ZKT eco ®

ZKSoftware | ZKAccess | ZKiVision | ZKAFIS | ZKBiolock

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The Leading Provider
of Security and Time
Management Solutions

www.zkteco.com 》》》

Company Introduction:

ZKTeco is a leading global developer of security and time management solutions. It is subdivided into 5 distinct business segment/divisions which are known as: ZKSoftware, ZKAccess, ZKiVision, ZKBiolock and ZKAFIS. Each ZKTeco division has a dedicated team of professionals to serve worldwide customers and partners. At our state-of-the-art 50,000 square meters ISO9001-certified R&D/Trial and Manufacturing centre, we control product design, manufacturing, component assembly and logistics/shipping -- all under one roof.

ZKTeco has over 2000 people at its headquarters. And ZK has built international sales and service network, including the branch offices/subsidiaries in USA, Spain, Brazil, South Africa, Dubai, Indonesia, Mexico, Thailand, India, Egypt, Vietnam, Argentina, etc. as well as partners, distributors, dealers in over 200 countries. The global network further enhances our ability to provide local product/logistic support and service to our customers efficiently.

ZKTeco has sold over 8.5 million units and serves customers in over 200 countries. Currently ZKTeco controls 80% market share in China and 40% worldwide market share and growing. It has been awarded 85 patents and earned a reputation for technical innovation, high quality, reliability and speed-to-market. These are just a few reasons why OEM, ODM, software developers, integrators, dealers and end users turn to ZK.

E.U. Branch | S.A. Branch | U.S.A. Branch | Dubai Branch | Egypt Branch

Mexico Branch | Brazil Branch | Indonesia Branch | India Branch | Thailand Branch

ZK's footprints can be seen all over the world. Based on ZK's unrelenting pursuit for innovation and technical achievement, some of the world's famous companies adopt ZK's products. Such as:

UNITED | UPS | Carrefour
McDonald's | Sands LAS VEGAS SANDS CORP. | BrasilTelecom
Bangkok Airways | Saudi Aramco | EL AL
mandiri | Nike | TOYOTA
adidas | TNT | Walmart
KFC | HARIBO | DHL
NIVEA | HSBC | SAINT-GOBAIN

Nowadays, each year we are repeatedly award the "Top 10 Chinese Security Brand" in the past 6 years.

AWARD 2012

2012 Top 10 Chinese Security Brand

Time & Attendance

From an office with five employees, to a large manufacturer with 50,000, every organization has to track the work-time of its employees, control access to certain areas and quickly identify staff or materials. Because every industry is different, ZKSoftware offers a large selection of Time & Attendance solutions to manage such tasks.

Access Control

Restricting access to sensitive areas by controlling key access points is important to organizations. ZK Readers help companies maintain security through efficient and reliable Access Control. Using card and fingerprint ZK Readers, firms can authorize which staff can open which doors on specific days or times.

Border Security

ZKAFIS provides large-scale fingerprint matching solutions and safer, faster, accurate and convenient security services, which can be used in border inspection and make online matching more accurate and improve homeland security.

Hotel Check-in

A simple flash of an ID card, or touch of the finger, enables guests at major hotels and resorts to access and secure rooms and facilities using our Readers.

Airport Security

ZK Readers protect passengers, aircraft and cargo at airports worldwide by restricting access to secure areas. Only authorized staff can gain entry via face, fingerprint and/or flash card identification.

Crowd Control & Management

At large events, crowd control and management is a major challenge.Our products are integrated with applications that read and register the tickets of concertgoers, permit only authorized staff to enter secure areas and much more.

Locker Control

At fitness clubs, airports and storage facilities, ZK Readers work with industry applications to secure access to lockers and protect valuables, while also affording easy access for locker owners.

Time and Attendance Management Solution

ZKSoftware devotes to developing advanced Multi-biometric and RFID time attendance products and solutions. It provides full range of solutions including various fingerprint, RFID and/or face identification time clocks, portable time clocks, time and attendance management software, etc. It can meet the demand of almost all the company of different size.
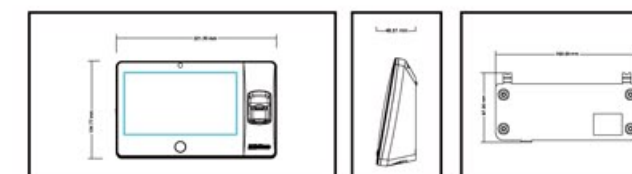
New Products

Biopad100

7 Inches Touch Screen Time and Attendance Terminal

- Card capacity: 10000
- Fingerprint templates: 6000
- Record Capacity: 300000
- Standard built-in Wi-Fi
- Built-in 300,000 pixels camera
- Functions: SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, etc.
- Options: ID/Mifare/HID, 14 digit user ID, ADMS, Backup battery, SD card

Biopad100 Video

S922

Portable Fingerprint Time and Attendance Terminal

- Fingerprint capacity:5000（Standard）/10000（Optional）
- Card capacity:30000
- Record capacity:200000
- Built-in 7600 mAh battery
- IP65 rated protection grade; Shock proof (1m above the ground)
- Functions：ADMS, Work-code, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 Input, etc.
- Communication：TCP/IP, USB-host
- Options: GPRS, Wi-Fi, 3G (WCDMA), Proximity Card or Mifare Card.

Face Time Attendance Terminal

	VF300	**VF600**	**VF700**
	VF300 Video		
Display	3 Inches Touch Screen	3 Inches Touch Screen	3 Inches Touch Screen
Face Capacity	800(Standard)/1200(Optional)(1:N)	800(Standard)/1200(Optional)(1:N)	800(Standard)/1200(Optional)(1:N)
ID Card Capacity	10,000	10,000	10,000
Record Capacity	100,000	100,000	100,000
Communication	TCP/IP, USB Host	TCP/IP, USB(host and client)	TCP/IP, USB(host and client)
Standard Functions	/	Wi-Fi	Wi-Fi
	ID Card ,Automatic Status Switch, T9 Input , 9 Digit User ID, Photo ID , Self-Service Query，Work Code , DST		
Optional Function	Mifare Card.	Mifare Card.	Mifare Card.
Verification Speed	≤1 sec	≤1 sec	≤1 sec
Dimensions(W×H×T)	104.70×160.00×36.00 (mm)	104.70×160.00×36.00 (mm)	104.70×160.00×36.00 (mm)

	VF380	**VF680**	**VF780**
Display	3 Inches Touch Screen	3 Inches Touch Screen	3 Inches Touch Screen
Face Capacity	800(Standard)/1200(Optional)(1:N)	800(Standard)/1200(Optional)(1:N)	800(Standard)/1200(Optional)(1:N)
ID Card Capacity	10,000	10,000	10,000
Record Capacity	100,000	100,000	100,000
Communication	TCP/IP, USB Host	TCP/IP, USB(host and client)	TCP/IP, USB(host and client)
Standard Functions	/	Wi-Fi	Wi-Fi
	ID Card ,Automatic Status Switch, Work Code ,T9 Input, 9 Digit User ID, Photo ID ,DST ,Self-Service Query, Short Message, Third Party Electric Lock, Door Sensor, Exit Button.		
Optional Function	Mifare Card.	Mifare Card.	Mifare Card.
Verification Speed	≤1 sec	≤1 sec	≤1 sec
Dimensions(W×H×T)	104.70×160.00×36.00 (mm)	104.70×160.00×36.00 (mm)	104.70×160.00×36.00 (mm)

Multi-Bio Time Attendance Terminal

- 4.3 inches Touch Screen, Touch Keypad
- Face capacity: 1200
- Fingerprint capacity: 3,000
- ID card capacity: 10,000
- Record capacity: 100,000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, etc.
- Communication: TCP/IP, USB Host, RS232/485, Wiegand Out, Access Control interface for 3rd party Electric Lock, Door Sensor, Exit Button
- Options: Mifare card, Wi-Fi, GPRS

iFace202

iFace302

iFace402

- 4.3 inches Touch Screen, Touch Keypad
- Face capacity: 1200
- ID card capacity: 10,000
- Record capacity: 100,000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, etc.
- Communication: TCP/IP, USB Host, RS232/485, Wiegand Out, Access Control interface for 3rd party Electric Lock, Door Sensor, Exit Button
- Options: Mifare card, Wi-Fi, GPRS

iFace201

iFace301

iFace401

Fingerprint Time Attendance Terminal

8 inches TFT Touch Screen

- Operation System: Linux /WinCE
- Fingerprint capacity: 8,000
- Record capacity 200,000
- Attendance Features: SMS, Workcode, DST, Scheduled Bell, Photo-ID etc.
- Communication: TCP/IP, USB Host, RS232/485, and Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button
- High Resolution Camera, Backup Battery
- Options: GPRS, Wi-Fi, Printer

iClock2800

iClock3800

3.5 inches TFT Time Attendance & Access Control Serials

- Fingerprint capacity: 8,000
- Record capacity: 200,000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, Photo-ID etc
- Communication: TCP/IP, RS232/485, USB Host, Wiegand In&Out, and Access Control Interface for Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell, Anti-passback
- Options: ID card, Mifare card,Wi-Fi

iClock480

iClock580

iClock680

iClock700

iClock880

3.5 inches TFT Time Attendance Serials

- Fingerprint capacity: 8,000
- Record capacity: 200,000
- Communication: TCP/IP, USB Host, RS232/485
- Attendance Features: SMS, Workcode, DST, Scheduled bell, Photo ID etc.
- Options: ID card, Mifare card, Wi-Fi

iClock260

iClock360

iClock460

iClock660

3 inches TFT Time Attendance Serials

- Fingerprint capacity: 3,000
- Record capacity: 100,000
- Communication: TCP/IP, RS232/485
- Attendance Features: SMS, Workcode, DST, Scheduled bell, etc.
- Options: ID card, Mifare card

X628-C

X628-TC

A7-C

A8-C

B3-C

U160-C

U260-C

U300-C

U560-C

T4-C

T5-C

T6-C

TK100-C

DS100

Dual-sensor Time & Attendance terminal

- Card capacity: 10000
- Fingerprint templates:6000
- Record Capacity: 100,000
- Color TFT screen with GUI Interface
- Communication: TCP/IP,USB-host
- Options: ID/Mifare, Wi-Fi, GPRS, Photo ID, printer, Backup battery, SD card

DS100 Video

RFID Time Attendance Terminal

IM2500

- Operation System: Linux /WinCE
- 8 inches TFT touch screen, High Resolution Camera, Backup Battery
- ID Card Capacity: 30,000
- Record capacity: 100,000
- Communication: TCP/IP, USB Host, RS232/485
- Attendance Features: SMS, Workcode, DST, Scheduled bell, Photo-ID etc.
- Options: ID card, Mifare card, Wi-Fi, GPRS
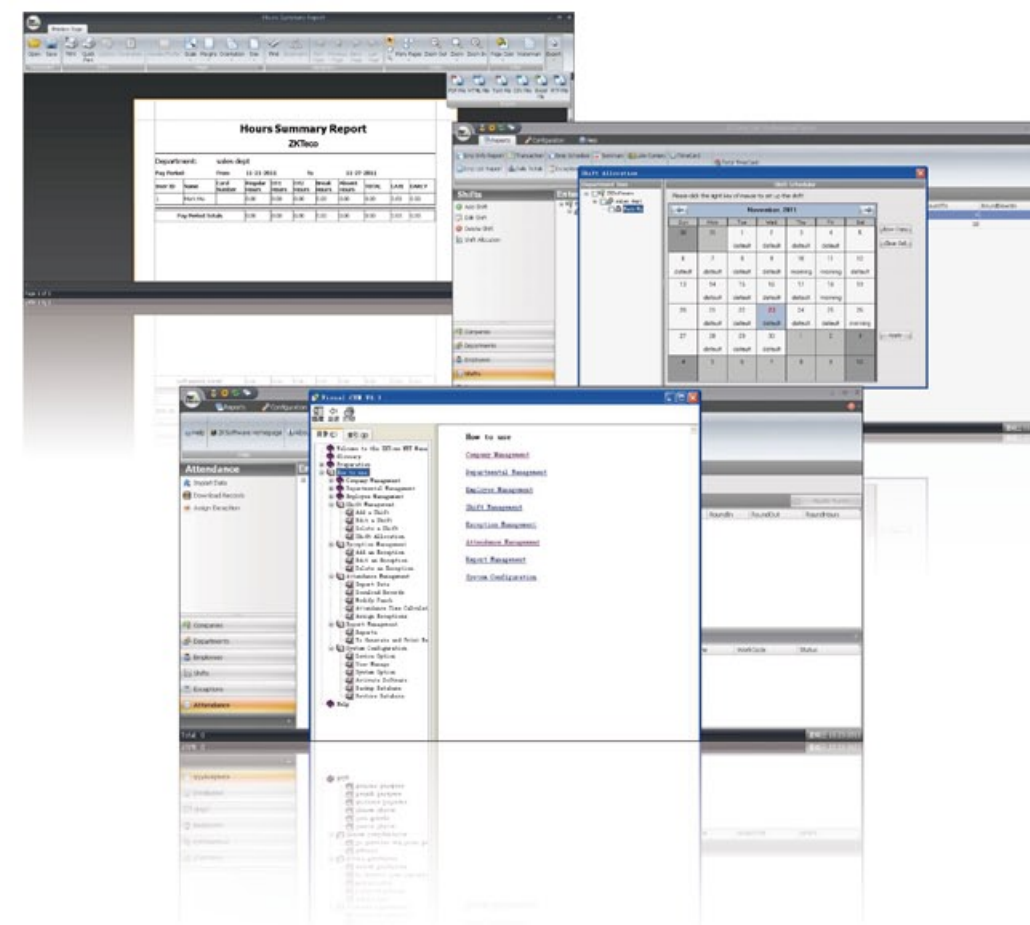

S680   ## S880

- 3.5 inches TFT
- High resolution camera(S880)
- ID Card Capacity: 10,000
- Record capacity: 50,000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, Photo-ID etc.
- Communication: TCP/IP, USB Host, RS232/485, Access Control Interface for Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell, Anti-passback
- Options: ID card, Mifare card, Wi-Fi, GPRS

- 3.5 inches TFT
- ID Card Capacity: 10,000
- Record capacity: 50,000
- Attendance Features: SMS, Workcode, DST, Scheduled bell, Photo-ID etc.
- Communication: TCP/IP, USB Host, RS232/485
- Options: ID card, Mifare card, Wi-Fi, GPRS

S400   ## S500

Time Attendance Software Solution

ZK provides total software solutions to meet different requirements, including PC- based and Web-based software.

ZKTime.net

ZKTime.Net is a PC-based time & attendance software application which has a very user-friendly interface. With ZKTime.net users can easily create work-shifts and produce dozens of timely reports. An online comprehensive Help file is available to answer all your questions.

With ZKTime.Net your employee-time reports will be created faster and error-free.

Access Control Management Solution

ZKAccess is a division of ZKTeco, which engaged in access control products and solutions. The product line includes IP-based standalone access control, networked access control panel, readers, guard control and accessories. We provide one-stop R&D and manufacturing service for business partner.

IP-based Standalone Access Control Terminals

Finger Vein Identification Terminal

FV200

- 3" TFT Touch Screen Display
- Finger Vein Capacity: 2000
- Log Capacity: 100000
- Communication: TCP/IP, RS232/485, USB Host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

Multi-Biometric Identification Terminal

MultiBio700

- Communication: TCP/IP, RS485, RS232, USB-host
- Face Capacity: 500
- Fingerprint Capacity: 2000
- Log Capacity: 100000
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell

Face Identification Terminal

FAC700

- Communication: TCP/IP, RS485, RS232, USB-host
- Face Capacity: 500
- Log Capacity: 100000
- Wiegand input and output
- Access control interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, and Doorbell

Fingerprint Identification Terminals

F18

- 2.4 inches TFT Color Screen
- Fingerprint Capacity: 3000
- Log Capacity: 30000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

TF1700

- IP65 Waterproof
- OLED Screen
- Fingerprint Capacity: 3000
- Card Capacity: 10000
- Log Capacity: 30000
- Communication: TCP/IP, RS485, USB-host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

LA9000

- IP65 Waterproof
- Applicable to work in low temperature that range from - 40℃ to 45℃
- Fingerprint Capacity: 3000
- Card Capacity: 30000
- Communication: TCP/IP, RS485
- Wiegand Input and Output
- Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

F702-S

- Fingerprint Capacity: 2200
- Log Capacity: 50000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

F8

F8-T

MA500

- Metal Casing with IP65 Waterproof
- Fingerprint Capacity: 3000
- Card Capacity: 30000
- Log Capacity: 100000
- Communication: TCP/IP, RS485
- Wiegand Input and Output
- Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

MA300

- Metal Casing with IP54 Waterproof
- Fingerprint Capacity: 1500
- Card Capacity: 10000
- Log Capacity: 100000
- Communication: TCP/IP, RS485,USB-host
- Wiegand Input and Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

LA2000-Venus /LA2000-Mercury

- Fingerprint Capacity: 2200/8000
- Log Capacity: 30000/200000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Lumidigm Venus Sensor/Lumidigm Mercury Sensor
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

SF101

- Metal Casing
- Fingerprint Capacity: 200
- Card Capacity: 100
- Log Capacity: 30000
- Communication: RS485, RS232, USB-client
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

X7

- Fingerprint Capacity: 200
- Card Capacity: 2000
- Password Capacity: 8 Groups
- Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

F11

- Fingerprint Capacity: 1500
- Card Capacity: 10000
- Communication: TCP/IP, RS485,RS232
- Wiegand Output
- Access Control Interface for 3rd party Electric Lock, Exit Button, Alarm

F6

- Fingerprint Capacity: 500
- Log Capacity: 30000
- Communication: RS485, SD Card
- Wiegand Output
- Access Control Interface for 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

RFID Identification Terminals

SC103　　**SC403**　　**SC503**

- Card Capacity: 30000
- Log Capacity: 50000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Professional Time Attendance Function including SMS, Workcode, DST, Scheduled Bell, Photo-ID etc.
- Access Control interface for 3rd party Electric Lock, Door Sensor, Exit Button, alarm, Door Bell

SCR100

- Card Capacity: 30000
- Log Capacity: 50000
- Communication: TCP/IP, RS485, RS232, USB-host
- Wiegand Input and Output
- Access Control interface for 3rd party Electric Lock, Door Sensor, Exit Button, alarm, Door Bell

SC700

- 3" TFT Touch Screen Display
- Card Capacity: 30000
- Log Capacity: 100000
- Communication: TCP/IP, USB-host
- Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

R6

- Metal Casing with IP65 Waterproof
- Card Capacity: 2000
- Password Capacity: 8 Groups
- Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell

Guard Tour Patrol System

Guard Patrol Application

A guard tour patrol system is a system for logging the rounds of employees in variety of situations such as security guards patrolling property, technicians monitoring climate-controlled environments, and correctional officers checking prisoner living areas. It helps ensure that the employee makes his or her appointed rounds at the correct intervals and can offer a virtually indisputable record for legal or insurance reasons.

Guard Patrol Terminal

GP100

- Fingerprint Capacity: 500
- Fingerprint Algorithm Version: ZKFinger 10.0
- Standard with ID card reader, optional Mifare card reader
- Card Capacity: 1000
- Log Capacity: 30000
- Communication: USB Client

Access Control Panel

Key Features:

Truly Internal Biometric Identification:
InBIO matches fingerprints on the panels. The FR Series readers transmit fingerprint templates to inBIO via RS485 for fast and accurate matching with templates stored in the database. Wiegand inputs are also provided for traditional RFID readers.

Door Control and More:
Along with relay contacts for controlling door locks, easily programmable auxiliary relays can be used for additional control and interface to lights, alarms, intrusion detection panels, or even extra locking devices or gate controllers.

Communicaiton:
The controllers can be easily installed on your network and support both TCP/IP and RS-485 communication. Auto-discovery tool allows setting and modification of network parameters directly and easily.

Options:
Three different sizes of controllers can suit various project needs and reduce the cost of unnecessary capacity. 1-door, 2-door, and 4-door models can be mixed and matched in optimized system architecture.

Capacity:
The system supports up to 3000 fingerprint templates, 30,000 badge users and stores up to 100,000 events and transactions. Data is preserved if there is power outage. Controller can continue operating if network connection is interrupted.

Built-in Advanced Access Control Functions:
Anti-passback, First-Card opening, Multi-Card opening, Duress Password Entry, and Auxiliary input/output linkages are built into controller firmware.
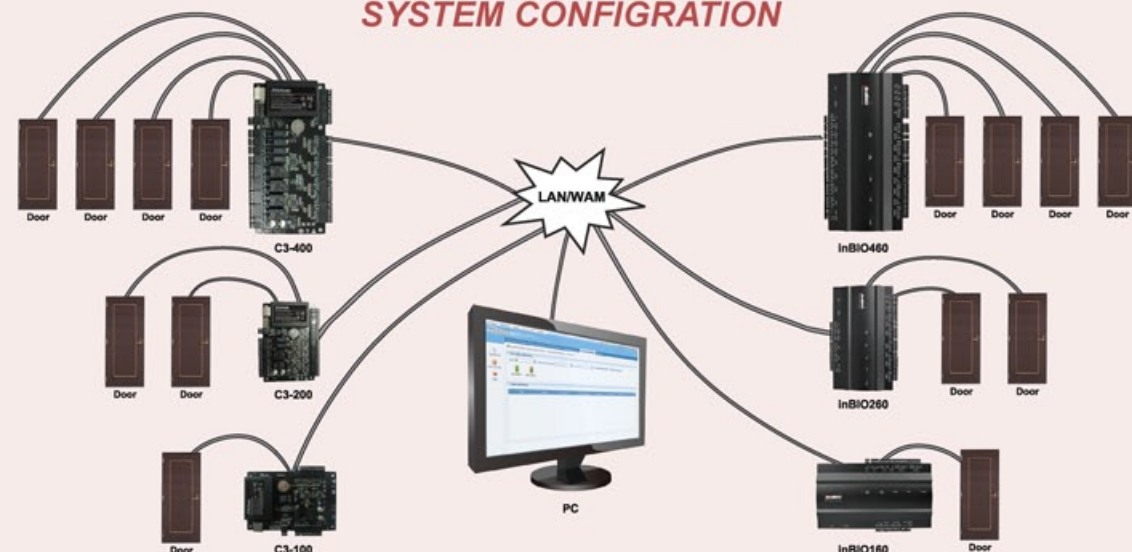
Lowest Total Cost:
The controller firmware can be upgraded in the field. New controller features can be loaded to extend and expand your investment value without any advanced tools.

For Software Developers:
Free SDK is available for integrators and OEMs to integrate the controller with their or existing security or personnel management applications. Upon request, ZK can customize firmware to meet any customer requirements.

SYSTEM CONFIGRATION

Networked Access Controller

	C3-100	C3-200	C3-400
Card Capacity:	30000	30000	30000
Event Capacity:	100000	100000	100000
Communication:	TCP/IP, RS485	TCP/IP, RS485	TCP/IP, RS485
Wiegand Input:	2ea	4ea	4ea
Aux.output:	1ea	2ea	4ea
Aux.input:	none	2ea	4ea

Biometric Networked Access Controller

	inBIO160	inBIO260	inBIO460
Card Capacity:	30000	30000	30000
Fingerprint Capacity:	3000	3000	3000
Event Capacity:	100000	100000	100000
Communication:	TCP/IP, RS485	TCP/IP, RS485	TCP/IP, RS485
Wiegand Input:	2ea	4ea	4ea
Aux.output:	1ea	2ea	4ea
Aux.input:	1ea	2ea	4ea
Aux:	RS485 for Fingerprint Reader	RS485 for Fingerprint Reader	RS485 for Fingerprint Reader

Application

Real-time Monitoring
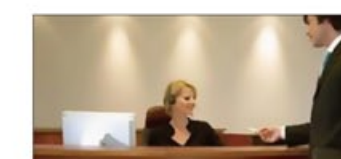

Vehicle Access

Elevator Control

Surveillance Linkage

Time & Attendance

Visitor Management

Elevator Controller

EC10

Elevator control and more

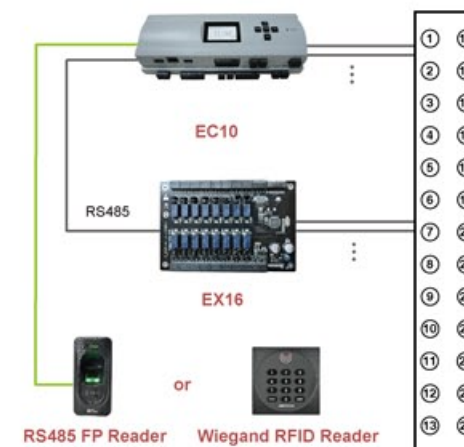| Model Number	EC10
Number of Floors	10 Floors
Number of readers supported	1 reader
Type of readers supported	Wiegand reader and RS485 FP reader
Card holder Capacity	30000
Fingerprint Capacity	3000
Log Event Capacity	100000
Communication	TCP/IP and RS485
CPU	32bit 400MHz
RAM	32M
Flash Memory	128M
Power	9.6V-14.4V DC
Operating Temp	0℃- 45℃
Operating Humidity	20% to 80%

EX16

Extension Board to control 16 floors

Elevator Control System

Elevator controller EC10 controlling 10 floors elevator keypad, extension relay board EX16 can connect with the master controller to control another 16 floors.

EC10

RS485

EX16

RS485 FP Reader   or   Wiegand RFID Reader

Fingerprint Reader

FR1200

- IP65 Water Proof
- Fingerprint Identification
- Read 125K Proximity Card
- Communication to Master Controller: RS485

RFID Wiegand Reader

- Water-proof
- 125KHz Proximity/13.56MHz Mifare Card Reader
- 26bit/34bit Wiegand Out
- Extend LED/Buzzer Control

KR100E/M	KR101E/M	KR102E/M	KR200E/M	KR201E/M	KR202E/M	KR300

KR500E/M	KR501E/M	KR502E/M	KR503E/M	KR600E/M	KR601E/M	KR602E/M

KR1000

- Water-proof
- 125KHz Proximity Card Reader
- 90-120cm Read Range
- Buzzer Control
- 26bit Wiegand Out

Accessory

Electric Lock

| Magnetic lock | Electric Bolts | Electric Strikes |

Exit Button

| K1-1 | K1-1D | EX-802 |

Card & Tag

Break Glass Button

Sensor and Siren

RS232-485 Convertor
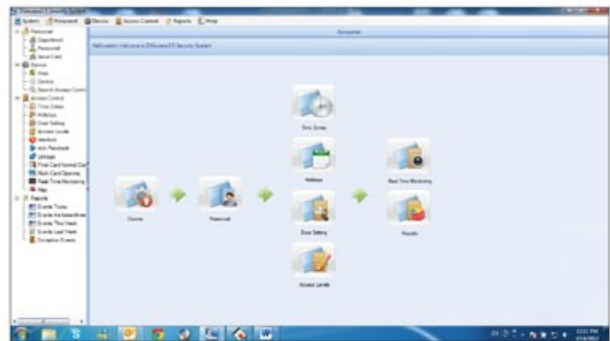

ZK4500

CR10E/M

Software

ZKAccess 3.5

IP access control management software for SME

ZKAccess 5.0 PRO

Integrated access control management software

Note: The 2013 version of FV200, TF1700, F18, F8, F702-S, MA500, MA300, LA9000, SC700, SC103 and SC503 are compatible with ZKAccess 3.5 and ZKAccess 5.0 PRO

Software Information:

		ZKAccess 3.5	ZKAccess 5.0 PRO
System	License	Free	Yes
	System Architecture	Server/Client	Server/Browser
	DB	Access, MSSQL	MySQL, MS SQL
	Max. Device	20	1024
Access Control	Time Zone	255	255
	Access Level	No limitation	No limitation
	Anti-pass back	Yes	Yes
	Visual Map	Yes	Yes
	Event monitoring	Yes	Yes
	Linkage	Yes	Yes
	Interlock	Yes	Yes
	Multi-card opening	Yes	Yes
	First-card opening	Yes	Yes
	Passage Mode	Yes	Yes
	Video integration	N/A	Yes
	Visitor Management	N/A	Yes
	Elevator Control	N/A	Yes
Time Attendance	Work time calculation	Yes	N/A
	Shift Management	Weekly	N/A
	Holiday/Leave Management	Yes	N/A
	Report	Yes	N/A
	In/Out board	Yes	N/A

ZKiVision

The leading provider of intelligent surveillance & security products and solutions

Established in 2010, ZKiVision is an IP based Video Surveillance solution division of ZKTeco which focuses on providing competitive, feature rich security products like IP cameras, NVRs, Face identification and integrated with access control system.

Why ZKiVision ?

Completed Network Video Surveillance Products Lines

Video-based Face Identification Solutions

Video Surveillance & Access Control System Integration Solutions

IP Camera Product Line

IR Weatherproof Bullet

ZKIR3

- Video Compression: H.264
- Highest Resolution: Megapixel (1280*720)
- Image Sensor: 1/3.2"CMOS
- Lens: 4 or 12mm fixed lens
- IR Distance: 15 or 30m
- Sensitivity: 0.1Lux or 0Lux（IR on）
- Protection Rating: IP66
- Storage: Up to 32 GB TF Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485controller, Reset
- Optional Function: POE, Wi-Fi,WDR
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

Standard Box

ZKIP3

- Video Compression: H.264
- Highest Resolution: Megapixel (1280*720)
- Image Sensor: 1/3.2"CMOS
- Sensitivity: 0.1Lux/F1.2
- Storage: Up to 32 GB SD Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485controller, Reset
- Optional Function: POE, Wi-Fi,WDR
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

IR Vandal-proof Dome

ZKMD3

- Video Compression: H.264
- Highest Resolution: Megapixel (1280*720)
- Image Sensor: 1/3.2"CMOS
- Lens: 4~9mm
- IR Distance: 10~15m
- Sensitivity: 0.1Lux or 0Lux（IR on）
- Protection Rating: IP66
- Storage: Up to 32 GB TF Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485controller, Reset
- Optional Function: POE, Wi-Fi,WDR
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

Mini Dome

- Video Compression: H.264
- Highest Resolution: Megapixel (1280*720)
- Image Sensor: 1/3.2"CMOS
- Lens: 3.6mm / 6.0mm fixed lens
- Sensitivity: 0.1Lux/F1.2
- Storage: Up to 32 GB TF Card local storage
- Standard Function: Remote surveillance, TF card storage, Reset
- Optional Function: POE, Wi-Fi, WDR
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

6-inch High Speed Dome

ZKSD3

- Video Compression: H.264
- Highest Resolution: 480TVL
- Image Sensor: 1/4"SONY CCD
- Sensitivity: 0.1Lux
- Zoom: 18X Optical, 12X Digital
- Horizontal Speed: 0.1°~ 250°/S
- Vertical Speed: 0.1°~ 100°/S
- Tilt Movement: 0°~ 92°tilt
- Storage: Up to 32 GB SD Card local storage
- Standard Function: Alarm, Two-way voice intercom, 485 controller, Reset
- Optional Function: Wi-Fi

4.5-inch High Speed Dome

ZKSD4

- Super low Illumination
- 650TVL high resolution
- English OSD menu is optional
- High speed 360 degree continuous pan

Indoor   Outdoor

Cube

ZKIP4

- Video Compression: H.264
- Highest Resolution: Megapixel (1280*720)
- Image Sensor: 1/3.2" CMOS
- Lens: 6 mm fixed lens
- IR: Embedded Array IR LED
- WDR: >100db
- Sensitivity: 0.05 Lux/F1.2 at mini.
- Storage: Up to 32 GB TF card local storage
- Standard Function: Built-in microphone and loudspeaker, two-way voice intercom
- Optional function: POE, Wi-Fi
- Network Protocol: TCP/IP, HTTP, UDP, ARP, SMTP, FTP, DHCP, NTP

Network Video Recorder

4 Channels NVR

ZK-NV0401

- 4-ch IP video input and 720P video record 25fps real-time
- With VGA and CVBS
- Support playback while record in one channel
- H.264 compression
- Support multi DDNS (Oray, 3322, dyndns)
- Support using mouse to conveniently control the PTZ
- With 1 SATA, support TB hard disk
- Support audio talkback

8 Channels NVR

ZK-NV0802

- 8-ch IP video input and 720P video record 25fps real-time
- With HDMI, SPOT, VGA and CVBS
- Support playback while record in 2 channels
- H.264 compression
- Support multi DDNS (Oray, 3322, dyndns)
- Support using mouse to conveniently control the PTZ
- With 2 SATAs, support TB hard disk
- Support audio talkback

ZKiVision

Analog Camera Product Line

Day & Night IR Camera with Face Detection

ZK-SIR283F

- HD image restoration, optical frequency multiplication wide dynamic
- Digital slow shutter, light inhibition, light compensation for face detection, face list, face detection
- Digitally getting clear picture from the fog environment
- 3D/2D Noise Reduction (HDNR)
- Color scroll suppression, automatic backlight compensation, intelligent IR exposure
- 256 times digital zoom, face dynamic zoom
- RS-485 remote control, multi-layered translucent menu
- Multi-layered automatic functions (auto exposure, auto-gain, auto white balance, auto iris control, auto focus detection)
- Image quality settings (brightness, contrast, saturation, sharpness, hue)

Day & Night 20M IR Waterproof Camera

ZK-SIR212/SIR222

- Super low illumination color CCD，420TVL
- 30 built-in Φ5mm IR lamps and better night vision effect
- Night vision projection distance of 30m
- 3.6mm and 6mm lens optional
- Auto backlight compensation
- Waterproof metal body, IP66-rated

Day & Night 20M IR Dome Camera

ZK-SMD212/SMD222/SMD282

- 420TVL / 700TVL(SMD282)
- Super low illumination color CCD
- 24 built-in Φ5mm IR lamps
- Night vision projection distance of 20m
- 3.6mm lens as default and 6mm lens optional
- OSD menu support, external OSD menu control line
- Light inhibition, 2D noise reduction, privacy masking
- Unique and easy installation without dismantling the base
- Waterproof metal body

Day & Night 30M IR Waterproof Camera

ZK-SIR223/SIR283/SIR293

- 420TVL(SIR223)/700TVL(SIR283)/600TVL(SIR293)
- Super low illumination color CCD
- 30M IR distance
- Night vision projection distance of 30m
- Auto and manual backlight compensation
- 6mm fixed lens as default (4mm and 8mm lens optional)
- OSD menu support, external OSD menu control line
- Light inhibition, 2D noise reduction, privacy masking
- Waterproof metal body, IP66-rated

Day & Night 50M IR Waterproof Camera

ZK-SIR225/SIR285/SIR295

- 420TVL(SIR225)/700TVL(SIR285)/600TVL(SIR295)
- Super low illumination color CCD
- 50M IR distance
- Night vision projection distance of 50m
- Auto and manual backlight compensation
- 8mm fixed lens as default (6mm and 12mm lens optional)
- OSD menu support, external OSD menu control line
- Light inhibition, 2D noise reduction, privacy masking
- Waterproof metal body, IP66-rated

Day & Night 80M IR Waterproof Camera

ZK-SIR228/SIR288/SIR298

- 420TVL(SIR228)/700TVL(SIR288)/600TVL(SIR298)
- Super low illumination color CCD
- 80M IR distance
- Night vision projection distance of 80m
- Auto and manual backlight compensation
- 12mm fixed lens as default 16mm lens optional)
- OSD menu support, external OSD menu control line
- Light inhibition, 2D noise reduction, privacy masking
- Waterproof metal body, IP66-rated

ZKiVision

4.5-inch High Speed Dome

ZK-SSD420

- Super low Illumination
- 650TVL high resolution
- English OSD menu is optional
- High speed 360 degree continuous pan
- IP66 rating

4.5-inch High Speed Dome

ZK-SSD422

- Super low Illumination
- 650TVL high resolution
- English OSD menu is optional
- High speed 360 degree continuous pan

6-inch High Speed Dome

ZK-SSD320/SSD330

- Super low Illumination
- 650TVL high resolution
- English OSD menu is optional
- High speed 360 degree continuous pan
- IP66 rating

9-inch High Speed Dome

ZK-SSD328/338

- Super low Illumination
- 650TVL high resolution
- English OSD menu is optional
- High speed 360 degree continuous pan
- IP66 rating

Digital Video Recorder

4 Channels DVR

ZK-DV0401

- 4-ch video input
- With VGA and CVBS
- Support playback while record in 4 channels
- H.264 compression
- Support multi DDNS(Oray,3322,dyndns)
- With 1 SATA, support TB hard disk
- Support using mouse to conveniently control the PTZ

8 Channels DVR

ZK-DV0801

- 8-ch video input
- With VGA and CVBS
- Support playback while record in 8 channels
- H.264 compression
- Support multi DDNS (Oray, 3322, dyndns)
- With 1 SATA, support TB hard disk
- Support using mouse to conveniently control the PTZ

16 Channels DVR

ZK-DV1602

- 16-ch video input
- With VGA and CVBS
- Support playback while record in 4 channels
- H.264 compression
- Support multi DDNS (Oray, 3322, dyndns)
- Support using mouse to conveniently control the PTZ
- With 2 SATAs, support TB hard disk

Face Capture and Recognition --- ZKiVision v4.2

ZKiVsion v.4.2 software integrates the face identification algorithm v9.0 with ZKIP Camera perfectly, which can realize the function of detecting, capturing and identification 8 faces simultaneously per second. It can register the user by capturing his face automatically in real-time video surveillance and face identification, simple time and attendance management, access control linkage, alarm output and electronic map. It is ideal for securing public locations such as enterprise and public institutions, government, customs, airport, excellent residential district, large factory and kindergarten.
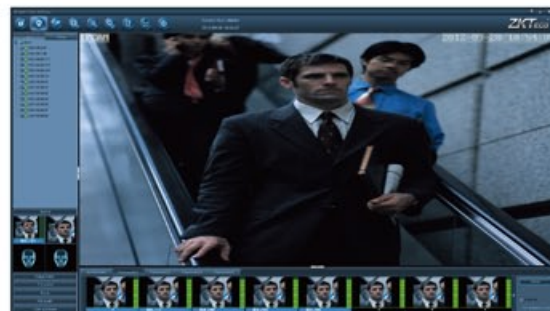
ZKiVision 4.2 Software Interface

Real-time faces: "Real-time faces" is going to store all the faces detected after face identification function is started in the IPC. It will display the latest faces and store 5000 pieces faces at max. If exceeded, faces will be overlapped. If stop face identification function, "Real-time faces" storage will also stop.
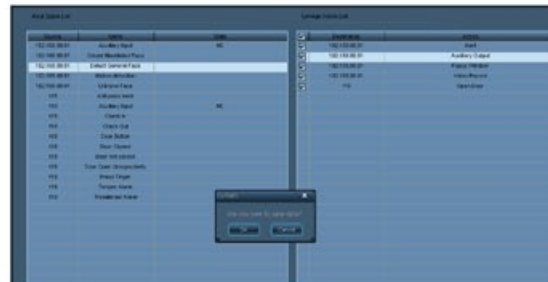

Blacklisted User: It can avoid of unnecessary loss with this function. Users can blacklist the person who is suspected to be bad in the software. The system will alarm when the blacklisted user appear next time.

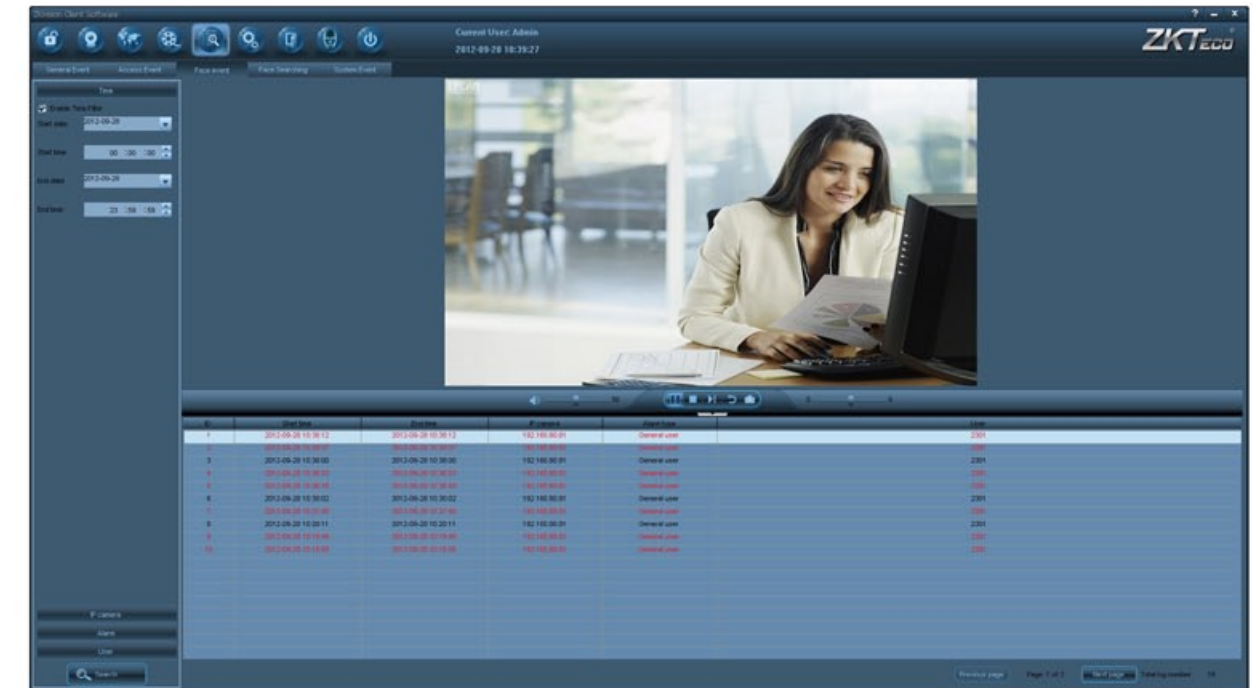**Initiative Register:** Capture 16 faces of multi-angle with voice prompt.

Linkage Alarm: Users can make linkage alarm setting after connecting cameras with access control devices. There are various kinds of input signal to trigger linkage actions such as to use detected general face to open door..

Face Searching: "Face searching" function is to allow users to search faces from all recording videos. In the sub-menu of "Event search", all faces in the recording videos that day will be searched out precisely by default. Users can choose precise search or quick search, also can realize filter search based on time, IPC, alarms, users, etc.

Face Event: Face event function is to allowed users to record and save log with face function enabled. Users can click access the related video when the log showed in red color.

Application

Special channel for customs to identify smuggler

Patients' family identification for ICU in the hospital

Family identification for kinder garden

Criminal investigation

ATM criminal investigation

VIP reception window
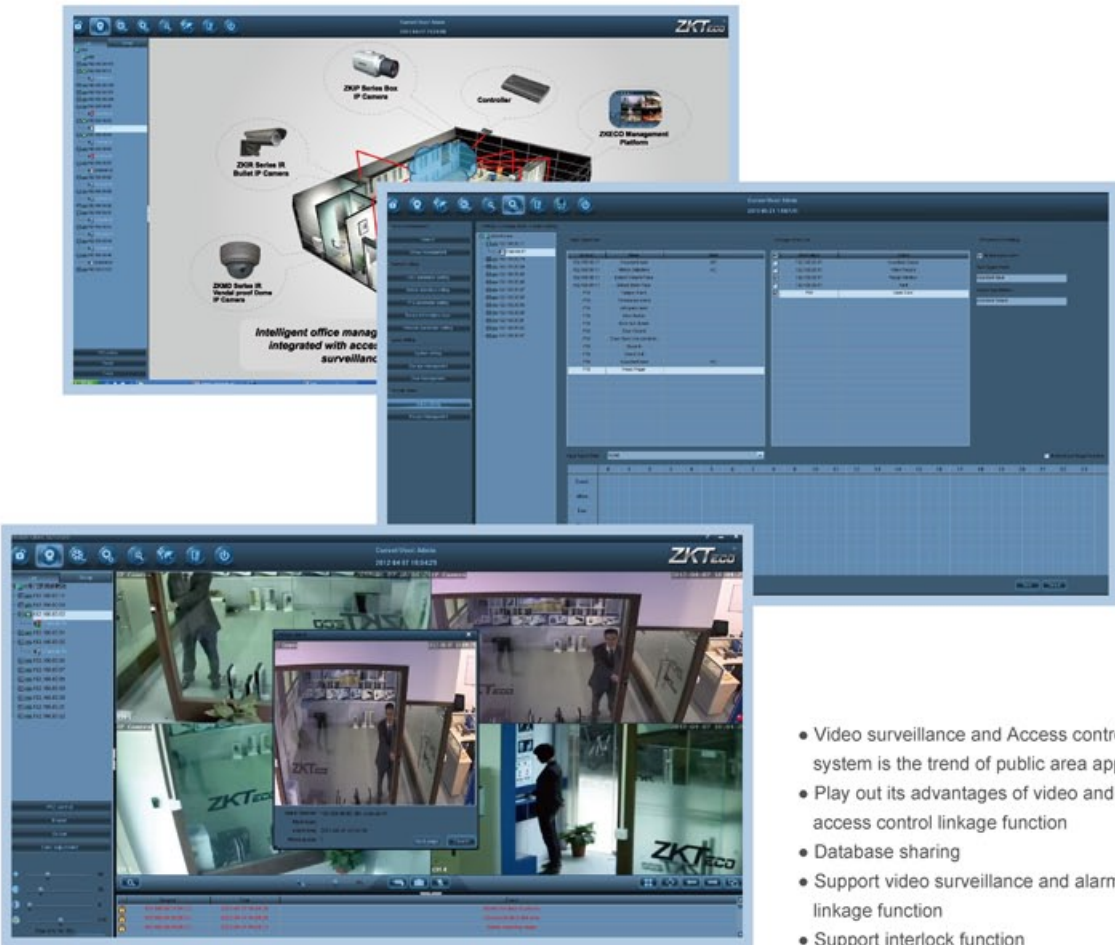

Simple time attendance management for small company

Coffer Access Control

Video Surveillance & Access Control System Integration Solutions

ZKiVision V3.1 Introduction

Different with other traditional surveillance system which only has simple alarms linkage and trigger activities, ZKiVision client software integrates access control system with video surveillance system perfectly. Under the system operation range, access control devices and cameras work mutually and share data with each other. This makes the alarms linkage, notifications and data query more precisely and intelligent
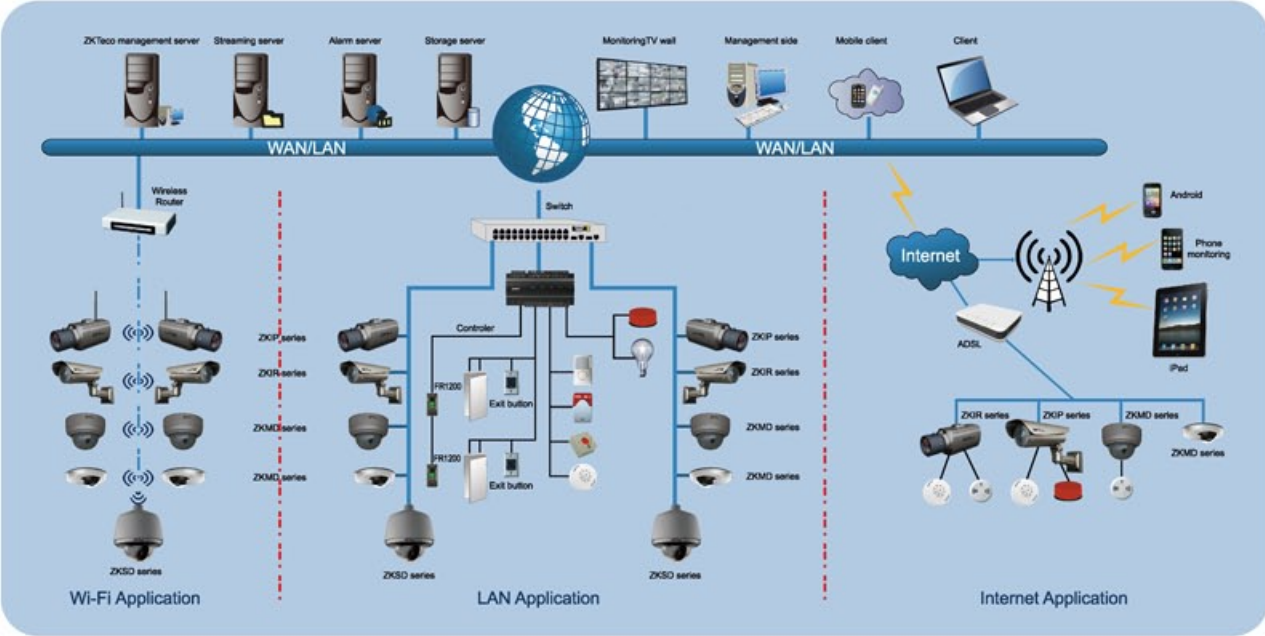

- Video surveillance and Access control system is the trend of public area application
- Play out its advantages of video and access control linkage function
- Database sharing
- Support video surveillance and alarm linkage function
- Support interlock function

CMS (Central Management System)

- Support thousands of channel video surveillance management
- Support digital matrix
- Support disk array and internet storage
- Support streaming media forwarding
- Support multi-channel alarm management

Security System Linkage:

Wi-Fi Application   LAN Application   Internet Application

ZKiVision Mobile Monitoring App

ZKiVision enables you to realize the remote and real-time surveillance at any time in anywhere from your mobile devices.
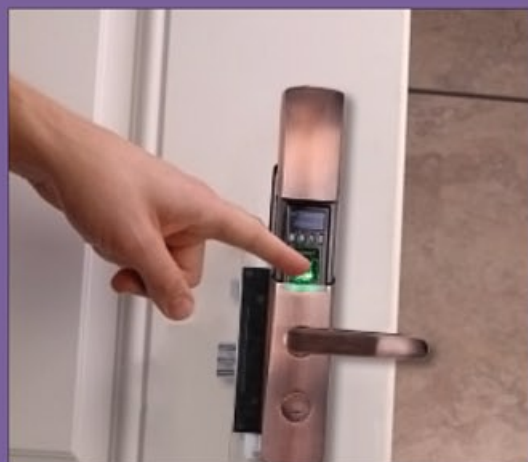
Operation System Version Requirement

- Support Android 2.1 version and above
- Support IOS 3.2 version and above
- Support Blackberry 5.0 version and above

ZKBioLock—Intelligent Lock Product Line

ZK started to manufacture fingerprint locks in 2005. In May 2011, an international brand was created which consists of high-tech consumer products including intelligent door lock, hotel lock, fingerprint door lock, and face recognition lock.

Fingerprint Door Lock

L4000/L5000

Features:

- Streamlined design, chrome plating
- Zinc Alloy integrated structure, strong and endurable
- OLED display, multi-languages, user-friendly operation
- Access Control function. User information could be enrolled in software and upload into locks by USB disk
- Individual mechanical locking system
- Optional front panel, Black, White, Blue, Pink, Grey, Red

L5000

L4000

Specification:

Material	Zinc Alloy
Front Panel Colors	Black/Blue/White/Polishing
Display	OLED
Fingerprint templates	500
Password	100
Record capacity	30,000
Communication	USB flash disk
Power input	4 x 1.5V AA Battery
Backup Unlock Mechanism	Emergency battery & Mechanical key
Options	ID Card , Mifare Card

L7000/L7000-U

Features:

- Zinc Alloy integrated structure, rugged and beauty, refined and elegant
- U.S standard single-latch mortise, optional German standard mortise
- DIY design, with reversible handle
- Detachable handle, hidden mechanical key slot
- Access Control function. User information could be enrolled in software and upload into locks by USB disk
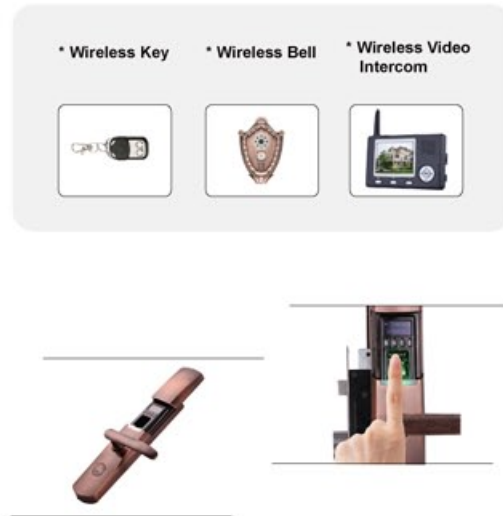
Specification:

Material	Zinc Alloy
Display	OLED
Fingerprint templates	500
Password	100
Record capacity	30,000
Communication	USB flash disk（L7000-U only）
Power input	4 x 1.5V AA Battery
Backup Unlock Mechanism	Emergency battery & Mechanical key

L9000

- OLED display and USB interface
- Slider cover, Zinc Alloy die-casting
- Verification methods: fingerprint, PIN or key
- Fingerprint templates: 500, Password: 100
- Emergency power interface
- Remote control, wireless bell and video intercom (optional)

* Wireless Key	* Wireless Bell	* Wireless Video Intercom

HL100/HL200

- Illuminated keypad entry
- Fingerprint templates: 100, Password: 100
- Zinc Alloy, compact in size, American standard cylinder
- Verification methods: fingerprint, PIN or key
- Warning when the door is not secured
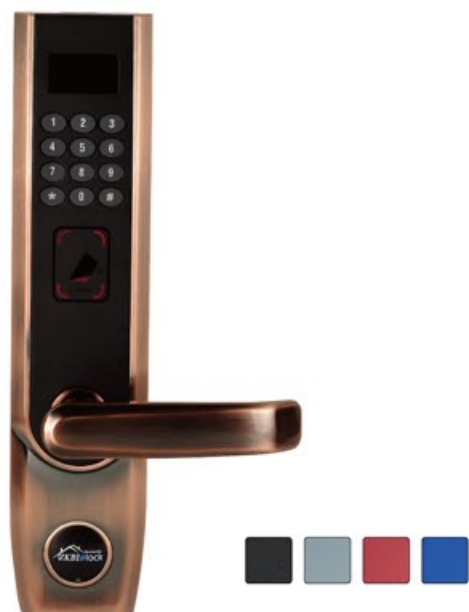- Emergency power interface

Note: If you are in North America or South America area, please contact ZK U.S.A Subsidiary to learn more about HL100 and HL200. Thank you.

Hotel Door Lock

LH1000/LH2000/LH4000/LH5000

Material	LH1000, LH2000: Stainless Steel LH4000, LH5000: Zinc Alloy	OS	Windows XP, Windows Vista and Windows7
Mortise	U.S mortise with 5 latches	Power input	4*1.5V AA battery
Type of card	13.56MHz Mifare card (S50, S70)	Low battery warning	< 4.8V
Card reader	Encoder	Card support quantity	1 ~ 99
Software	Hotel management software	Backup unlock way	Mechanical key

LH1000   **LH2000**   **LH4000**   **LH5000**

LH1600/ LH1800/LH2500/ LH2600

Material	LH1600, LH1800, LH2500: Zinc Alloy LH2600: Stainless Steel	OS	Windows XP, Windows Vista and Windows7
Mortise	U.S mortise with 5 latches	Power input	4*1.5V AA battery
Type of card	13.56MHz Mifare card (S50,S70)	Low battery warning	<4.8V
Card reader	Encoder	Card support quantity	1 ~ 99
Software	Hotel management software (FREE)	Backup unlock way	Mechanical key

LH1600   **LH1800**   **LH2500**   **LH2600**

Upcoming

RF Card + Keypad Lock

L6500 / L6500-W

- 12 numeric keypad
- Zinc Alloy die-casting, European standard mortise
- Card 500, Password: 100, Record capacity: 30,000
- Verification methods: MF card, PIN or key
- OLED display and USB function
- Emergency power interface
- 2.4G Zigbee communication (only for L6500-W)

L7500/ L7500-W

- 12 numeric keypad
- Zinc Alloy die-casting, European standard mortise
- Card 500, Password: 100, Record capacity: 30,000
- Verification methods: MF card, PIN or key
- OLED display and USB function
- Emergency power interface
- 2.4G Zigbee communication (only for L6500-W)

Face Lock

FL100

- European style, professional and elegant design
- Zinc Alloy die-casting
- Can be opened by Face, PIN, Key, and Card (optional)
- European Standard Mortise
- 3 inches TFT screen
- Faces: 100, password: 100, cards: 100(optional), record capacity 30,000.
- USB interface
- High Pixel Double camera
- Intelligent operation menu
- Access control function (optional)
- Emergency power interface

Safe Box

Safe100

- Biometric key-pad lock with a hidden recessed safety key override
- Good for up to 50 different users
- Pry resistant door & safe body includes bolt down hardware
- Solid steel construction
- Digital backlight keypad

AFIS（Automatic Fingerprint Identification System）Product Line

What's AFIS?

- AFIS--Automatic Fingerprint Identification System
- AFIS – For integrators who wish to use AFIS for Civil ID and Commercial ID projects
- Provide large-scale fingerprint matching
- Capture the single finger, rolling finger, two-slap finger, four-slap finger
- Provide safer, faster, more accurate and more convenient security services

Why ZKAFIS?

- Advanced proprietary biometric technology
- Dedicated to hardware design for many years
- Experienced to design high quality optical sensor
- Experienced to provide AFIS OEM and ODM service
- Provide independent and professional AFIS SDK
- Best price/performance ratio

Market Position

- Vote system
- Border inspection
- Bank security
- Hospital case management
- Business VIP
- Carport management, etc

Single Fingerprint Scanner-U100

Features:

- High quality of fingerprint image
- Capture single fingerprint
- High quality of dry, wet and rough fingerprints
- Operating system: Windows XP, Windows 2003, Windows Vista, Windows 7
- Portable, IP54
- Equipped with a security keyhole

Specifications:

Image resolution	500 DPI,256 gray-levels/8bit.
Antistatic	8KV
Operating temperature	-10°C to 60°C.
Operating humidity	20% to 85%.
Interface	USB 2.0 HighSpeed (data & power)
Capturing speed	> 15 fps
Dimension (W×L×H)	145mm×67mm×54mm
Platen Size (W×L)	30mm×30mm(1.18"×1.18")

Fingerprint 2-slap Scanner-U200

Features:

- High quality of fingerprint image
- Capture single fingerprint, two-slap, rolling fingerprint
- High quality of dry, wet and rough fingerprints
- Operating system: Windows XP, Windows 2003, Vista, Windows 7
- Portable,IP54
- Equipped with a security keyhole

Specifications:

Image resolution	500 DPI,256 gray-levels/8bit.
Antistatic	8KV
Operating temperature	-10°C to 60°C.
Operating humidity	20% to 85%.
Interface	USB 2.0 HighSpeed (data & power)
Capturing speed	> 15 fps
Dimension (W×L×H)	172mm×104mm×81mm
Platen Size (W×L)	43mm×42mm(1.69"×1.65")

Fingerprint 4-slap Scanner-U400

Features:

- High quality of fingerprint image
- Capture single fingerprint, two-slap, four-slap and rolling fingerprint
- High quality of dry, wet and rough fingerprints
- Operating system: Windows XP, Windows 2003, Vista, Windows 7
- Portable,IP54
- Equipped with a security keyhole

Specifications:

Image resolution	500 DPI,256 gray-levels/8bit.
Antistatic	> 8KV
Operating temperature	-10°C to 60°C.
Operating humidity	20% to 85%.
Interface	USB 2.0 HighSpeed (data & power)
Capturing speed	> 2 fps
Dimension (W×L×H)	166mm×150mm×139mm
Platen Size (W×L)	85.8mm×82.5mm(3.37"×3.24")

Application

Voting systems
- Registration for elections；

Border control
- Online matching for homeland security；
- Identification on airports；

Health
- Health insurance cards；
- Patient record systems；

Social benefits
- Ration cards；
- Salary payments；

Retail
- Loyalty and membership programs；

Banks
- Prevent duplicate credit account registration；
- Check cashing and money transfer fraud prevention；
- Customer record to identify customer；

ZKAFIS SDK:

- Client-Server Architecture
- Standard Hardware
- Scalable Solution
- Sensor Independent
- Database Independent
- Fast and Accurate
- OS Independent

Linux

Microsoft WindowsCE

android