassis made of distinctive cast aluminum alloy.

6M

MCBF up to 6 Million Times

Standard With 660mm
Optional 900mm

Featuring Newly Developed
Installation Rails That Can Be
Pre-installed



Saturn Series

Unveiling the ZKTeco Saturn Series, an innovative swing barrier turnstile designed for a paralleled passage experience. With its sophisticated design, the Saturn Series is available in range of striking colors including Pearl Silver, Space Gray, and Bay Blue, Mist Brown and Carbon Black, making it blend seamlessly with both indoor and outdoor applications.

Remote Control

Facial Recognition

QR Code Recognition

IPX4

Water and Dust
Proof Reached
up to IPX4

Pearl Silver / Space
Gray / Bay Blue/ Mist
Brown / Carbon Black

Lane Width
Between
600mm-900mm

RFID

RFID Recognition

3M

MCBF up to 3
Million Times



Saturn Plus Series

The Saturn Plus Series has been upgraded with a notable feature: the addition of 6 pairs of infrared sensors for dual pinch protection. It ensures enhanced safety and improved obstacle detection. Its chassis is made from cold-rolled steel SPCC (GB700), providing an IPX4 protection rating that ensures it can withstand water and dust.

- PRD — Pedestal Removable Design
- Facial Recognition
- QR Code Recognition
- IPX4 — Water and Dust Proof Reached up to IPX4
- 6P — Standard 6 Pairs of IR sensors
- Lane Width Between 600mm-900mm
- RFID — RFID Recognition
- 3M — MCBF up to 3 Million Times
- Chassis Color — Chassis Color: Sliver / Gary / Brown



Saturn-S2000 Series

The Saturn-S2000 has been upgraded with a notable feature: a standard 12 pairs of infrared sensors (expandable to 18 pairs) with integrated dual-zone pinch protection. It ensures enhanced safety and improved obstacle detection. Its chassis is mainly made from stainless steel material (SUS304), providing an IP56 protection rating that ensures it can withstand water and dust. Also, Saturn-S2000 is equipped with a clutch to enhance security.

- PRD — Pedestal Removable Design
- Facial Recognition
- QR Code Recognition
- IP56 — Water and Dust Proof Reached up to IP56
- 12P — Standard 12 pairs of Infrared Sensors (Expandable to 18 Pairs)
- Lane Width Between 600-1200mm
- RFID — RFID Recognition
- 5M — MCBF up to 5 Million Times
- SUS304 — Chassis Material: SUS304



Saturn-F1000 Series

ZKTeco's Saturn-F1000 series flap barrier is a high-efficiency and designed for efficient access control for both indoor and outdoor scenarios. Constructed with a robust cold-rolled SPCC steel chassis and a PC retractable barrier, the Saturn-F1000 ensures durability and safety while maintaining a modern appearance. Equipped with a DC brushless motor, the Saturn-F1000 delivers rapid operation, opening or closing in less than one second per movement.

- Brushless DC motor
- Facial Recognition
- QR Code Recognition
- Water and Dust Proof Reached up to IPX4
- 5 pairs of infrared sensors
- Efficient throughput for up to 30 passengers per minute.
- RFID Recognition
- MCBF up to 5 Million Times
- Thickened Base and 8-point Positioning



Saturn-T1000 Series

ZKTeco's Saturn-T1000 is a drop am tripod turnstile with a family design. This tripod turnstile's cabinet uses cold rolled steel sheet as standard material with powder coating finishing. The tripod arm can set bi-directional movement as a standard function. Also, users can set the tripod arm in a different working mode by direction.

- Access Control System
- Drop-arm
- Bi-directional
- Water and Dust Proof Reached up to IPX4
- Anti-tailgate
- Maximum 80kg weight loading of vertical direction at end of arm



Tripod Turnstile

Reliable Turnstile Solutions for Streamlined Access and Enhanced Security



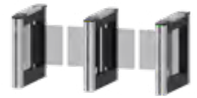
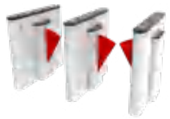
TS Plus Series

TS Plus Series is a basically tripod turnstile with simply function, which including TS1000 Plus and TS2000 Plus. This tripod turnstile's cabinet uses SUS304 stainless steel as standard material, which ensures long durability.

- IPX4 Waterproof Grade
- MCBF 2 Million Times
- Easy to Set Up
- Cost Effective on Customer Use And Maintenance.
- Draw Very Few Power

Model	Comet-S1000	Saturn-S1000	TS1000 Plus	TS2000 Plus
Appearance				
Visual Indicator	LED Strip Along the Lid (64 Colour RGB, Customizable) Steady Green = Normal Use Steady Red= Unit in Use Or No Passage Flashing Green = Emergency / Fire Exit Flashing Red= Alarm	Steady Green = Normal Use Steady Red = Door Closed	Steady Green = Normal Use Steady Red = Door closed	Steady Green = Normal Use Steady Red = Door closed
Audio Indicator	Internal Buzzer	Internal Buzzer	Internal Buzzer	Internal Buzzer
Display	1 or 2*7" ISP Touch Monitor (Under Mount Facial Recognition Version Only)	/	/	/
Lane Type	Single Lane	Single Lane	Single Lane	Single Lane
Lane Width	660mm (Standrad) 900mm (Optional)	550mm (Standard) 900mm (Optional)	550mm	550mm
Barrier Movement Type	Swing	Swing	Rotating	Rotating
Motor	Dc Brushless Motor	DC Brushless Motor	/	/
Clutch	Mechanical Clutch for Anti-panic / Anti-collision	Mechanical Clutch for Anti-Panic / Anti-collision	/	/
Lid Material	Tempered Glass (Black) (Standard)	Acrylic+2.5D Tempered Glass	SUS304 Stainless Steel	SUS304 Stainless Steel
Lid Options Authentication Methods	Streamlined Under Mount Options: Fingerprint / RFID / QR Code / (Fingerprint + RFID) / (Fingerprint + QR Code) / (Fingerprint+RFID+QR Code) / Facial Recognition with Display Top Mount Option: Mounting Pole (Compatible With Proface X Series / Speedface V5L / Elite Pass)	Streamlined Under Mount Options: Fingerprint / QR Code / Facial Recognition / RFID	Streamlined Under Mount Options: Fingerprint / RFID	Streamlined Under Mount Options: Fingerprint / RFID
Chassis Material	Cast Aluminium Alloy (T=3mm)	SPCC, Q235A, PC	SUS304 Stainless Steel (T=1.2mm)	SUS304 Stainless Steel (T=1.2mm)
Chassis Color	Silver (Standard), Gold (Optional)	Pearl Silver, Space Gray, Light Carbon Black, Gulf Blue, Silk Mist Brown	Silver-Gray	Silver-Gray
Door Leaf Material	Clear Acrylic: H630mm * W295mm (Standard) Clear Tempered Glass: H630mm * W295mm	Acrylic: H635mm * W250mm (Standard) H635mm * W429mm (Optional)	SUS304 Stainless Steel	SUS304 Stainless Steel
IR Sensors	8 Pairs (Standard) (High Position) 0 Pair (Low Position)	4 Pairs (Standard) (High Position)	/	/
Motherboard Function	System Confguration, Access Mode Confiquration, Anti-pinch Configuration, Anti-tailgate Configuration etc.	System Confguration, Access Mode Confiquration, Anti-pinch Configuration, Anti-tailgate Configuration etc.	Door Open Duration, Access Mode	Door Open Duration, Access Mode
Motherboard Communication	Fire Alarm Port(Relay)*1, RS-485 Port * 1,	Fire Alarm Port (Relay) * 1, RS-485 Port * 1	Fire Alarm Port (Relay) * 1, RS-485 Port * 1	Fire Alarm Port (Relay)*1, RS-485 port *1
Controller	PGIC Controller (Recommendation) Others Depends on Dimensions Fitting in (Optional)	Optional: C3 series, InBio Pro series or Third-Party Devices	Optional: C3 series, InBio Pro series or Third-Party Devices	Optional: C3 series, InBio Pro series or Third-Party Devices

Model	Comet-S1000	Saturn-S1000	TS1000 Plus	TS2000 Plus
Credential Options	Under Mount RFID Reader: (Support Model: Proid series, Armatura EP10c & armatura EP20 series) Under Mount QR code Reader: QRS00 Under Mount Fingerprint Reader: FR1200 / FR1500 Under Mount Facial Recognition Terminal: G4 Pro Top Mount Facial Recogntion Terminal: ProFaceX / Elite Pass/ SpeedFace V5L	Under Mount RFID Reader: (Support Model: Pro ID Series, KR Series) Under Mount Fingerprint Reader: FR1200 / FR1500	Under Mount RFID Reader: (Support Model: Pro ID Series, KR Series) Under Mount Fingerprint Reader: FR1200 / FR1500	Under Mount RFID Reader: (Support Model: Pro ID Series, KR Series) Under Mount Fingerprint Reader: FR1200 / FR1500
Flow Rate	RFID: 30 Passengers Per Minute QR Code: 30 Passengers Per Minute Fingerprint: 20 Passengers Per Minute Face: 15 Passengers Per Minute	25-35 Passengers Per Minute	25 Passengers Per Minute	25 Passengers Per Minute
Footprint	1500mm * 115mm	1200mm * 150mm	100mm * 420mm	260mm * 1110mm
Accessibility	Under Mount Facial Recognition Version: Adult / Children / Disability Rest of The Versions: Adult / Children (With Care) / Disability (With Care)	Using credentials or wireless remoter control	Using Credentials or Wireless Remote Control, Wired Remote Control	Using Credentials or Wireless Remote Control, Wired Remote Control
Power Supply	110V / 220V ac@50-60hz	AC220+10%V 50Hz	110V / 220V AC@50 to 60 Hz, DC 12V	110V / 220V AC@50 to 60 Hz, DC 12V
Power Rating	20VA (Standby) 120VA (Operation)	20VA (Standby) 60VA (Operation)	10VA (Standby) 40VA (Operation)	10VA (Standby) 40VA (Operation)
Fire Signal	Input for Voltage Free Contact	Input for Voltage Free Contact	Input for Voltage Free Contact	Input for Voltage Free Contact
Noise Level	Less than 60dB	Less than 60dB	Less than 65dB	Less than 65dB
MTTR	Less than 30 minutes	Less than 60 minutes	Less than 60 minutes	Less than 60 minutes
MCBF	6 Million	3 Million	2 Million	2 Million
Weight	Gross Weight (130kg) Net Weight (100kg)	Gross Weight (60kg) Net Weight (45kg)	20kg	30kg
Dimension (L * W * H)	1500mm * 115mm * 1000mm	1200mm * 150mm * 980mm	780mm * 750mm * 1000mm	775mm * 1100mm * 980mm
Operating Temperature	-20℃ to 70℃	-20℃ to 70℃	-20℃ to 70℃	-20℃ to 70℃
Operating Humidity	0% to 85% RH (Non-condensing)	5% to 90% RH (Non-condensing)	20% to 80% RH (Non-condensing)	20% to 80% RH (Non-condensing)
Certifications	CE, FCC, UL294	CE, FCC, UKCA (Pending)	CE, FCC, UKCA (Pending), ISO 9001	CE, FCC, UKCA (Pending), ISO 9001
Ingress Protection Rating	IP65 (Barrier Only) (Waterproof and Dustproof) IK07 (Barrier Only) (Vandal Ressistant)	IP56	IPX4	IPX4
Supported Software	ZKBio CVAccess / ZKBio CVSecurity / ZKEasyGo (Compatible with Software Only When Connected to The Control Panel)	ZKBio CVAccess / ZKBio CVSecurity / ZKEasyGo (Compatible with Software Only When Connected to The Control Panel)	ZKBio CVAccess / ZKBio CVSecurity (Compatible with Software Only When Connected to The Control Panel)	ZKBio CVAccess / ZKBio CVSecurity (Compatible with Software Only When Connected to The Control Panel)
Security Features	Intrusion, Tailgating, Piggybacking, Wrong Way Direction, Leave Aisle Timeout	Anti-tailgating	Anti-tailgating	Anti-tailgating
Application Environment	Indoor / Outdoor / Semi-outdoor	Indoor / Outdoor (If Sheltered)	Indoor / Outdoor (If Sheltered)	Indoor / Outdoor (If Sheltered)
Dimensions With Packing (L * W * H)	1600mm * 600mm * 1200mm	1240mm * 190mm * 1050mm (±5 mm)	380mm * 520mm * 1100mm	360mm * 1210mm * 1080mm

Model	Saturn-S1000 Plus	Saturn-S2000	Saturn-F1000	Saturn-T1000
Appearance				
Visual Indicator	Steady blue = Standby, Steady green = Normal use Steady red = Barrier close	Steady blue = Standby, Steady green = Normal use Steady red = Barrier close	Steady blue = Standby, Steady green = Normal use Steady red = Barrier close	Steady blue = Standby, Steady green = Normal use Steady red = Barrier close
Audio Indicator	Internal speaker	Internal speaker	Internal speaker	Internal speaker
Display	NA	NA	NA	NA
Lane Type	Single Lane	Single Lane	Single Lane	Single Lane
Lane Width	600mm Max 900mm (Optional)	600mm Maximum 1200mm (Optional)	550mm	550mm
Barrier Movement Type	Swing	Swing	Retractable flap barrier	Rotating
Motor	DC brushless motor	DC brushless motor	DC brushless motor	NA
Clutch	NA	Equipped	NA	NA
Lid Material	Stainless steel & Polycarbonate	Stainless steel & Polycarbonate	Polycarbonate+2.5D tempered glass	Polycarbonate+2.5D tempered glass
Lid Options Authentication Methods	Streamlined under mount options: QR Code / RFID Surface mount option: Facial Authentication	Streamlined under mount options: QR Code / RFID Surface mount option: Facial Authentication	Streamlined under mount options: RFID / QR Code Top mount options with mounting pole: Facial Recognition (compatible with ProFace X / SpeedFace V5L / Elite Pass)	KR800E Reader, FR1500S Reader
Chassis Material	Cold-rolled SPCC steel (GB700) / Aluminum alloy	Stainless steel SUS304 / Aluminum alloy	Cold-rolled SPCC steel (GB700)	Cold-rolled SPCC steel (GB700)
Chassis Color	Silver (standard), Gray / Brown (optional)	Gray	White	White
Door Leaf Material	Light gray transparent acrylic	Light gray transparent acrylic / stainless steel	Polycarbonate retractable flap	Stainless steel SUS304 tripod arm
IR Sensors	6 pairs	12 (standard), 18 (optional)	5 pairs	NA
Motherboard Function	System configuration, access control	System configuration, access control	System configuration, access mode configuration, anti-pinch Configuration, anti-tailgate configuration etc.	Door open duration, Access mode
Motherboard Communication	Fire alarm Port (Relay)*1, RS485 port *1	Fire alarm Port (Relay)*1, RS485 port *1	Fire alarm Port (Relay)*1, RS485 port *1	Fire alarm Port (Relay)*1, RS485 port *1
Controller	Not equipped, allowing optional from C3 / InBio Series or customization.	Compatible with C3 / InBio Series or 3rd-party controller	C3, InBio series or or third-party devices	C3, InBio series or or third-party devices

Model	Saturn-S1000 Plus	Saturn-S2000	Saturn-F1000	Saturn-T1000
Credential Options	Under mount RFID reader: (support model: Pro ID Series, KR Series) Under mount -fingerprint reader: FR1200/FR1500S	Under mount RFID reader: (support model: Pro ID Series, KR Series) Under mount -fingerprint reader: FR1200/FR1500S	Under mount RFID reader: (support model: ProID Series) Under mount QR Code Reader: QR500 Top mount facial recognition terminal: ProFaceX/ Elite Pass/ SpeedFace V5L	KR800E Reader, FR1500S Reader
Flow Rate	Facial: 15/min, QR: 30/min, RFID: 35/min	Facial: 15/min, QR: 30/min, RFID: 35/min	Facial: 15/min, QR: 30/min, RFID: 30/min	Max 25/min
Footprint	1200mm * 150mm	1500mm * 180mm	1200mm * 734mm	150mm * 1200mm
Accessibility	Adults, children, disabled	Adults, children, disabled	Adults, children	Adults, children
Power Supply	110/220V AC ±10%, 50/60Hz	110/220V AC ±10%, 50/60Hz	110/220V AC @ 50–60Hz	AC 110/220V, 50/60Hz, DC 12V
Power Rating	10VA standby, 40VA operation	20VA standby, 40VA operation	10VA standby, 40VA operation	10W standby, 40W running
Fire Signal	Input for voltage free contact	Input for voltage free contact	Input for voltage free contact	
Noise Level	< 60dB	< 60dB	< 60dB	< 65dB
MTTR	< 60 minutes	< 60 minutes	< 60 minutes	
MCBF	3 million	5 million	5 million	2 Million
Weight	50kg	Net: 100kg, Gross: 140kg	Net: 50kg, Gross: 60kg	Net: 25kg, Gross: 30kg
Dimension (L * W * H)	1200mm * 150mm * 1020mm	1500mm * 180mm * 1020mm	1200mm * 734mm * 1020mm	1200mm * 734mm * 1020mm
Operating Temperature	-30℃ to 70℃	-30℃ to 70℃	-20℃ to 70℃	-20℃ to 70℃
Operating Humidity	5% to 90% RH (Non-condensing)	5% to 90% RH (Non-condensing)	20% to 85% RH (Non-condensing)	20% to 80% RH (Non-condensing)
Certifications	CE, FCC	CE, FCC	CE, FCC	CE, FCC
Ingress Protection Rating	IPX4	IP56	IPX4	IPX4
Supported Software	ZKBio CVAccess / ZKBio CVSecurity	ZKBio CVAccess / ZKBio CVSecurity	ZKBio CVAccess / ZKBio CVSecurity	ZKBio CVAccess / ZKBio CVSecurity
Security Features	Anti-tailgating, anti-pinch	Anti-tailgating, anti-pinch	Anti-intrusion, anti-tailgating, wrong way enter alarm, automatically close door when no one pass	Anti-tailgating
Application Environment	Indoor / Outdoor (if sheltered)	Indoor / Outdoor (if sheltered)	Indoor / Outdoor (if sheltered)	Indoor / Outdoor (if sheltered)
Dimensions With Packing (L * W * H)	Carton(standard): 1265mm * 220mm * 1070mm (2 boxes) Wooden box(optional): 1300mm * 480mm * 1224mm (1 box)	1580mm * 340mm * 1270mm (2pcs)	1350mm * 360mm * 1100mm	1300mm * 305mm * 1106mm

FHT4310 Series

ZKTeco's FHT4310P is an automatic full height turnstile designed to secure facility access and accommodate both pedestrians and two-wheeled vehicles (motorcycles, e-bikes, e-scooters and bicycles) through a single control point.
FHT4310P is ideal for corporate campuses, industrial facilities, government buildings, educational institutions, and other high-security environments requiring controlled access for both pedestrians and two-wheeled vehicles.

Motor-Driven, Touch-Free

Efficient Dual-Lane

750N.m

Maximum Support Force Resistance of 750 N·m

ZKBio CVSecurity CVAccess

Support ZKBio CVAccess and ZKBio CVSecurity

SUS304

Made with SUS304 Stainless Steel



Zophon-S1000

ZKTeco's multi-biometrics access control modules are a smart and professional access control system for pedestrian passage products. It is integrated with turnstiles. The device consists of several modules, such as the RFID / Face / Palm / QR code recognition module, the LCD display, and the main / sub access control board.

Comprehensive Multi-Authentication Options

Advanced Biometric Authentication

Wide-Angle Camera for Enhanced Recognition

Minimalist Design

Seamless Integration

Wi-Fi Enabled for easy configuration

Over-the-Air Firmware Updates



The metal enclosure shown in the image is only for demonstration purposes. The actual delivered product is the standalone module.

Security Inspection Systems

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 Inspection System

ZKX Series

The ZKX Series X-ray machine is the ideal system for screening baggage with increased performance, revealing liquid explosives, contraband, narcotics and weapons. The system is equipped with a high quality generator and detector which provides advanced image quality and unrivaled penetration.





ZKX5030A

- Widely usable for carry-on baggage
- Pseudo-color scanning image
- Fit through most doorways and elevators for fast relocation and installation
- Energy saving function
- Bidirectional Scan



ZKX6550

- Widely usable for carry-on baggage
- Single screen and fingerprint console
- True-color scanning image
- Bidirectional Scan
- Energy saving function



ZKX100100

- Widely usable for large baggage
- Dual screen and fingerprint console
- True-color scanning image
- Bidirectional Scan
- Folding design for easy loading

	Model	ZKX5030A	ZKX6550	ZKX100100
	Appearance			
Physical Specifications	Dimensions (L * W * H)	1701mm * 796mm * 1150mm	2120mm * 980mm * 1381mm	3384mm * 1407mm * 1866mm
	Console Desk Dimension (L x W x H)	/	805mm * 900mm * 1320mm	1320mm * 900mm * 1320mm
	Tunnel Size (W x H)	500mm * 300mm	650mm * 500mm	1000mm * 1000mm
	Conveyor Speed	0.20 m/sec	0.20 m/sec	0.2-0.4m/sec
	Conveyor Load (Max. Load)	120kg (Adequate distribution)	180kg (Adequate distribution)	200kg (Adequate distribution)
	Conveyor Height	650mm	650mm	387mm
	Gross Weight (with Package)	Tunnel: 410kg Console Desk: NO	Tunnel: 680kg Console Desk: 105kg	Tunnel: 1150kg Console Desk: 135kg
	Net Weight	340kg	620kg	970kg
	Noise	53.8 dB(A)	53.8 dB(A)	55.8 dB(A)
	Monitor	21.5"@ Color LED Screen (1920 * 1080P)	21.5"@ Color LED Screen (1920 * 1080P)	21.5"@ Color LED Screen (1920 * 1080P)
	System Power	115/230 VAC ±10% , 60/50Hz	115/230 VAC ±10% , 60/50Hz	115/230 VAC ±10% , 60/50Hz
X-ray Generator and Image Performance	Steel Penetration	10mm Typical; 8mm Standard	38mm Typical; 36mm Standard	32 mm Typical; 30mm Standard
	Wire Resolution	36 AWG Typical; 34 AWG Standard	38 AWG Typical; 36 AWG Standard	38 AWG Typical; 36 AWG Standard
	Penetrate Definition	32 AWG	34 AWG	32 AWG
	Spatial Resolution	Horizontal Φ1.0mm \ Vertical Φ2.0mm	Horizontal Φ1.0mm \ Vertical Φ2.0mm	Horizontal Φ1.0mm \ Vertical Φ2.0mm
	Generator Cooling	Sealed Oil Bath with Forced Air / 100%	Sealed Oil Bath with Forced Air / 100%	Sealed Oil Bath with Forced Air / 100%
	Tube Voltage & Current	Voltage: 80KV, Current: 0.6mA	Voltage: 140KV, Current: 0.5mA	Voltage: 150KV, Current: 0.8mA
	Orientation	Vertically Upward	Vertically Upward	Vertically Downward
Options and Accessories	Options	Single Screen Console Operating Keyboard Passenger-package Linkage Anti Rat	Double Screen Console Eyes Tracking Anti Rat Intelligent Analysis Function Passenger-package Linkage	Energy Saving Function Anti Rat Intelligent Analysis Function Passenger-package Linkage

	Model	ZKX5030A	ZKX6550	ZKX100100
Standard Functions	Standard Features	Single Energy Imaging (4 Colour) Pseudo-color Scanning Image Carry-on Baggage Screening Energy Saving Mode Support Platform Management Software ZKBio SIS View Previous / Next Bag Configurable Image Processing Keys Baggage Counter Date / Time Display System Maintenance Threat Image Projection (TIP) Density Threshold Alert (DTA) Explosive / Drug Auxiliary Alert Trainning	Multi Energy Imaging (4 Colour) True-color Scanning Image Carry-on Baggage Screening Onboard Fingerprint Console Single Monitor Console Desk Bi-directional Scanning Support Platform Management Software ZKBio SIS View Previous / Next Bag Configurable Image Processing Keys Baggage Counter Date / Time Display System Maintenance Threat Image Projection (TIP) Density Threshold Alert (DTA) Explosive / Drug Auxiliary Alert Trainning	Multi Energy Imaging (4 Colour) True-color Scanning Image Large Baggage Screening Folding Conveyor Design Onboard Fingerprint Console Duel Monitor Console Desk Bi-directional Scanning Support Platform Management Software ZKBio SIS View Previous / Next Bag Configurable Image Processing Keys Baggage Counter Date / Time Display System Maintenance Threat Image Projection (TIP) Density Threshold Alert (DTA) Explosive / Drug Auxiliary Alert Trainning
	Image Processing Functions	Perfect View (PV) Black / White (B / W) Inverse View (IN) High Penetration (HP) Low Penetrate (LP) Dynamic Scan (DS) Suspicious Organics Enhancing (Z789) Adjusting Brightness Real-time Image Processing and Image Zoom (64x)	Perfect View (PV) Black / White (B / W) Inverse View (IN) High Penetration (HP) Low Penetrate (LP) Dynamic Scan (DS) Pseudo Color (PS) Organic Material (OM) Inorganic Material (IM) Suspicious Organics Enhancing (Z789) Adjusting Brightness Real-time Image Processing and Image Zoom (64x)	Perfect View (PV) Black / White (B / W) Inverse View (IN) High Penetration (HP) Low Penetrate (LP) Dynamic Scan (DS) Pseudo Color (PS) Organic Material (OM) Inorganic Material (IM) Suspicious Organics Enhancing (Z789) Adjusting Brightness Real-time Image Processing and Image Zoom (64x)
Operating Environment	Storage Temperature	-20℃ to 60℃	-20℃ to 60℃	-20℃ to 60℃
	Operating Temperature	0℃ to 40℃	0℃ to 40℃	0℃ to 40℃
	Relative Humidity	5 to 95% non-condensing	5 to 95% non-condensing	5 to 95% non-condensing
Regulatory Compliance	Regulatory Standards	EN 61000-6-4:2007+A1:2011 EN 61000-6-2:2005 EN ISO 12100:2010 EN 60204-1:2006+A1:2009/AC:2010 ANSI C63.4 & 47 CFR PART 15	EN 61000-6-4:2007+A1:2011 EN 61000-6-2:2005 EN ISO 12100:2010 EN 60204-1:2006+A1:2009/AC:2010 ANSI C63.4 & 47 CFR PART 15	EN 61000-6-4:2007+A1:2011 EN 61000-6-2:2005 EN ISO 12100:2010 EN 60204-1:2006+A1:2009/AC:2010 ANSI C63.4 & 47 CFR PART 15
	Film Safety	ASA/ISO1600	ASA/ISO1600	ASA/ISO1600
	Radiation Leak Dosage	0.3 μ Gy/h (0.1m from the Surface)	0.3 μ Gy/h (0.1m from the Surface)	0.35 μ Gy/h (0.1m from the Surface)
Health & Safety	Compliance	FDA And Equivalent International Standards; Radiation Emissions Below Regulatory Limits	FDA And Equivalent International Standards; Radiation Emissions Below Regulatory Limits	FDA And Equivalent International Standards; Radiation Emissions Below Regulatory Limits

Smart Parking Systems

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.







BGM Series Parking Barrier

IP54
Water And Dust Proof
Reached up to IP54

LENGTH
Standard with
3m / 4.5m / 6m Barrier Boom

Support up to 500
Remote Control Capacities

LED
Support LED
Status Control

Low Voltage DC 24V
Brushless Motor

LED
Tempered Glass Door
with LED Indicator Design

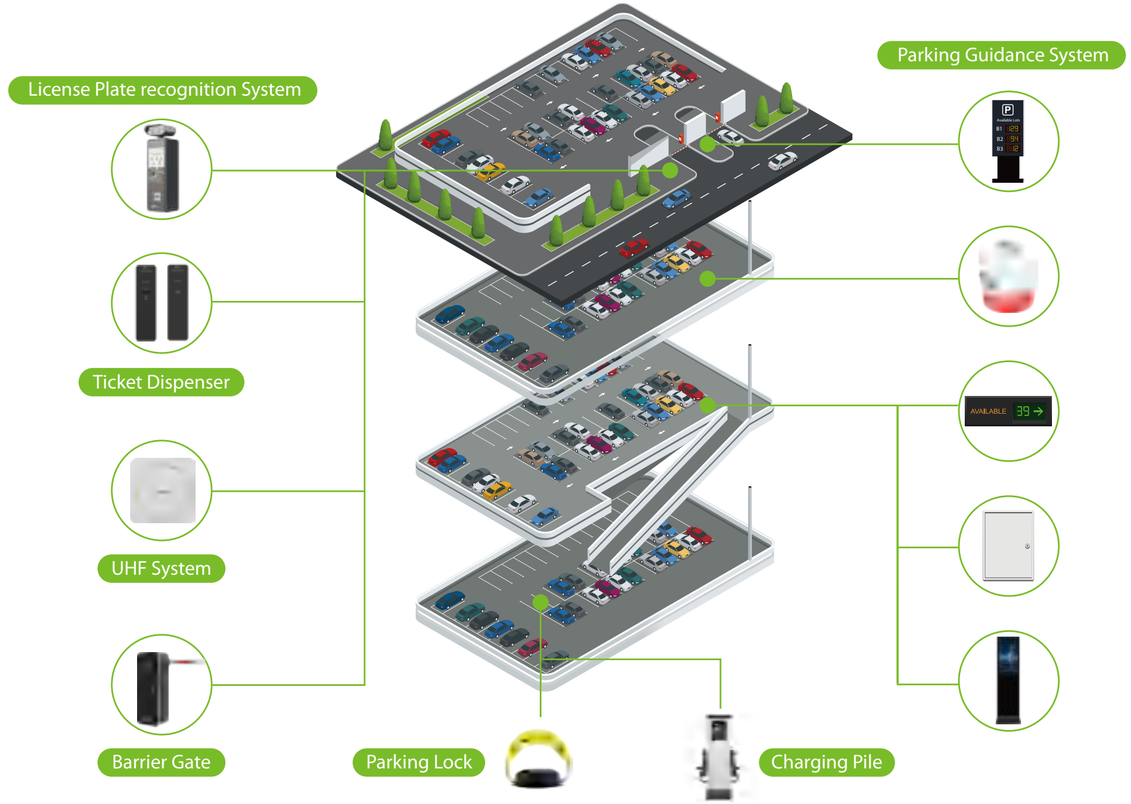
ZKEasyGo App
Quick Debugging Control

CE
IEC
With CE, IEC Certification

Left and Right
Direction Reversible

Bluetooth and
WiFi Compatiable

Model	BGM400 Series	BGM500 Series	BGM1000 Series	BGM2000 Series	BG-LCD100
Appearance					
Motor Type	Brushless DC Motor + Three Stage Gear Reducer	Brushless DC Motor + Three stage gear reducer	Brushless DC Motor + Three Stage Gear Reducer	Brushless DC Motor + Three Stage Gear Reducer	Brushless DC Motor + Three Stage Gear Reducer
Opening / Closing Speed	1.5~6s	1.5~6s	1.5~6s	0.6~6s	0.6s~3s
Boom Length	3m / 4.5m / 6m	3m / 4.5m / 6m	3m / 4.5m / 6m	3m / 4m	3m / 4m
Boom Type	Standard Version: Straight Boom (3m) Telescopic Boom (4.5~6m)	Standard Version: Straight Boom (3m) Telescopic Boom (4.5~6m) Optional Version: LED or Rubber Straight Boom (3m~4.5m) Folding Boom (4.5m, Customizable) Fence Boom (4.5m, Customizable)	Standard version: Straight Boom (3m) Telescopic Boom (4.5~6m) Optional Version: LED or Rubber Straight Boom (3m~4.5m) Folding Boom (4.5m, Customizable)	Standard Version: Round Straight Boom	Standard Version: Round Straight Boom
Boom Material	1.0mm Aluminium Alloy	1.0mm Aluminium Alloy	1.0mm Aluminium Alloy	1.5mm Aluminium Alloy	1.5mm Aluminium Alloy
Chassis Material	1.5mm SPCC	1.5mm SPCC	2.0mm SPCC	2.0mm SPCC	2.0mm SPCC
Boom Connector	Not Support Anti-collision	Optional Anti-collision	Optional Anti-collision	Support Anti-collision	Support Anti-collision
APP Control	/	/	Support	Support	Support
LCD Screen	/	/	/	/	Support
Cmmunication	RS-485	RS-485 (Optional WIFI / Bluetooth)	WIFI / Bluetooth, RS-485	WIFI / Bluetooth,RS-485	WIFI / Bluetooth, RS-485
Chassis LED Indicator	Not Support	Support	Support	Support	LCD
Emergency Open	Manual	Manual	Auto or Manual	Auto or Manual	Auto or Manual
Remote Control Capacity	<500 pcs	<500 pcs	<500 pcs	<500 pcs	<500 pcs
MCBF	2 Million Times	2 Million Times	3 Million Times	5 Million Times	5 Million Times
Warranty Period	1 Year	1 Year	2 Year	2 Year	2 Year
Application	Medium Traffic Intensity (Average Daily Traffic Flow≤5000, Medium Parking Lot (51-300 / Motor Vehicle, 251-500 / Non-motor Vehicle), Hotel, Hospital, Park Scenic Spot)	Medium Traffic Intensity (Average Daily Traffic Flow≤5000, Medium Parking Lot (51-300 / Motor Vehicle, 251-500 / Non-Motor Vehicle), Hotel, Hospital, Park Scenic Spot)	Medium Traffic Intensity (Average Daily Traffic Flow≤5000, Medium Parking Lot (51-300 / Motor Vehicle, 251-500 / Non-Motor Vehicle), Hotel, Hospital, Park Scenic Spot)	Ultra-high Traffic Intensity (Average Daily Traffic Flow≥10000 Vehicles, Super Large Parking Lot (>1000 / Motor Vehicle), CBD Area, Transportation Hub Center, Airport)	Ultra-High Traffic Intensity (Sverage Daily Traffic Flow≥10000 Vehicles, Super Large Parking Lot (>1000 / Motor Vehicle), CBD Area, Transportation Hub Center, Airport)
Intensity	1.5s: 20000 Times/Day 100% 2.5s: 12000 Times/Day 90% 5s: 5800 Times/Day 80%	1.5s: 20000 Times/Day 100% 2.5s: 12000 Times/Day 90% 5s: 5800 Times/Day 80%	1.5s: 20000 Times/Day 100% 2.5s: 12000 Times/Day 90% 5s: 5800 Times/Day 80%	0.6s: 48000 Times/Day 100% 2.5s: 12000 Times/Day 90% 5s: 5800 Times/Day 80%	0.6s: 48000 Times/Day 100% 2.5s: 12000 Times/Day 90% 5s: 5800 Times/Day 80%



Smart Video Surveillance Systems

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 CVAccess and ZKBio CVsecurity empowered by ZKTeco cutting edge deep-learning algorithm of Human / Vehicle intelligence to satisfy various requirements and applications.





ZKBio Sense Entry Series

The front-end cameras of intelligent video surveillance solution

Entry series IP cameras are the entry level front-end cameras which are especially focusing on the channel market. They can accurately detect and recognize human target,which can effectively filter out useless objects, such as animals, leaves, shadows, and rain, to reduce false alarms. Thus entry series are the cost-effective intelligent video solution with good balance between economy and efficiency and safety for the entire video surveillance system, can be widely used in different scenario such as smart school, office, industrial park, community, public security, etc.

- Multi Resolutions Available (2/4/5/8MP)
- Embedded Intelligent Classification Algorithm (Human)
- Remote Viewing with Mobile Application Compatible with ZKBio CVSecurity
- Metal Casing Design and Reached IP67 Protection Rating Standard for Waterproof and Dust Proof
- Perimeter Protection
- Easy Connection with PoE Power Supply
- Full Color Vivid View (2/4MP)
- H.265+



ZKBio Sense Smart Hybrid Light Series

The front-end cameras of intelligent video surveillance solution

The IP cameras can accurately detect and recognize 3 key types of targets: humans, vehicles and objects. They can effectively filter out useless objects, such as animals, leaves, shadows, and rain, to avoid false alarms. Meanwhile, the built-in hybrid integrated optical coupler and intelligent switching logic can greatly reduce unnecessary light pollution in the environment, which is greener and energy-saving.

- Smart Hybrid Light (White Light & IR Integrated Light) for Reducing Light Pollution and Saving Energy
- Embedded Intelligent Classification Algorithm (Human / Vechicle)
- Remote Viewing with Mobile Application Compatible with ZKBio CVSecurity
- Metal Casing Design and Reached IP67 Protection Rating Standard for Waterproof and Dust Proof
- Perimeter Protection
- Support Multiple Browsers Web Client
- H.265 HEVC
- 120dB True WDR



ZKBio Sense Smart Scene and Thermal Series

The front-end cameras of intelligent video surveillance solution

Scene and thermal imaging products are especially focusing on the special application scenarios. With their unique features, such as panorama view, thermal imaging, active deterrence, car license plate recognition, etc, they can better meet users' demands and cover more different application scenarios. Most of them can accurately detect and recognize humans and vehicles targets, which will greatly reduce the false alarms and improve the efficiency.

- Fire Detection
- Embedded Intelligent Classification Algorithm (Human / Vechicle)
- Remote Viewing with Mobile Application Compatible with ZKBio CVSecurity
- Temperature Detection
- Perimeter Protection
- Wide Angle View(180° / 360°)
- Car License Plate Recognition
- Sound-light Alarm for Active Deterrence



ZKIVA-Edge X1

The intelligent video analytics edge computing server of intelligent video surveillance solution

The ZKIVA-Edge X1 is an advanced edge computing platform engineered for sophisticated video analytics and access control integration. Built on cutting-edge computer vision and deep learning technology, this system delivers comprehensive security management through its high-performance computational architecture. It is especially designed for seamless integration in complex environments from industrial facilities to urban campuses.

- Facial Authentication
- Human & Vehicle Analysis
- Human Behavior Analysis
- Multiple Intelligent Video Analytics
- Perimeter Alarm
- H.264 & H.265 Video Compression



ZKBio Sense Series
Network Video Recorder

The back-end storage station of intelligent video surveillance solution

The NVR can support 24/7 continuously recording all video and intelligent alarm events generated by the front-end IP Cameras, and stored safely into hard drives by human & vehicle classification. After the event, the NVR can allow users to efficiently retrieve and playback the target video evidence, especially for the key types of targets: humans, vehicles and objects, to focus more on the effective video clips and alarm events.

Embedded With Smart Human and Vehicle Classification Algorithm

Multiple Intelligent Video analytics Functions (Up to IPC) Displaying

Support Multiple Web Browsers Login

P2P Cloud Service Supported



Interactive Whiteboard Systems

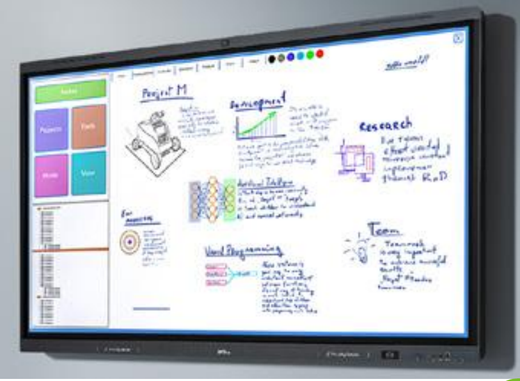
ZKTeco interactive whiteboards are widely applied to education and conference scenarios, which integrated with screen sharing, whiteboard writing, video conferencing and document viewing functions. The 4K UHD screen displays delicate images and multi-level colors. The smooth touch screen writing experience allows unlimited extension of ideas. The built-in camera makes video conference more convenient and efficient.



Interactive Whiteboard

Powerful Interaction, Efficient Collaboration

SC02-I565/75/86A, SC02-I365/75/86A, ZK-IWB65/75/86BE



- 4K UHD Display
- Tempered Glass Coated With AG Surface
- Support 500(Max) Nits
- Dual-system Switchover
- Support 50 (Max) Point Touch
- Bulit-in Speaker
- 8 Microphones Array (Except BE series)
- Built-in 48MP Camera (Except BE series)
- Wireless Projection By PC / Pad / Mobile Phone
- Reader & Mirroring

Model	SC02-I565A	SC02-I575A	SC02-I586A	SC02-I365A	SC02-I375A	SC02-I386A	ZK-IWB65BE	ZK-IWB75BE	ZK-IWB86BE
Appearance									
Screen Parameters									
Screen size	65-inch	75-inch	85-inch	65-inch	75-inch	85-inch	65-inch	75-inch	85-inch
Backlight	D-LED			D-LED			D-LED		
Backlight life	50,000 hours (min.)(typ.)			50,000 hours (min.)(typ.)			30,000 hours (min.)(typ.)		
Resolution	3840 × 2160 (pixels)			3840 × 2160 (pixels)			3840 × 2160 (pixels)		
Brightness	400cd/m²(typ.)			450cd/m²(typ.)			400cd/m²(typ.)		
Response Time	≤ 6.5ms	≤ 6.5ms	≤ 8ms	≤ 8ms	≤ 8ms	≤ 8ms	≤ 6.5ms	≤ 8ms	≤ 8ms
Refresh Frequency	60Hz			60Hz			60Hz		
Aspect Ratio	16 : 9			16 : 9			16 : 9		
Bonding Technology	The gap between tempered glass and screen is close to 0			The gap between tempered glass and screen is close to 0			The gap between tempered glass and screen is close to 0		
Touch Parameters									
Touch Points	up to 50			up to 50			up to 40		
Touch Response Time	≤ 2.5ms			≤ 3ms			≤ 5ms		
Anti-Glare	High transparent+Smooth+Anti-glare			High transparent+Smooth+Anti-glare			High transparent+Smooth+Anti-glare		
Glass Hardness	9H (Pencil Hardness) ; 7(Mohs Hardness) Tempered Glass			9H (Pencil Hardness) ; 7(Mohs Hardness) Tempered Glass			9H (Pencil Hardness) ; 7(Mohs Hardness) Tempered Glass		
Writing Height	≤ 1mm			≤ 1mm			≤ 3mm		

Model		SC02-I565A	SC02-I575A	SC02-I586A	SC02-I365A	SC02-I375A	SC02-I386A	ZK-IWB65BE	ZK-IWB75BE	ZK-IWB86BE
System										
CPU		Quad core A76 + Quad core A55			Quad core A73 + Quad core A53			Quad core A55		
GPU		Mali-G610 MP4			Mali-G52 MP8			Mali-G52 MP2		
Memory (RAM)		8GB (16GB)			8GB			4GB (8GB Optional)		
Storage (ROM)		128GB (256GB)			128GB			32GB (128GB Optional)		
Operating System		Android 13.0 / Windows 11 (Optional)			Android 14.0 / Windows 11 (Optional)			Android 13 / Windows 11 (Optional)		
Connectivity										
WiFi		WiFi 6: 802.11 ax / b / g / n/ac			WiFi 6: 802.11 ax / b / g / n / ac			WiFi 5: 802.11 b / g / n / ac		
Bluetooth		BT 5.2: 2.1 + EDR / 4.2 / 5.2			BT 5.1: 2.1 + EDR / 4.2/5.1			BT 5.1: 2.1 + EDR / 4.2/5.1		
NFC (Read Card & Screencast)		ISO / IEC 14443 A ; ISO / IEC 14443 B			ISO / IEC 14443 A ; ISO / IEC 14443 B			/		
Built-in Peripherals										
Camera	Pixel	48 Megapixels			48 Megapixels			/		
	Face tracking	Support			Support			/		
	Sound localization	Support			Support			/		
Microphone	Array quantity	8 microphones array			8 microphones array			/		
	Pickup Range	0 ~ 12m			0 ~ 12m			/		
	3D noise reduction	Support			Support			/		
	AEC & AGC	Support			Support			/		
Speaker		2*8W + 2*18W			2*20W + 1*20W (Subwoofer optional)			2*16W		
EDLA										
Google EDLA Certified		YES			YES			/		



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