

# PRODUCT CATALOGUE



**ZKT** *ECO*





# Access Control Solutions

**ZKAccess is a division of ZKTeco, which engages in access control products and solutions.**

The product line includes IP-based standalone access control, networked access control panels, readers, tripod turnstiles and accessories, supplied with all necessary integration tools, SDK's and technical support to provide our business partners with complete solutions.

# Fingerprint Identification Terminals



**F18**  
Fingerprint Time Attendance and Access Control terminal

Fingerprint Capacity	3,000 (1:N)
Card Capacity (Optional)	5,000
Communication	RS485, TCP/IP
Standard Functions	Access control interface for electric lock, door sensor, exit button, alarm, doorbell.
Wiegand Signal	Input and Output
Dimension	183mmx80mmx42mm

**F19**  
Fingerprint Time Attendance and Access Control terminal

Fingerprint Capacity	3,000 (1:N)
Card Capacity (Optional)	5,000
Communication	RS485, TCP/IP, USB -Host, RS232
Standard Functions	Access control interface for electric lock, door sensor, exit button, alarm, doorbell.
Wiegand Signal	Input and Output
Dimension	195mmx87mmx42.5mm



**F21**  
Fingerprint Time Attendance and Access Control terminal

Fingerprint Capacity	3,000 (1:N)
Card Capacity (Optional)	5,000
Communication	RS485, TCP/IP, USB -Host, RS232
Standard Functions	Access control interface for electric lock, door sensor, exit button, alarm, doorbell.
Wiegand Signal	Input and Output, SRB Support
Dimension	205mmx86mmx45mm

**SF420**  
IP Based Fingerprint Access Control & Time Attendance

SF420 is an IP based fingerprint terminals with 1,500 fingerprint capacity, which operate in both network mode and standalone mode. It can connect with ZKAccess3.5 software for access control and time attendance management.



Fingerprint Capacity	1,500 (1:N)
Card Capacity(Optional)	5,000
RF Card	EM/Mifare
Record Capacity	80,000
Display	2.8 inch resistive touch screen
Communication	TCP/IP, RS485, USB Host
Standard Functions	Access control interface for electric lock, door sensor, exit button, alarm, doorbell.
Wiegand Signal	Input and Output
Dimension	105 × 105 × 32mm

**X8s**  
Simple Fingerprint&RFID Card Access Control Terminal

Simple access control terminal with fingerprint and RFID card, touch keypad.

Fingerprint Capacity	500 (1:N)
Card Capacity	500 Cards
RF Card	EM(standard)/Mifare(optional)
Communication	None
Standard Functions	Access control interface for electric lock, door sensor, exit button, alarm, doorbell.
Dimension	90 × 90 × 32 mm



## Outdoor Fingerprint Identification Terminals

In a continuously expanding security environment, ZKTeco offers state of the art waterproof, antivandalic access control terminals.

The range features infrared fingerprint sensors, proximity and PIN ID, external door relays, voice prompt etc...ZKTeco's outdoor terminals allow complete integration in a buildings access control network.



### TF1600

IP65 Waterproof	Casing	IP65 Waterproof
Pull SDK	Communication Protocol	Standalone SDK
3.000	Fingerprint Capacity	3.000
30.000	Card Capacity	10.000
10.000	Log Capacity	50.000
TCP/IP, RS485	Communication	TCP/IP, RS485, USB-host
Input and Output	Wiegand	Input and Output
Electric Lock, Door Sensor, Exit Button, Alarm	Access Control Interface	Electric Lock, Door Sensor, Exit Button, Alarm, Door Bell
Low temperature sensor	Special features	Optional 8000 FP (Pull SDK)

### TF1700



### MA500

IP65 Waterproof Metal	Casing	IP65 Waterproof Metal
Pull SDK	Communication Protocol	Standalone SDK
3.000	Fingerprint Capacity	1.500
30.000	Card Capacity	10.000
100.000	Log Capacity	100.000
TCP/IP, RS485	Communication	TCP/IP, RS485, USB-host
Output	Wiegand	Input and Output
Electric Lock, Door Sensor, Exit Button, Alarm	Access Control Interface	Electric Lock, Door Sensor, Exit Button, Alarm

### MA300



## RFID Identification Terminals

### SC700

TFT RFID Access Control terminal

Display	3" TFT Touch Screen
Card Capacity	30,000
Communication	TCP/IP, USB-Host
Standard Functions	Access control interface for electric lock, door sensor, exit button, alarm.
Wiegand Signal	Input and Output



### SCR100

RFID Access Control terminal

Card Capacity	30.000 Cards
RF Card	EM(standard)/Mifare(optional)
Communication	TCP/IP, RS485/232, USB-host
Wiegand	Input and Output
Standard Functions	Access control interface for electric lock, door sensor, exit button, alarm

### SKW Series

RFID Access Control keypads

Case	Metal Casing with IP65
Card Capacity	1.000 Cards
RF Card	EM(standard)/Mifare(optional)
Password Capacity	8 Groups
Standard Functions	Access control interface for electric lock, door sensor, exit button, alarm, doorbell.



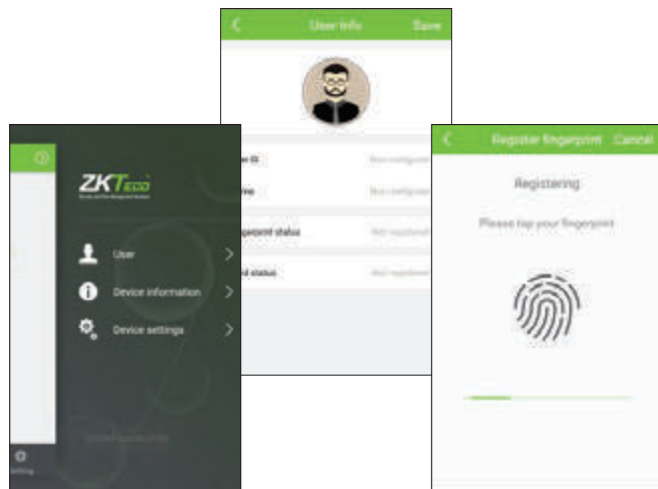
# ZKBioBT

## Newest Bluetooth Access Control APPS Mobile Apps for you to wirelessly manage your doors



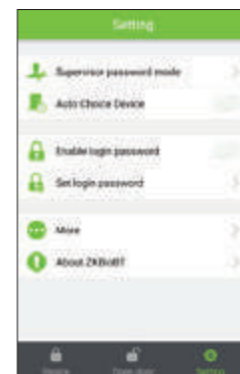
Mobile phone requirement for APP installation:

Android OS later than version 4.3, compliant with the Bluetooth protocol later than 4.0; iOS later than 7.1, devices later than iPhone 4S



**Remote User Registration**  
Easy User Registration through Bluetooth Connection

**Wireless Door Setting**  
Both Open Time and Door Sensor, can seamlessly control in your hands



**View Device information**

Easily check out all the devices' basic information, such as available storage and usage information.



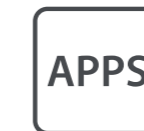
## MA300-BT

### Newest Bluetooth Access Control Terminal

Waterproof, Metallic Casing & ZKBioBT Apps Ready



Fingerprint Capacity	1,500 templates
ID Card Capacity	10,000
Transaction Capacity	10,000
Communication	RS485, TCP/IP, USB-host, bluetooth
Access Control Interfaces for	3rd part electric lock, door sensor, exit button, alarm
Wiegand Signal	Input & Output
Standard Access Control	RS485 Reader, TimeZone, Group
Function	Multi-identification Duress mode, Anti-passback
Optional Function	Mifare, external USB keypad
Protection Grade	IP65
Dimensions(W x H x D)	73 x 148 x 34.5mm



## X8-BT

### Newest Bluetooth Access Control Terminal

Compact Size, Economic, ZKBioBT Apps Ready



Fingerprint Capacity	500 templates
ID Card Capacity	500
Sensor	SilkID Sensor
Communication	Bluetooth
Access Control	3rd part electric lock, door sensor
interface	Exit Button, Alarm, Door Bell
Standard Function	Simple access control Function, ID card
Optional Function	Mifare Card
Software	ZKBioBT APP
Dimensions(W x H x D)	101.5 x 101.5 x 37mm



## Multi-Biometric Identification Terminals

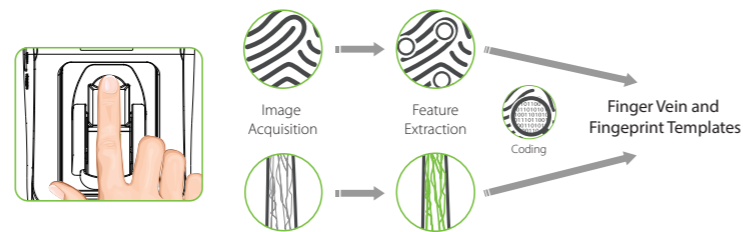
### FV350

#### Multimodal Finger Vein and Fingerprint Technology for Higher Security

With our independent patent finger vein recognition technology, FV350 has fast and high-accuracy and comfortable operability. Multimodal Finger Vein and Fingerprint technology achieve higher security.



Press the finger on the sensor → Capture both fingerprint and finger vein images → Get the unique points and generate templates → Compare that templates with the data which in device's database → Show the result on the device screen.



Finger Vein Capacity	1,000 (1:N)
Fingerprint Capacity	1,000 (1:N)
Card Capacity(Optional)	2,000 (EM/Mifare)
Record Capacity	100,000
Display	2.8 inch capacitive screen
Communication	RS232/485, TCP/IP,USB -Host
Standard Functions	Access control interface for electric lock, door sensor, exit button, alarm, doorbell.
Wiegand Signal	Input and Output
Auxiliary Interface	1ea input for linkage function
Power Supply	DC12V 3A
Operating Temp.	-10 °C- 45 °C
Operating Humidity	20%-80%
Dimension	232mmx91mmx117mm
SDK	Pull SDK

#### Part Numbers

FV350-ID: with RFID card reader

FV350-M: with Mifare card reader

### MultiBio 800

#### Multi-biometric Access Control and Time Attendance Terminal

MultiBio 800 with Face, Fingerprint recognition and optional with RFID mode is applicable to high level access control application.



	MultiBio 800	MultiBio 800-H
Face Capacity	400 (1:N)	1500 (1:N)/4000(1:1)
Fingerprint Capacity	1000 (1:N)	4000 (1:N)
Card Capacity (Optional)	1,000	10,000
Record Capacity	100,000	
Display	2.8 inch TFT screen	
Communication	RS485, TCP/IP,USB -Host	
Standard Functions	Access control interface for electric lock, door sensor, exit button, alarm, doorbell.	
Wiegand Signal	Input and Output	
Auxiliary terminal:	1ea input for linkage function	
Power Supply	DC12V 3A	
Operating Temp.	0 °C- 45 °C	
Operating Humidity	20%-80%	
Dimension	187.87mmx87.7mmx62.51mm	
SDK	Standalone SDK	

NEW!

## F22

### Ultrathin Fingerprint Access Control and Time Attendance terminal

- Wi-Fi Communication
- Reduced size
- BioID Sensor



F22 is one of the smallest Access Control terminals on the market. With 16 cm high by 8 wide, the F22 is the perfect solution for installations of maximum exigency in confined spaces.

With a minimalist design in white or black colors, the F22 incorporates the new BioID algorithm that offers superior performance in fingerprint identification. It has Wi-Fi wireless communication as well as access control interfaces for connecting external readers, offering full connectivity in any environment. F22 arrives where no one arrives.

Fingerprint Capacity	3.000 (1:N)
Card Capacity (Optional)	5.000
Sensor	BioID Sensor / Silk ID Sensor
Display	2.8 inch TFT screen
Communication	RS485, TCP/IP, USB -Host, Wi-Fi
Dimensions	159,8 x 80,7 x 19,4 mm

## Access Controllers

Centralized administration and web-based infrastructures reduce a company's IT costs and allows an easy management of all access points from one single location. For this purpose, ZKTeco offers a whole range of access control panels, that can manage from 1 to 4 doors using either or both proximity and fingerprint identification.

### RFID Access Controllers

	C3-100	C3-200	C3-400
Card Capacity:	30.000	30.000	30.000
Event Capacity:	100.000	100.000	100.000
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

### RFID & Fingerprint Access Controllers

	inBIO160	inBIO260	inBIO460
Card Capacity:	30.000	30.000	30.000
Fingerprint Capacity:	3.000 (optional 20.000)	3.000 (optional 20.000)	3.000 (optional 20.000)
Event Capacity:	100.000	100.000	100.000
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



NEW

# InBio & C3 Wifi Bundle

Newest Wifi Biometric Access Control Panel  
Perfect Choice for Old Building Renovation



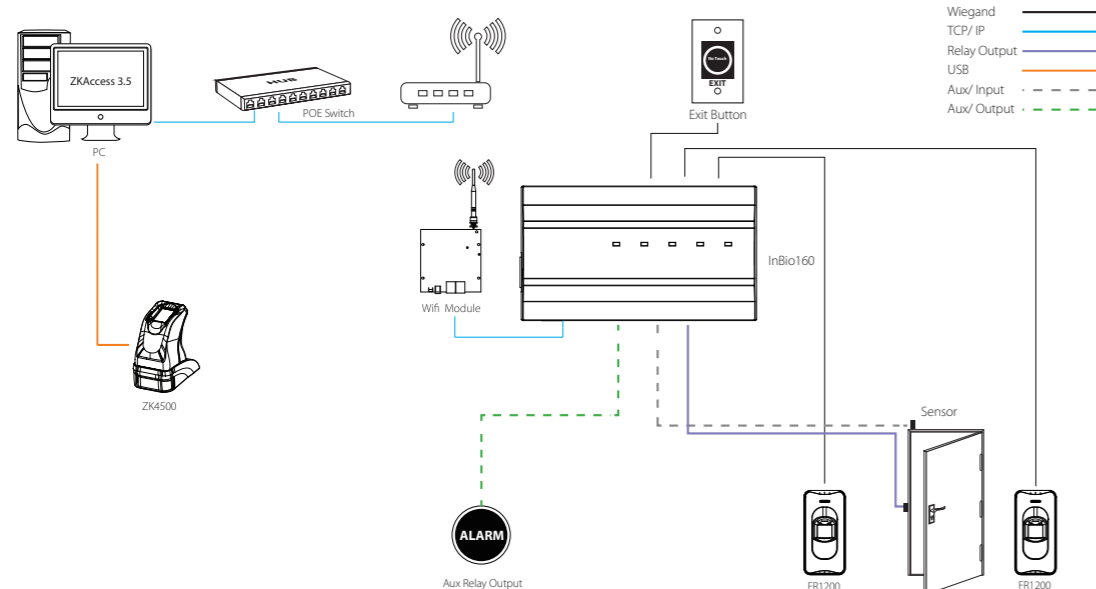
C3 Wifi Bundle Specification

	C3-100-WF	C3-200-WF	C3-400-WF
Number of Doors Controlled	1 Door	2 Door	4 Door
Number of Readers Supported	2	4	4
Wifi Module	Y	Y	Y
Types of Readers Supported	26-bit Wiegand, other upon request	26-bit Wiegand, other upon request	26-bit Wiegand, other upon request
Number of Inputs	2 (Exit Device and Door Status)	6 (2 Exit Device and 2 Door Status, 2 AUX)	12 (4 Exit Device and 4 Door Status, 4 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)	4 (2-Form C Relay for Lock and 2-Form C Relay for Aux Output)	8 (4-Form C Relay for Lock and 4-Form C Relay for Aux Output)
Card Holders Capacity	30,000	30,000	30,000
Log Events Capacity	100,000	100,000	100,000
Communication	TCP/IP and RS-485	TCP/IP and RS-485	TCP/IP and RS-485



InBio Wifi Bundle Specification

	InBio-160-WF	InBio-260-WF	InBio-460-WF
Number of Doors Controlled	1 Door	2 Door	4 Door
Number of Readers Supported	4 (2 RS-485 Reader, 2 26-bit wiegand reader)	8 (4 RS-485 Reader, 4 26-bit wiegand reader)	12 (8 RS-485 Reader, 4 26-bit wiegand reader)
Wifi Module	Y	Y	Y
Types of Readers Supported	26-bit Wiegand and RS485 FR Series Reader	26-bit Wiegand and RS485 FR Series Reader	26-bit Wiegand and RS485 FR Series Reader
Number of Inputs	3 (Exit Device and Door Status, 1 AUX)	6 (2 Exit Device and 2 Door Status, 2 AUX)	12 (4 Exit Device and 4 Door Status, 4 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)	4 (2-Form C Relay for Lock and 2-Form C Relay for Aux Output)	8 (4-Form C Relay for Lock and 4-Form C Relay for Aux Output)
Card Holders Capacity	30,000	30,000	30,000
Fingerprint Capacity	3,000 (optional 20,000)	3,000 (optional 20,000)	3,000 (optional 20,000)
Log Events Capacity	100,000	100,000	100,000
Communication	TCP/IP and RS-485	TCP/IP and RS-485	TCP/IP and RS-485



NEW

# InBio & C3 POE Bundle

Newest POE Biometric Access Control Panel  
Effectively Cutting Cable Installation Cost



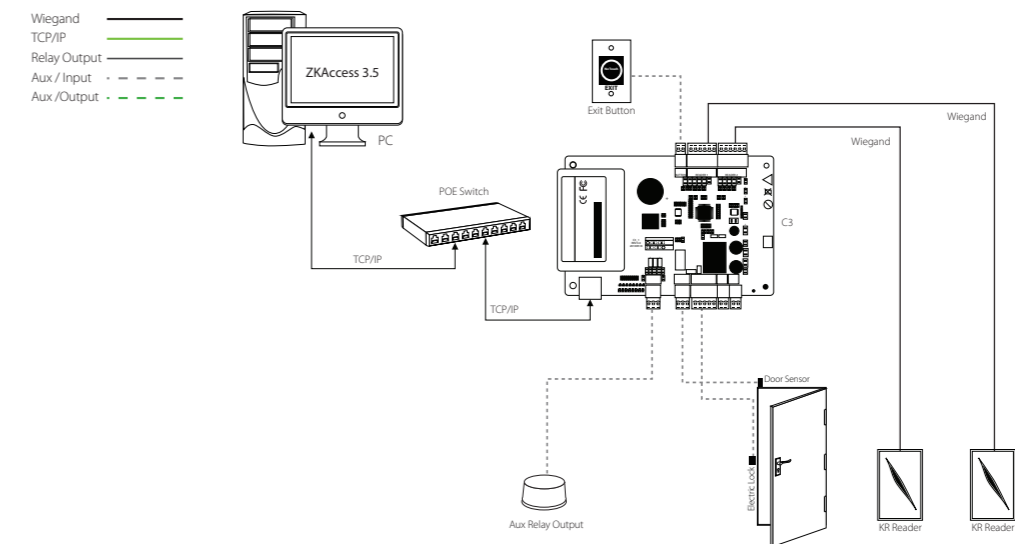
C3-100-POE Specification

Number of Doors Controlled	1 Door
Number of Readers Supported	2
Aux. Output	1
Types of Readers Supported	26-bit Wiegand, other upon request
Number of Inputs	2 (Exit Device and Door Status)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)
Weight	3.35kg
Dimensions (Bundle Only)	305.2mm x 298.4mm x 89mm
Dimensions (Board Only)	160mm x 106mm
User	30,000
Event Buffer	100,000 transactions
Communication	RS485, Ethernet
Nominal Voltage of C3-100	12v
Standby Current of C3-100	40mA
Operating Temp	0 °C - 45 °C
Operating Humidity	20% - 80%



InBio-160-POE Specification

Number of Doors Controlled	1 Door
Number of Readers Supported	2
Aux. input	1
Aux. Output	1
Types of Readers Supported	26-bit Wiegand, other upon request
Number of Inputs	2 (Exit Device and Door Status)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)
Weight	3.35kg
Dimensions (Bundle Only)	305.2mm x 298.4mm x 89mm
Dimensions (Board Only)	183mm x 106mm
User	30,000
Fingerprint	3,000
Event Buffer	100,000 transactions
Communication	RS485, Ethernet
Nominal Voltage of Inbio 160	12v
Standby Current of Inbio 160	50mA
Operating Temp	0 °C - 45 °C
Operating Humidity	20% - 80%



# External Readers

ZKTeco's wide range of external readers include waterproof IP65 rated fingerprint, proximity and password ID models, which allow you to connect indoor terminals and controllers with an outdoor access feature, connecting these directly by Wiegand or RS485.

## Fingerprint Readers



### FR1500

Embeddable Access Control reader

Case	Metal case. Waterproof Fingerprint cover (FR1500-WP)
Identification	Fingerprint
RF Card	125kHz Proximity card (Optional 13.56MHz Mifare)
Communication	RS485

### FR1200

Waterproof Access Control reader

Case	IP65 Waterproof
Identification	Fingerprint
RF Card	125kHz Proximity card (Optional 13.56MHz Mifare)
Communication	RS485



## RFID Readers

### RFID Card & Tag



HID Card



EM Card Thick



EM Card Thin



EM Card Tag

### RFID Desfire Reader

- Waterproof
- 125KHz EM Proximity
- 13.56MHz Mifare Desfire Card Reader
- 26bit/34bit/66bit Wiegand Out / RS-485
- Extend LED/Buzzer Control



KR610



KR611



KR612



KR500H



KR502H



KR503H

### RFID HID Reader

- Waterproof
- 125KHz HID Proximity
- Wiegand Out
- Extend LED/Buzzer Control

### UHF RFID Reader

Ultra-Long Reading Distance, Waterproof Aluminum Casing

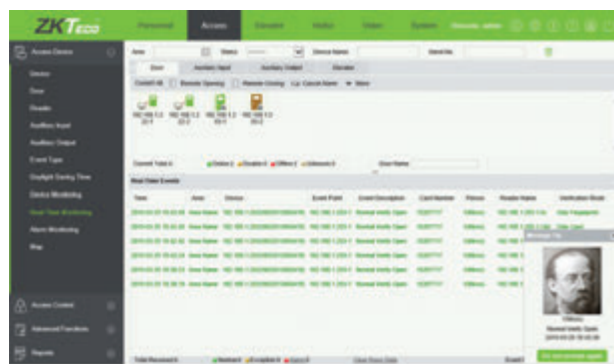
Model	UHF 1-5	UHF 2-5	UHF 1-10	UHF 2-10
Dimensions	260 x 260 x 65mm		445 x 445 x 70mm	
Reading distance	Up to 6 meters (adjustable)		Up to 12 meters (adjustable)	
Communication interface Serial	Wiegand 26 (Default) / Wiegand 34, USB			
Frequency	902Mhz-928Mhz, 865Mhz-868Mhz			
Shell Material	Die-casting aluminum shell, Antenna panel with engineering plastics			
Interface Protocol	EPC global UHF Class 1Gen 2/ISO 18000-6c			
Multiple tags identification	>20			
Working mode	Always read(Default) /Trigger read			

# Software Management

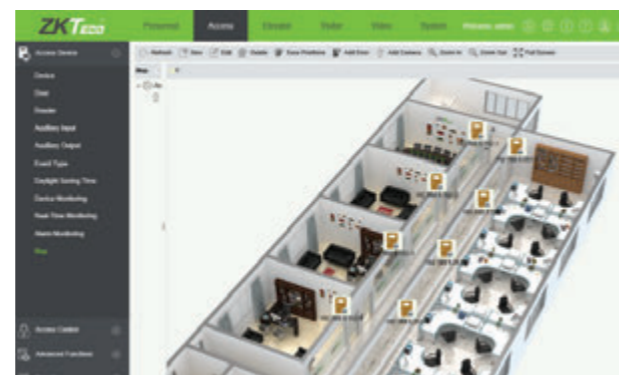
## New ZKAccess3.5 Software

Our ZKAccess 3.5 is an Access Control software application that offers complete flexibility in programming to achieve any access control performance your solution may require.

The ZKAccess system goes a step beyond conventional access control systems, by combining unique RFID and biometric identification. With its intuitive easy-to-use GUI and wizard type settings, ZKAccess provides comprehensive access control security for small-to-medium sized businesses and enterprise-level systems.



ZKAccess includes a time and attendance feature to allow administrator to define timetables, shifts, schedules, and holiday settings. It provides compact and easy-to-use report and In/Out board features.



The system controls up to 400 doors and allows integration with various database systems, event monitoring, interlock, linkage, passage mode, first-card opening, multi-card opening, visual map, T&A management and reporting features.

### Third Party software integration

ZKTeco can provide a free SDK with open libraries to be used with third party access control systems. In this way, the needs for software developers to merge different Access Control solutions in one complete and integrated solution are solved.

# Features and Applications



#### Embedded Internal Biometric Identification:

The FR Series readers transmit fingerprint templates to inBIO via RS485 that matches fingerprints with templates stored in the database. Wiegand inputs are also provided for traditional RFID readers.



#### Communication:

The access controllers can be easily integrated into your network and support both TCP/IP and RS-485 communication. The auto-discovery tool can manage the setting and modification of network parameters in a fast and efficient manner.



#### 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.



#### Cost Efficient Management:

New controller features allows you to remotely upgrade firmware of systems out in the field, ensuring that you can manage and expand your investment value without any complex third party tools.



#### Complete Access Control:

Apart from standard access control features 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.



#### Options:

Three different sizes of controllers can suit various project needs and reduce the cost of required floorspace. 1-way and 2-way models can be mixed and matched in optimized system architecture.



#### 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.



#### For Software Developers:

Free SDK is available for integrators and OEMs (optional Push SDK for Real-Time environments) to integrate the controller with their own or existing security or personnel management applications. Upon demand, ZKTeco can customize firmware to meet any customer requirements.

## Applications



Building Entrance



Time & Attendance



Visitor Management



Sports and leisure facilities



Arena Entrance Events



Vehicle Access



# Entrance Control

**We can offer you a wide variety of turnstiles and barriers for different applications that are easy to install, operate, maintain and can also be easily integrated with third party solutions.**

These reliable and compact turnstiles are specially suitable for use where comfortable passage and high traffic rate are determining factors.

# Tripod Turnstiles

TS Series are high performance, multi-purpose turnstiles, perfectly compact and cost-effective pedestrian access control solutions, enabling controlled and secure access of people to areas defined by the operators.

The high throughput capacity of these turnstiles makes them suitable for management of heavy pedestrian traffic.

For emergency the TS series are equipped with electro-mechanical drop arm, opening an anti-panic passageway in a matter of seconds. Optionally, the turnstile's housing can be finished in steel 316, for outdoor solutions (without add-on protection). Our unique internal turnstile mechanisms offer superior durability at minimum energy consumption. In fact, our turnstiles are tested to well over two million operations -- equivalent to many years of continuous, real-world usage.

## Model description:

**TS--00:** Tripod turnstile only

**TS--11:** Tripod turnstile integrated with RFID reader and controller

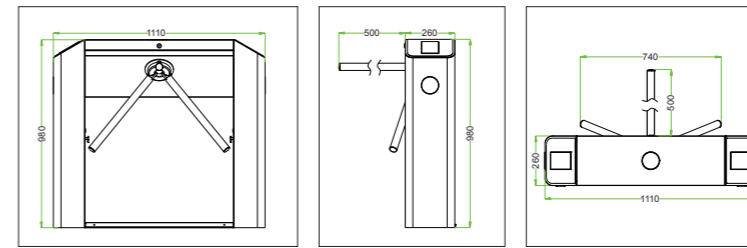
**TS--22:** Tripod turnstile integrated with both fingerprint and RFID reader and controller

**TS--33:** Tripod turnstile for integration with Multi-biometric terminals (Face+FP+RFID)

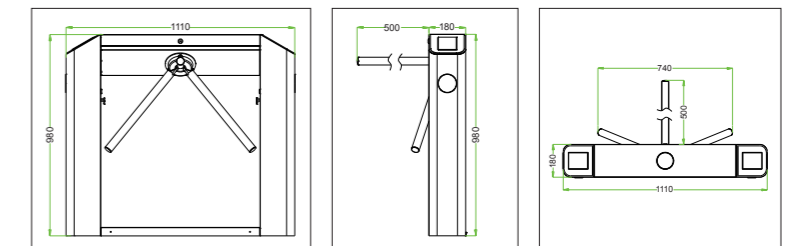
## Third Party hardware integration

ZKTeco's turnstiles are available as one complete access solution, but we also offer just the simplified turnstile main frame (TS--00), adaptable to third party access control systems, avoiding unnecessary costs for installers in having to modify their current Access Control systems.

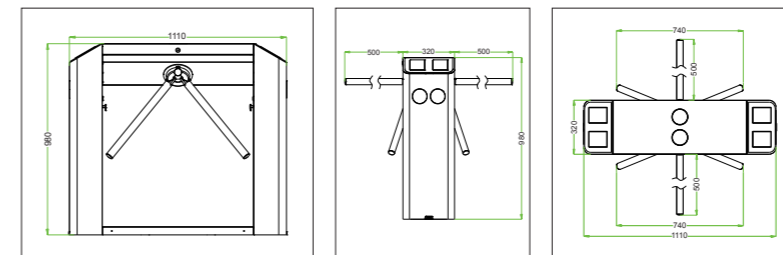
TS2000



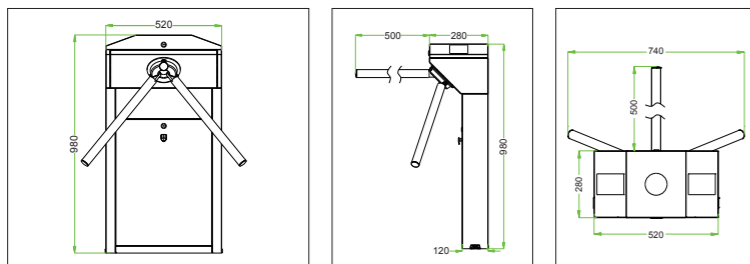
TS2100



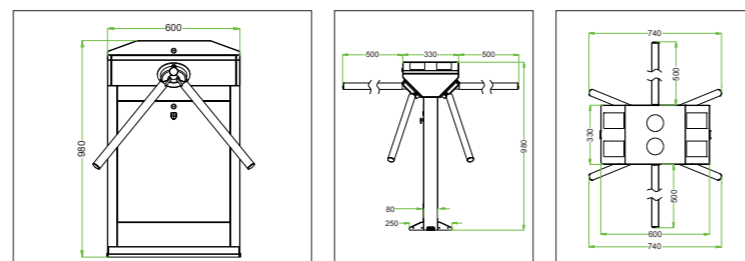
TS2200



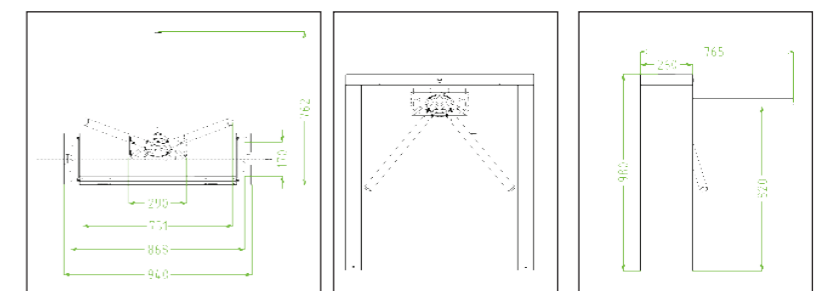
TS1000



TS1200



TS3000



# Flap Barriers

Flap Barriers are well adopted in entrances and exits of buildings or construction sites, to help tracking staffs and visitors. Only authorized users are able to access to specific areas through the flap barriers. Lights on the barriers are to indicate status of the flap barriers. Steady green lights indicate locked barriers. Blinking green lights indicate accessible barriers.

ZKTeco's assembled access control system significantly reduces costs for business partners. RFID and fingerprint verification technologies are available for options of flexible access control system.

### Model description:

**FBL--00:** Single Lane Flap Barrier

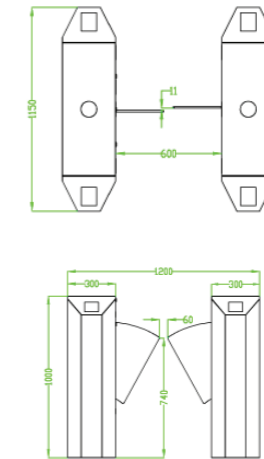
**FBL--11:** Single Lane Flap Barrier with RFID Access Control System

**FBL--22:** Single Lane Flap Barrier with Fingerprint and RFID Access Control System

### Third Party hardware integration

ZKTeco's barriers are available as one complete access solution, but we also offer just the simplified barrier main frame (FBL--00), adaptable to third party access control systems, avoiding unnecessary costs for installers in having to modify their current Access Control systems. In addition of this, front column is removable, offering different model for each situation.

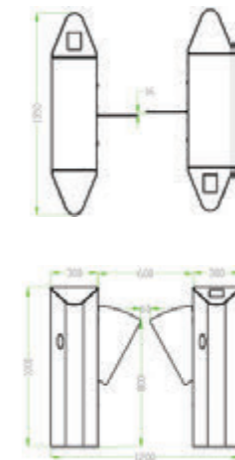
FBL2000



FBL2200



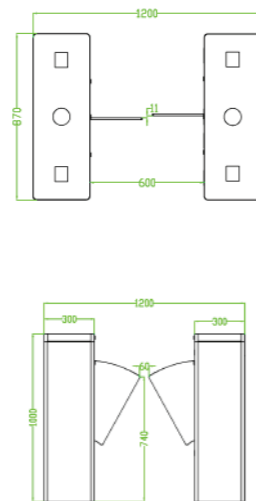
FBL4000



FBL4200



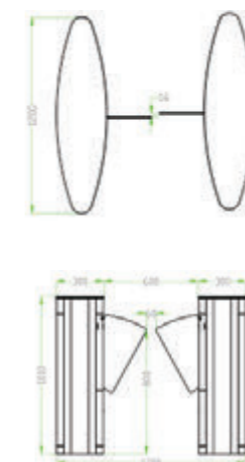
FBL1000



FBL1200



FBL5000



FBL5200



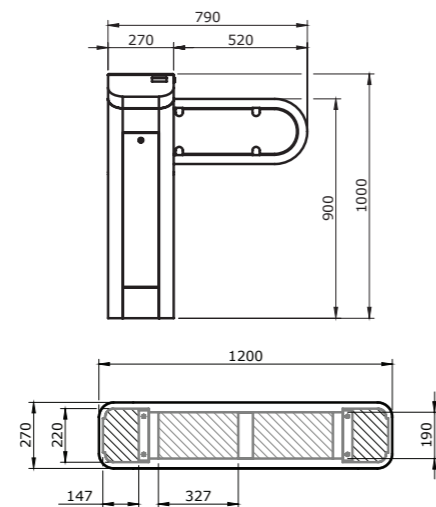
# Automatic Access Gate

## ZK110 Series

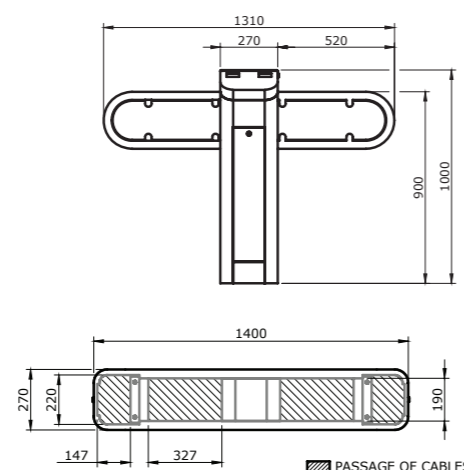
Access gate is based on the obstacle free passage system and its functions are controlled by infrared beam cells. It can be installed in any area of supervised access.

The system consists of a unit, out of the side of which extends a tu-bular barrier that closes off access and operates in the following way:

The barrier is always up, closing off access. It retracts by dropping downwards and concealing itself inside the unit on reception of an authorisation signal from a reader or push button. It allows one person to pass through, controlled by a photocell, and closes again once this has taken place. In the case that two people try to pass through at the same time, the system creates an audible alarm signal that an intrusion has been detected. As a security measure, the unit is equipped with a photocell system that stops the panel from rising up and hitting users while they are still in the passageway.



## ZK110S

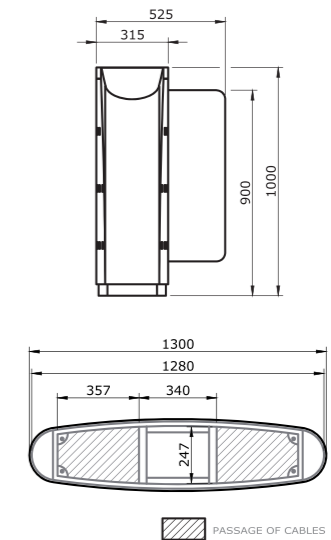


## ZK110S-D

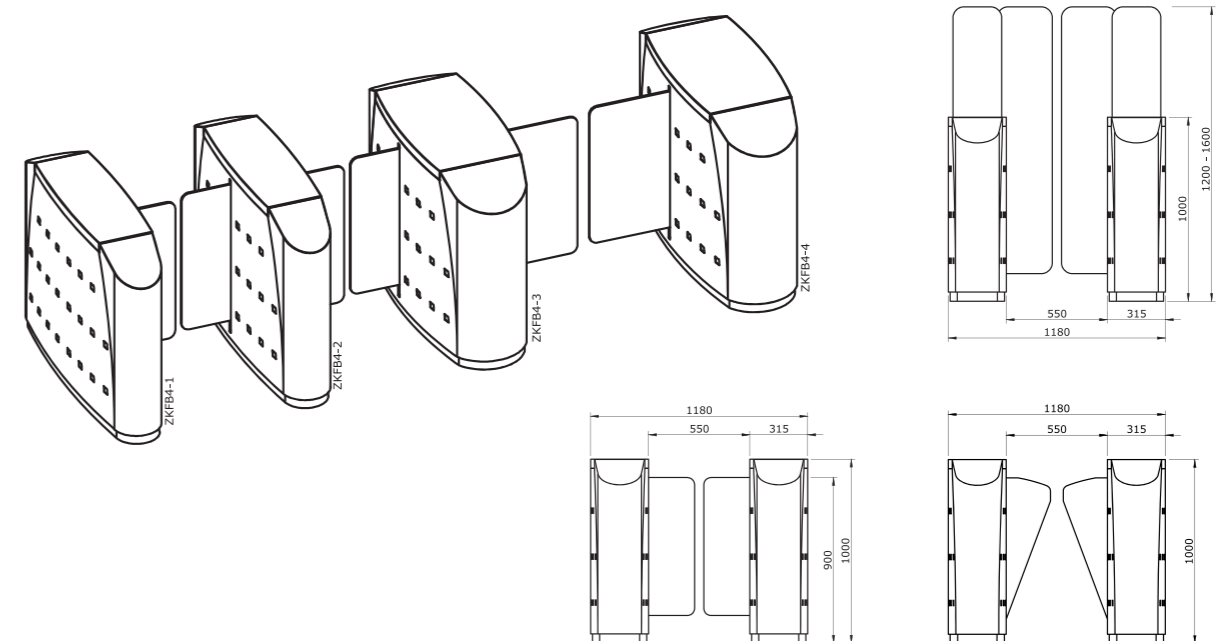
# Motorized Access Gate

## ZKFB4 Series

This is a high transit control passage, with dimensions suitable for any surroundings or location. Its structure is built in stainless steel, offering high wear and tear resistance and its brushed satin finish makes it easy to combine with any predominant colour in the area where it is going to be installed. All this unites with excellent functionality and low maintenance, make it especially suitable for controlling enclosures where there are large numbers of people present.



## Composition and options



# Swing Barriers

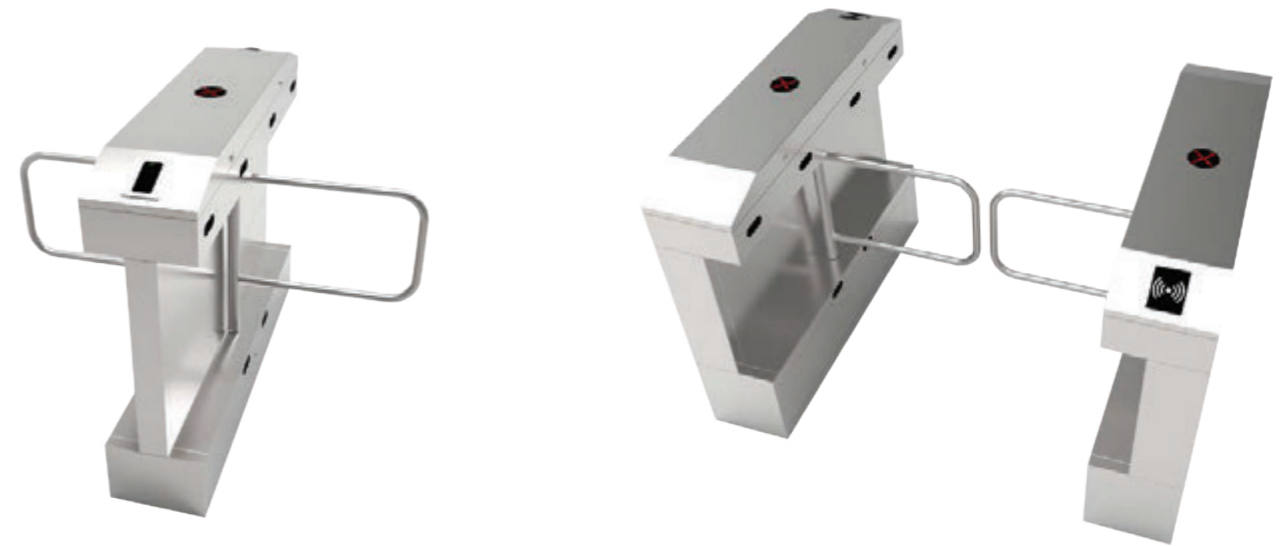
With a compact and modern design, Swing barriers are the perfect solution for barrier-free access. SBT Series provide bilateral electric control and can integrate access control devices including RFID and fingerprint devices.

## Features

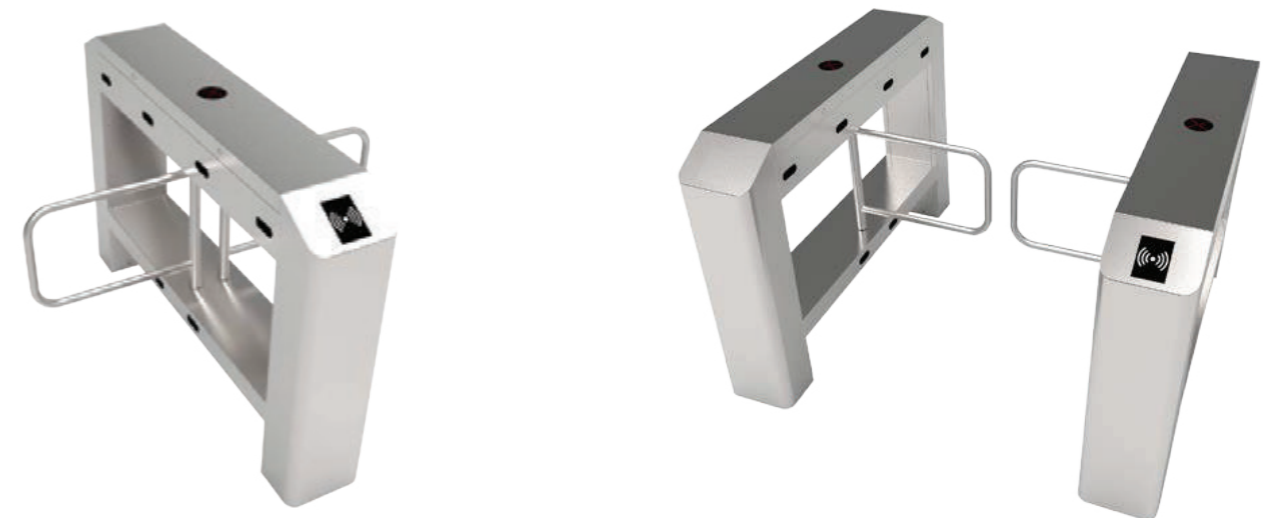
- Adjustable swing width and extra-wide barrier-free access
- SUS304 stainless steel body provides ultra-high durability
- Smooth and quiet operation
- Durable motor
- All-in-one solution with RFID and fingerprint access control
- Easy installation and maintenance



- SBT1000S: Swing Barrier
- SBT1011S: Swing Barrier with RFID Access Control System
- SBT1022S: Swing Barrier with Fingerprint and RFID Access Control System



- SBTL2000: One Lane Swing Barrier
- SBTL2011: One Lane Swing Barrier with RFID Access Control System
- SBTL2022: One Lane Swing Barrier with Fingerprint and RFID Access Control System
- SBTL2200: Two wing Swing Barrier for additional Lane
- SBTL2211: Two wing Swing Barrier with RFID Access Control System for additional Lane
- SBTL2222: Two wing Swing Barrier with Fingerprint and RFID Access Control System for additional Lane



- SBTL3000: One Lane Swing Barrier
- SBTL3011: One Lane Swing Barrier with RFID Access Control System
- SBTL3022: One Lane Swing Barrier with Fingerprint and RFID Access Control System
- SBTL3200: Two wing Swing Barrier for additional Lane
- SBTL3211: Two wing Swing Barrier with RFID Access Control System for additional Lane
- SBTL3222: Two wing Swing Barrier with Fingerprint and RFID Access Control System for additional Lane



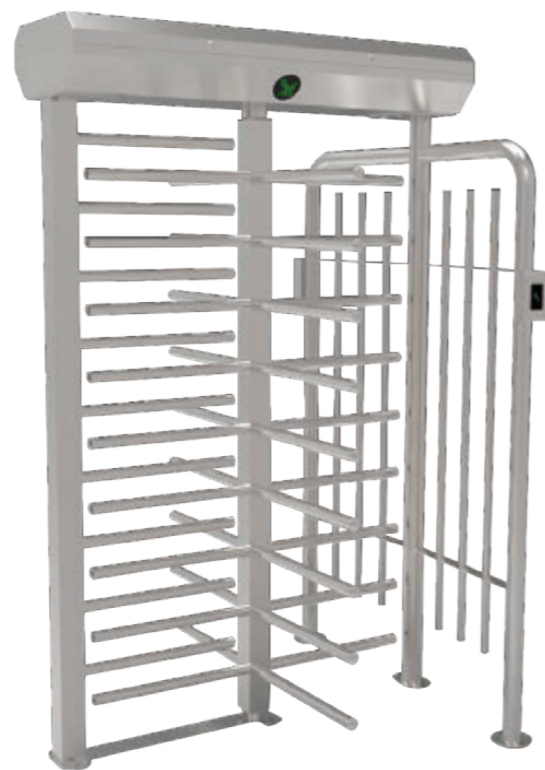
# Full Height turnstiles

The FHT series provide bi-directional access control in conjunction with access control system or any device that can provide a dry contact output (such as a push button). It is designed for both indoor and outdoor using.



## FHT2300 (3 passages)

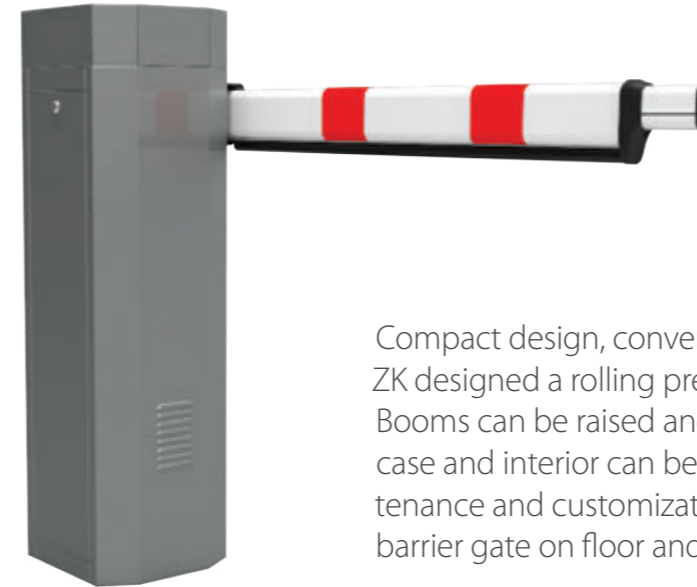
- FHT2300: Full Height Turnstile
- FHT2311: Full Height Turnstile with RFID Access Control System
- FHT2322: Full Height Turnstile with Fingerprint and RFID Access Control System



## FHT2400 (4 passages)

- FHT2400: Full Height Turnstile
- FHT2411: Full Height Turnstile with RFID Access Control System
- FHT2422: Full Height Turnstile with Fingerprint and RFID Access Control System

# Parking Barriers



Compact design, convenient for packing and low delivery cost; ZK designed a rolling pressure spring technology, product life. Booms can be raised and lowered smoothly and steadily. Outer case and interior can be flexibly separated, convenient for maintenance and customization. Simple installation – just fix the barrier gate on floor and connect it to electricity.

## Accessories





Security

Inspection

ZKTeco provides state of the art products, solutions and services for security inspection at public spaces. We meet our customers' most demanding threat detection needs while improving operational efficiency.

# Walk Through Metal Detector

ZK-D1065S

ZK-D2180S

ZK-D3180S



6 Areas



18 Areas



18 Areas

REMOTE CONTROL

## Features

- Multiple mutual over-lapping detecting zones, simultaneous alarm from multi-zones.
- Sound & LED alarm: Both Side LED indicator, easily show where the metal is.
- Alarm strength indicator on control panel.
- Automatically count passengers and alarm times.
- Password protection, only the authorized person can operate.
- Harmless to human body: is harmless with heart pacemaker, pregnant women, magnetic floppy, recording tapes, etc.
- Using high density fireproof materials. Program self-diagnostic when power on.

Model No.	ZK-D1065S	ZK-D2180S	ZK-D3180S
Supply Voltage	AC100V-240V		
Temperature Range	-20°C~+50°C		
Frequency	4KHZ - 8KHZ		
Standard External Size (mm)	2200*800*580		
Standard Internal Size (mm)	2010*700*500		
Package size for Door Panels (mm)	2260*650*260 *1ctn		
Package size for Control Unit (mm)	780*390*250 *1ctn		
Gross Weight	70KG		
Display	LED	3.7 inch LCD	5.7 inch LCD
Zones Quantity	6	18	18
Each zone Sensitivity Level	100	256	256
Remote Control	N	N	Y

# Handheld Metal Detector

ZK-D100S



## Features

- Selectable Alarm terms.
- 2 levels of sensitivity.
- Li battery, DC charge cable. (Optional)
- Battery saving function after one minute.

Model No.	ZK-D100S
Unit Dimensions (mm)	410*85*45
Power Voltage	Standard 9V battery
Operating voltage	7V-9V
Operating Current	<50mA
Alarm terms	Sound & Light / Vibration & light
Alarm Sound	75dB(A)
Frequency	25KHz

# X-ray Inspection System

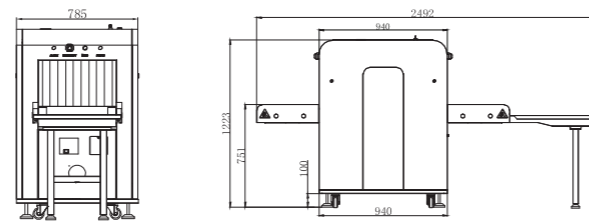
Our X-ray inspection systems increases the operator's ability to identify potential threats; the device is designed to scan briefcases, carry-on baggage, small cargo parcels.

ZKTeco X-ray Series can use reliable high quality single or double energy X-ray generator. With the superb image algorithm, X-ray system could offer clear scanning image, which allows operators to identify potential threat items visually.

With ergonomic modern design, X-ray Series could help operators to identify suspicious items fast and accurately.

## ZKX5030 Series

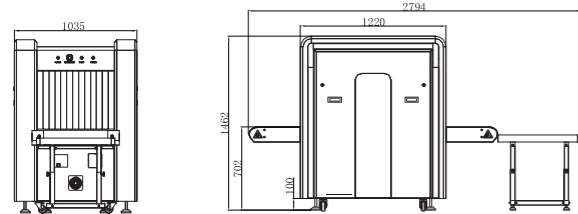
### Single/Double Energy X-ray Inspection System



\* Note: ZKX5030A equipped with a computer keyboard

## ZKX6550 Series

### Double Energy X-ray Inspection System



	ZKX5030A	ZKX5030C	ZKX6550
<b>Specifications</b>			
Tunnel Size (mm)	507 (Width) x 305 (Height)		30.000
Speed	0.20 m/s		
Height of Transmission Belt	710 mm		
Maximum Load	≥150kg (Adequate distribution)		≥200kg (Adequate distribution)
Wire Resolution	≥34 AWG (0.16mm metal wire)	≥38 AWG (0.1mm metal wire)	≥40A WG (0.0787mm metal wire)
Space Definition	Horizontal Φ1.0mm \ Vertical Φ2.0mm		
Penetration Definition	≥32 AWG		≥34 AWG
Penetration	≥8mm Steel board	≥32mm Steel board	≥40mm Steel board
Monitor	17inch LED		
System Function	High density alarm, TIP, Luggage counter, System running timer, X-ray emitting timer, System maintainance, Training	High density alarm, Explosive/Drug auxiliary detect, TIP, Luggage counter, System running timer, X-ray emitting timer, System maintainance, Training	
Optional Function	Video surveillance system, Bidirection scan, Electrical weighing system, Energy saving mode, Ultra-sonic rat repellent		
Film Safety	ASA/ISO1600 standard of film safety		

### X-ray System

Energy	Single	Dual	
Tube Voltage	80Kv	140Kv	150Kv
Cooling	Seal oil cooling / 100%		
Single Inspection Dosage Rate	≤1.0μ Gy		
Radiation Leak Dosage	0.1μ Gy/h(5cm from the surface)		

### Installation Specification

Package Size (mm)	1970 × 1020 × 1420 (LxWxH)	2235 × 1160 × 1700 (LxWxH)	
Console Desk Size (mm)	N/A	830 × 800 × 1330 (LxWxH)	
Weight	400 Kg	530 Kg	
Power Consumption	0.6kVA		
Noise	53.8dB(A)		



# Green Label

## Series

**Green Label is a project-oriented high-end product line, loaded with stunning and innovative features.**

The Green Label concept also includes a new market strategy by strictly controlling and regulating policies such as pricing and after-sale service.

# GL Series

## What is Green Label?

Green Label is a project-oriented high-end product line, loaded with stunning and innovative features such as the revolutionary Silk ID fingerprint sensor with 3D NFPV technology, capable to provide an exceptional performance toward dry, wet and rough fingerprints and the new hardware platform: equipped with an optimized a fast 1.2GHz processor which dramatically increase the verification speed.

This advanced product line is made with a modern hardware and a fireware design and is the perfect match for ZKTeco's latest web-based software platform to provide a full featured biometric time management and security solutions.

The Green Label consists of two product lines: Time & Attendance and Access Control.

### Innovative and Modern Product Design

1. United product image, family design of molds, UI and packaging.
2. Unique PUSH HTTPS Protocol, for a fast, stable and secure communication.
3. Covers all safety standards of verifications methods.
4. Compatible with ZKTeco's latest web-based time management and security solutions, software and products.



### Customer Centric After Sale Service

1. 36-month warranty.
2. Provides full documentation including multi-language brochures, user manuals, FAQ database, solutions and case studies.
3. All Green Label faulty devices have the priority right to be repaired.



## Time & Attendance Devices



G2  
Fingerprint



G3  
Fingerprint + Face

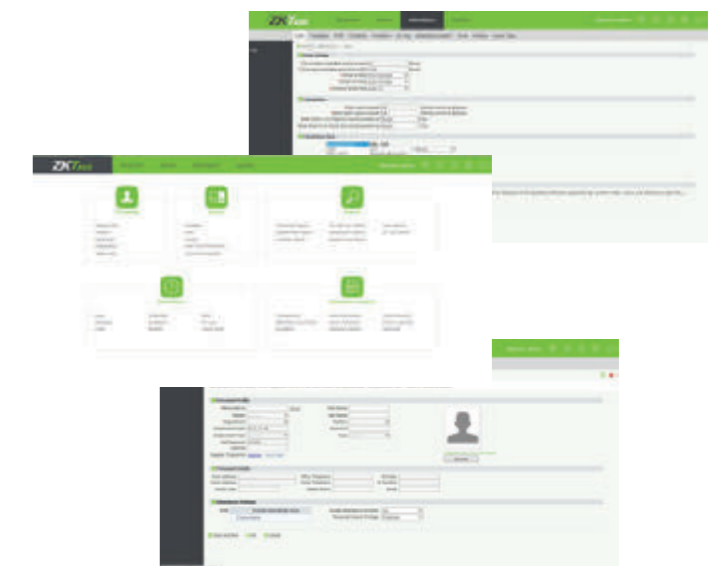
## Time & Attendance Software

ZKTime Web 2.0 is a cutting edge Web-based Time Attendance software, which provides a stable communication for devices through GPRS/WAN, hence, users can access to the software anywhere by their Web Browser to remotely manage hundreds of T&A terminals under complex network condition (WLAN).



ZKTime Web 2.0

- Web-based Time Attendance Software
- Easy Inter-Regional Attendance Management
- Automatic Attendance Management
- Flexible Shift Scheduling
- Real-time Data Transmission
- Attendance Calculation & Reports
- Brand New User Interface
- Employee Self-Service Query System



## Access Control Devices



ProRF-T  
RFID

ProCapture-T  
RFID + Fingerprint

	ProRF-T	ProCapture-T
Card Capacity	50.000	10.000
Fingerprint Capacity	N/A	6.000
Transactions	100.000	
User / Event Photos	3.000 / 7.000	
Communication	TCP/IP, RS485, USB-Host, Wiegand IO	
Access Control functions	Lock, Alarm, Aux. In, Exit button, Door sensor, doorbell	

## ProCapture-X

### POE Fingerprint Access Control Terminal

ProCapture-X is a POE fingerprint access control terminal with the most advanced SilkID technology, which not only possesses outstandingly high identification rate towards dry, wet and rough finger, but also provides the utmost security with its live finger detecting capability.

The device is designed in horizon style design and is equipped with touch keypad, which provides a superior touching experience. It also offers flexibility standalone installation or with any third-party access control panel that supports standard wiegand signal. TCP/IP, RS485 and Wi-Fi (Optional) are available that the device can be used in different networks.



	ProCapture-X
Card Capacity	50.000
Fingerprint Capacity	20.000
Transactions	500.000
User / Event Photos	N/A
Communication	TCP/IP, RS485, USB-Host, Wiegand IO, Optional Wi-Fi
Access Control functions	Lock, Alarm, Aux. In, Exit button, Door sensor, doorbell
Special features	POE(Standard IEEE 802.3at)

	inPulse	inPulse+
Card Capacity	2.000	
Fingerprint Capacity	N/A	1.500
Vein Capacity	1.500	
Transactions	100.000	
User / Event Photos	N/A	
Communication	TCP/IP, RS485, USB-Host, Wiegand IO	
Access Control functions	Lock, Alarm, Aux. In, Exit button, Door sensor, doorbell	



inPulse  
RFID + Vein

inPulse+  
RFID + Vein + Fingerprint

## External Readers

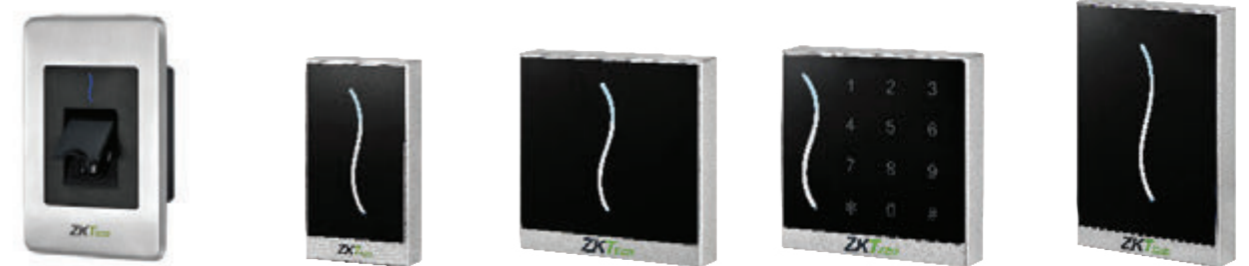
We also provide fingerprint reader FR1500-WP and card reader ProID Series to work ZK controllers. It is also optional to embed EM, Mifare or Desfire card reader inside, providing the most secure and cost-effective access control solution for your needs.



ProFAC  
RFID + Face

ProBio  
RFID + Face+ Fingerprint

	ProFAC	ProBio
Card Capacity	10.000	
Fingerprint Capacity	N/A	4.000
Face Capacity	2.000 (1:N) / 4.000 (1:1)	
Transactions	100.000	
User / Event Photos	4.000 / 2.000	
Communication	TCP/IP, RS485, USB-Host, Wiegand IO	
Access Control functions	Lock, Alarm, Aux. In, Exit button, Door sensor, doorbell	



FR1500-WP

ProID10

ProID20

ProID30

ProID40

## Access Control Panels

InBio Pro is an access control panel applying Push firmware with auto-sync functionality. It supports web based software ZKBioSecurity3.0, which offers an all-in-one solution for not only access control, but also video linkage, elevator control and visitor management. Made of environmentally friendly and safe materials, InBioPro is your most reliable choice with no doubt. Only proximity version also available through C3 Pro Series.

## RFID Access Controllers

C3-100 PRO



C3-200 PRO



C3-400 PRO



Card Capacity:	30.000		
Event Capacity:	100.000		
Communication:	TCP/IP, RS485		
SDK:	Push SDK		
Wiegand Input:	2ea	4ea	4ea
Aux.output:	1ea	2ea	4ea
Aux.input:	none	2ea	4ea

## RFID & Fingerprint Access Controllers

inBIO160 PRO



inBIO260 PRO



inBIO460 PRO



Card Capacity:	30.000		
Fingerprint Capacity:	3.000 (optional 20.000)		
Event Capacity:	100.000		
Communication:	TCP/IP, RS485		
SDK:	Push SDK		
Wiegand Input:	2ea	4ea	4ea
Aux.output:	1ea	2ea	4ea
Aux.input:	1ea	2ea	4ea
Aux:	RS485 for Fingerprint Reader		

## Elevator Panels

The EC10 controller offers the user better security, scalability and versatility in an elevator control system. The access to each floor can be controlled according to different methods of verification, by fingerprint, proximity or pin. Furthermore one can program access control time-tables, thereby creating different access levels.

All of these functionalities are particularly recommended for a company's visitor management.

## EC10

Elevator control and more

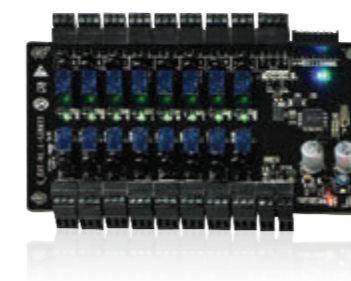


Number of Floors	10 Floors
Number of Supported EX16	3
Communication to EX16	RS485
Number of Reaser Supported	1 Reader
Type of Readers Supported	Wiegand readers or RS485 readers
Fingerprint Capacity	3.000
RFID Card Capacity	30.000
Event Capacity	100.000
Communication to PC	TCP/IP or RS485
CUP	32 bit 400MHz
RAM/Flash Memory	32M/128M
Power Supply	12V DC
Operating Temp.	0 - 45 °C
Dimension & Weight	242mmx95mmx60mm 0.8Kg

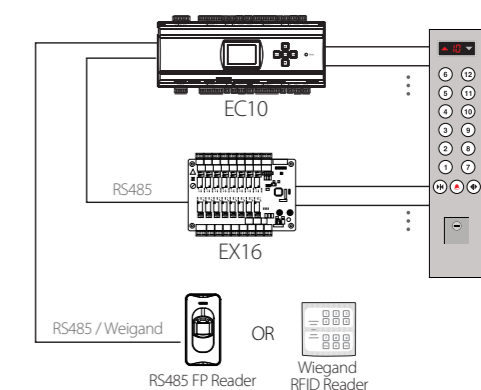
## EX16

EC10 offers a solution in buildings that manages up to 10 floors, although this can be expanded with up to 3 extension panels EX16, which cover 16 further floors each. This means our solution can manage up to 58 floors with the installation of one single control system.

Extension Board to Control 16 floors



Elevator Control System





# Access Control Software



All in One Solution



## Features:

- |  |                                  |  |
|--|----------------------------------|--|
| Web Based Platform                     | All-In-One Solution              | Many Doors Management Capacity                         |
| Neat and Tidy, Simple User Friendly UI | Email Notifications              | Data Auto-Backup Function                              |
| Support 3rd Party Video Device         | Global Anti-Passback and Linkage | Huge Data Processing Capability                        |
| Flexible Card Format                   | Online Guard Patrol Feature      | Time Zone Settings for Exit button and Auxiliary Input |
| Flexible Verification Mode             | Activate or Deactivate the Door  |  |

## ZKBioSecurity

### Professional Web-Based Access Control Software

ZKBioSecurity, the “All in One” web security platform developed by ZKTeco has become more powerful than ever. The updated version 3.0.3.0 features Superb security functions such as HTTPS encrypted communication, doors emergency lockdown, up to 66 bits flexible card format, personnel multi-card support, smart data analysis and the latest add on - the Patrol Module - to efficiently manage security guards patrol tours using the existing access control readers, reducing costs and ensuring patrol tasks.

Fully compatible with the revolutionary SilkID - FBI Certified (PIV07100) - fingerprint sensor and the Green Label Premium Series, the ZKBioSecurity 3.0 platform provides the most advanced multibiometric identification solution in the industry, taking the user experience to the highest level.

### Features

- All-In-One solution (Access Control, Video Surveillance, Elevator and Visitor Mangement)
- Simple Structure and Smooth Workflow
- Many Doors Management Capacity (Up to 2,000 doors in Single Server and 8,000 Multi-Server)
- Stable, Fast and Consistent Communication
- Advanced Access Control Functions
- Global Anti-Passback and Linkage
- Video Integration Compatible with Third Party Device
- Automatic Data Backup
- Alarms and Events Email Notifications
- System Log Monitoring System
- Supports InBio Pro Access Control Panels and Green Label Product Series

### Software Specifications:

System Architecture	Server/Browser
Door Capacity	2,000 Single Server/ 8,000 Multi-Server
User Capacity	30,000
Default Database	PostgreSQL / SQL Server & Oracle (optional)
Supported OS	Windows 7/8/8.1/10/Server 2008 (32/64)
Suggested Browsers	IE 11+/Firefox 27+/Chrome 33+

### Minimum PC Requirements:

CPU	Pentium Dual-Core Processor or Above
Memory	4GB or Above
Storage	10GB Free Space or More. (NTFS Recommended)
Monitor Resolution	1024 x 768 or Above



# Time Management

# Solutions

**Workforce Management is an integrated set of processes that an institution uses to optimize the productivity of its employees on the individual, departmental, and entity-wide levels.**

ZKTeco has been at the forefront of time management solutions for the last 30 years, integrating advanced biometric technologies with innovative and versatile terminals. As we know that no two projects are the same we have ensured to offer a large and versatile range of options so that you can provide your client with the ideal and unique solution.

# Time Attendance Terminals

NEW

## UA860

### Fingerprint Time Attendance Terminal



Display	2.8" Color Screen
User Capacity	3,000
Fingerprint Capacity	1,000 (1:N)
ID Card Capacity	3,000 (optional)
Record Capacity	50,000
Communication	TCP/IP, Wi-Fi, USB-host
Interfaces	3rd Party Electric Lock, Exit Button
Wiegand Signal	Output
Optional Functions	ID/MiFare Card, WDMS

## iClock Series

### Fingerprint/RFID Time Attendance Terminals



iClock Series are a 3.5-inch TFT screen Time Attendance Terminals. Adopting an user-friendly firmware and the latest core-board, it improves performance, accelerates identification speed and possesses higher extendibility for various customization requirement. What's more, the user-friendly interface gives you a new experience.

Most of them are equipped with standard functions like TCP/IP, USB-host, camera, T9 input, and backup battery. They also have access control interfaces for Wiegand In, Wiegand Out, Door lock, alarm and doorbell.

## SC705

### Touch Screen RFID Time & Attendance Terminal

SC705 is a 13.56 MHz proximity attendance management terminal incorporated with 3" TFT LCD. The color touch screen offers a user-friendly and easy menu management. The added feature of a 3" interface window offers the option of displaying informative messages, managed directly from software.



- EM / MF / Desfire Proximity
- Internal Wi-Fi
- Real-Time Data Transmission
- Online/Offline Operating mode
- Available Special Version for University



Student Attendance Solution



Time Shift Management



Hospitality

NEW

## VF380

### TA Compact Size Biometric Multifunctional Terminal (Face)

#### Features

- 1,200 Faces, 10,000 Cards And 100,000 Records.
- Communication: TCP/IP, USB-host.
- High Verification Speed.
- Intuitive And Stunning UI Design.
- Sophisticated And Lightweight Design, Fits In Any Environment.

Face Capacity	1,200
ID Card Capacity	10,000
Record Capacity	100,000
Display	3-inch Touch Screen
Communication	TCP/IP,USB-host
Optional Functions	Mifare Card, Wi-Fi



## UFace Series

### Hybrid Biometric TA & AC Multifunctional Terminal Series



Display	4.3-Inch Touch Screen
Face Capacity	1,200 (1:N)
Fingerprint Capacity	2,000
ID Card Capacity	10,000 (optional)
Record Capacity	100,000
Communication	TCP/IP, RS232/485, USB-host
Interfaces	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm
Wiegand Signal	Output
Optional Functions	ID/Mifare Card, Wi-Fi, 3G, ADMS, 2000 mAh Backup Battery

## MB360

### Hybrid Biometric Multifunctional Terminal (Face & Fingerprint)

#### Features

- 400 Faces, 500 Fingerprints, 100,000 Records and 1,000 Cards (optional).
- Communication: TCP/IP, USB-host.
- High Verification Speed.
- Intuitive and stunning UI Design.

Face Capacity	400
Fingerprint Capacity	500
ID Card Capacity	1,000 (Optional)
Record Capacity	80,000
Display	2.8-inch TFT Screen
Communication	TCP/IP, USB-host
Optional Functions	ID / Mifare Cards, Work Code, ADMS
Interface for Access Control	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm



## SilkBio-101TC

### SILK ID Slim Design Hybrid Biometric Multifunctional Terminal (Face & Fingerprint)

#### Features

- Slim Design & Touch Keypad
- Stable Operation under Strong Light Source
- Infrared Auto-turning on Function to Save Power
- Quick Recognition of Dry, Wet and Rough Fingers
- Fake Face Detection

Face Capacity	800
Fingerprint Capacity	1500
ID Card Capacity	2,000 (Optional)
Record Capacity	100,000
Display	2.8-inch TFT Screen
Communication	TCP/IP, USB-host
Optional Functions	ID / Mifare Cards, WDMS
Access Control Ports	RS232/485 ,Door Lock, Door Sensor, Exit Button, Alarm



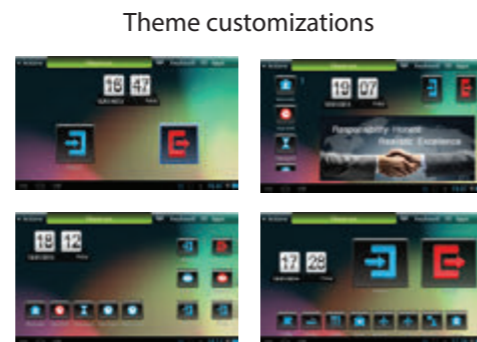
# Data Collection Terminals



ZKTeco's multi-functional data collection terminals, with Android platform, offers fingerprint sensor and capacitive touch screen display, and added features such as Wi-Fi and internal battery. Available with a complete middleware solution, these terminals not only focus on time management, but due to its Android Operating System, they can help you develop infinite types of applications in a comfortable and intuitive way, with the possibility to develop different solutions for a wide range of sectors in the vertical market.

- Job Costing
- Conference Management
- VIP identification
- Time Management
- Fidelity Systems
- Warehouse management
- Canteen management
- Exhibitions Visitor management

## Biopad Android Flexible Data Collection terminal



## C5000 Mobile Data Collection terminal



	Biopad	C5000
Operating System	Android	
Capacitive Touch Screen	7 inch	5 inch
Hardware options	Fingerprint / RFID	
Power Supply	Built-in Battery	
Attendance Camera	YES	
Communication	TCP/IP, Wi-Fi, USB-Host, SD Card Slot	Wi-Fi, GPRS, Bluetooth, SD Card Slot

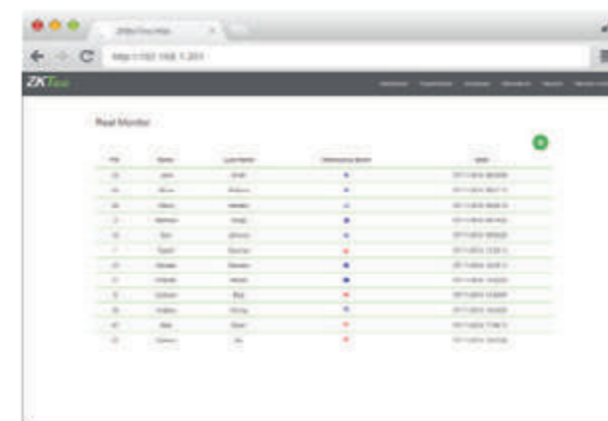
NEW

## Plug & Play Time Attendance Solution

BioTime Web is the most innovative and simple 'Plug & Play' solution for employee time management, specially designed for small and medium business.

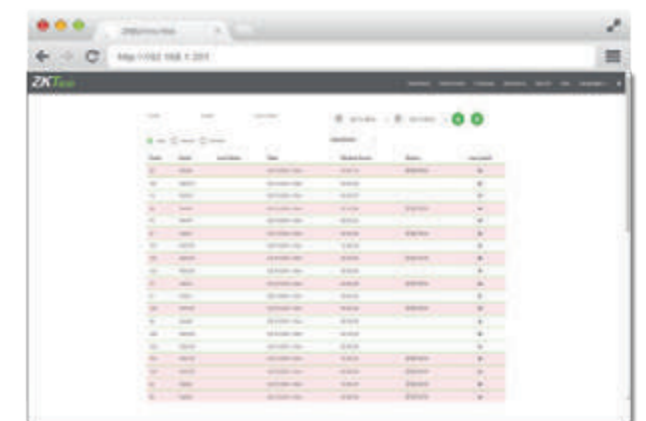
The solution is based on ZKTeco's **Biopad** with an incorporated T&A application for the configuration and management of employees and their working schedules.

The uniqueness of the solution is that the Biopad comes with an integrated **Webserver**, an online time management application capable of managing all terminal data in real time through a web browser, allowing you to visualize and manage your employees' schedules from anywhere without the need of any added software.



### Real-Time Monitoring

The system provides all log information in real-time so you can check the latest actions of each user thanks to its intuitive interface.



### Attendance Reports

BioTime Web includes a flexible timetable feature, the reports of which can be exported, organized by day, week or month.

# Management Software



## ZKTime Enterprise Features



### Data and Access

Works with MySQL, MS SQL and Oracle. Allows multi-company and multi-user.

### Staff

Includes private calendar and profile (round hours, interruptions, payroll, etc.) as well as flexible work timetables. It can store fingerprints and faces of employees for recognition in biometric terminals. Imports employees from CSV.

### Work Shifts / Timetables

Supports both diurnal, nightly, rotating and flexible shifts. Allows evaluations of payroll per shift, mandatory attendance times, periods of validity of events and support for workdays over 24 hours. It is possible create estimated or fixed shift schedules.

### Calendars

Public calendars can be defined and then customized for each employee. Supports days with hourly variations or events (vacation, leave, travel, etc.).

### Payroll

Allows you to define the preferred payroll method, whether per number of hours in one day, or established time frames. Manages different payroll concepts such as regular hours, overtime, extra holidays, and so on. Payroll can compensate according to a predetermined amount of time or employee duty time.

### Accrued Balance

For each attendance event received, even work event, it allows to define multiple accrued balance types setting the different operations (add/deduct time, increase/decrease times, etc...) hereby controlling the total accrued balance, and setting the permitted value limits.

## ZKTime Enterprise Advanced Time & Attendance Software

ZKTime Enterprise is an advanced T&A application for ZKTeco terminals that allows to manage all In/Out attendance and access records, controlling all kind of accrued balance, payroll methods and attendance events (breakfast, lunch, medical, personal business, smoke etc.),.

Therefore, it includes an access control module, where you can define different access time slots and days for each employee. It can operate together with Atalaya-2, ZKTeco's web staff portal.

# ZKTime.net 3.0

## Perfect CS Time Attendance Software for SME

### Features

- One Click Sync System
- Profound "Terminal Zone" Management System
- Auto Email Notification
- 20+ Time Attendance Report
- User Friendly UI



Templates	Fingerprint / RFID / Face / Palm
Devices	Time Attendance Units, Access Control Devices with ZK Standard SDK.
Networking	TCP / IP / P2P / USB
Supported OS	Windows XP/ Vista/ 7/8/10 32 & 64Bit
Database	SQLite(default) / SQL Server / PostgreSQL / MySQL Etc.
Max Capacity	2000 Users, 50 Devices
Multi-Languages	English/ Traditional Chinese/ Arabic / Spanish / French/ Japanese/ Russian/ Turkish/ Vietnamese

# ZKTime Cloud

## Cloud based Time Management System

ZKTime Cloud is a Cloud-Based software designed to manage enterprise employee time attendance. It integrates a web staff application through which employees or managers can view and print punches, credit hours, payroll, etc. Allows making petition or changes on your calendar, punches, vacation, personal data, etc. as well. All this through the web browser, without requiring any previous software application.



# ZKTime Small Business

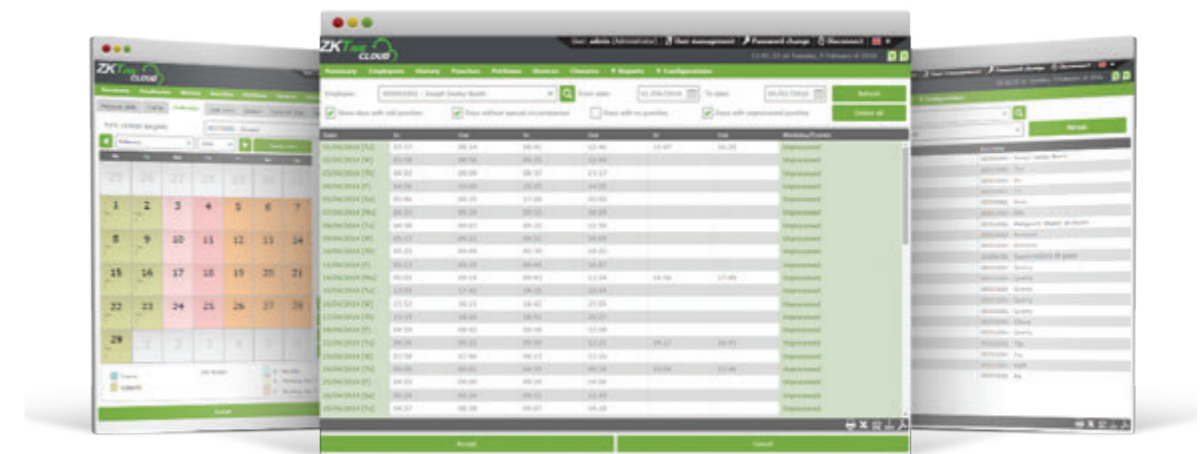
## Professional Time Attendance Software

### Features

- Avoids manual work from payroll process
- Attendance Calculation & Reports
- Supports up to 100 different events
- Multi-language
- Supports SQL Server, MySQL and Oracle databases



Supported OS	Windows XP/2000 or higher version
Hard disk Capacity	100MB free space
Monitor Resolution	1152 x 864 px
Database	MySQL, SQL Server and Oracle
Other	Pre-requisites included in the CD. Allows multi-company





Comprehensive

Solutions

At ZKTeco we continually strive on improving technology that does just that, making you feel safer at all times, in offering global security solutions in collaboration with leading companies from different, yet related sectors.



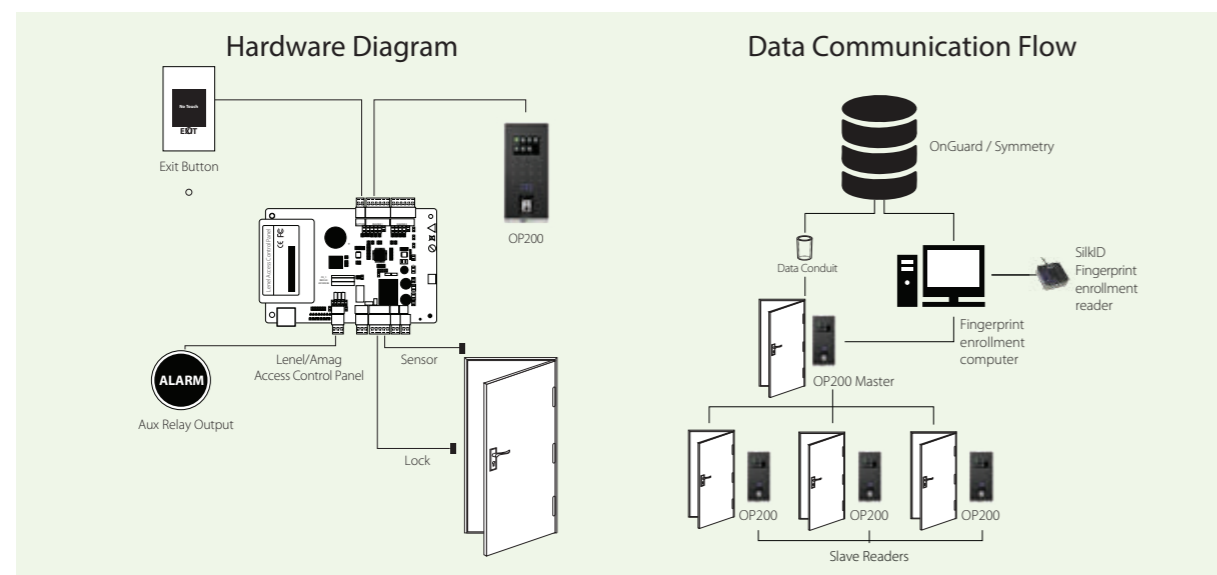
## OPERA SERIES

### OP-200 Fingerprint Reader

Adaptable Biometric Reader for Lenel and Amag customers



- SM OnGuard Integration:**  
 OP200 firmware communicates directly with OnGuard and Symmetry. Automatically synchronizes needed customer user data. Eliminates needs for middleware. Eliminates needs to manually create users in the biometric readers.
- Biometric Performance:**  
 Advanced SilkID fingerprint recognition technology delivers optimal accuracy, matching speed and powerful fake finger detection.
- Auto Data Synchronization:**  
 Multiple OP200s automatically synchronizes fingerprint templates. Eliminates needs for middleware. Eliminates needs to separately manage templates.
- Communication:**  
 Wiegand-Out to Lenel access control panel Wiegand-In for connecting optional 3rd party card readers TCP/IP and RS232/485 data communication USB for offline data management
- Authentication Options: (single or multi-factor)**  
 ✓ Fingerprint  
 ✓ RFID (HID, Mifare, Desfire)  
 ✓ Password
- Capacity:**  
 3,000 Fingerprint templates  
 30,000 cards  
 100,000 transactions



ZKAccess is a member of the Lenel OpenAccess Alliance Program (OAAP) since 2016. Lenel and OnGuard are registered trademarks of United Technologies Corp.

Authentication Options: (Single or Multi-factor) ✓ Fingerprint ✓ RFID (HID, Mifare, Desfire) ✓ Password ✓

## ZKProto SAP

### Human Resources Management Solution

ZKTeco presents its latest HHRR Management Solution based on ZKTeco's Data Collection System integrated with SAP.

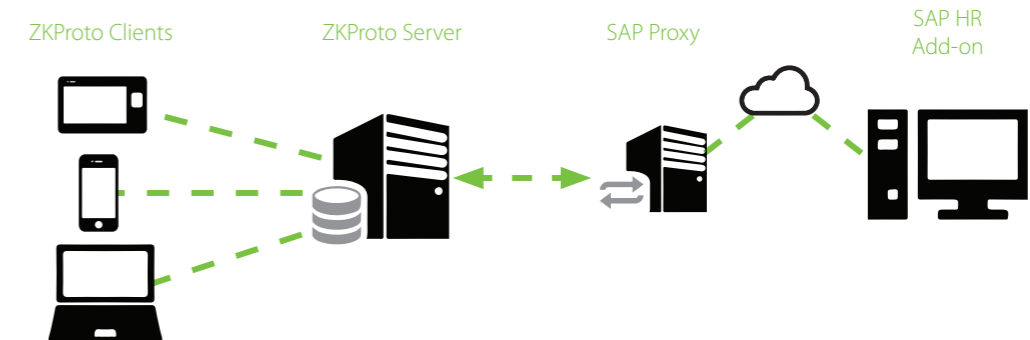


The core of the system is ZKProto, a reliable, fast, modern, secure and flexible communication protocol based on the concepts of middleware and RPC (Remote Procedure Call).

The middleware (in case of ZKProto we use Apache Thrift) takes care of all the raw communication aspects, like sockets and everything related to TCP/IP stack.

The RPC part refers to the ability to call remote procedures/methods/functions like they were local. ZKProto is a centralized protocol as shown in the above diagram, which means the clients never actually connect between themselves but all the communication is done through the server.

The sole and unique purpose of the server is to replicate data (if needed) and resolve any data conflicts that might arise.



### Biopad Android

- Capacitive 7 inch touchscreen
- Android 4.1
- Algorithm version: ZKFinger 10.0
- Fingerprint Capacity: 6.000(1: N)
- Log Capacity: 200.000.
- Internal battery
- RFID Proximity reader.
- Communications: TCP/IP, Wi-Fi, USB Host
- Optional: Wireless LAN, GPRS, 3G,
- Built-in Battery, ID/MF, Relay, SD Card Slot



# Faciality

## High Tech Facial Access Control

Today, security is one of the most valued assets in any area of our lives. Every day we surround ourselves with people we do not know. When we find ourselves facing situations that we do not control, feeling protected against any threat is of vital importance.

Thanks to our partnership with Herta Security, ZKTeco has launched Faciality, a system combining Herta's award winning server based facial recognition with our most advanced access control systems, making it the most complete solution for the surveillance, control and protection of public spaces.



The installation and setup of all Faciality systems is very simple.

After the initial configuration on the server, the system will detect and identify individuals automatically and will apply the necessary actions previously defined in the application to each user detected.



We have four facial recognition solutions specially developed for each type of situation, from simple access control to simultaneous identification in crowded environments. All offer high detection accuracy and are compatible with our access control service.



### faciality **ACCESS**

**Faciality Access** is the perfect solution to limit user access to physical enclosures such as buildings, offices, server rooms and overall security restricted areas.

### faciality **SHIELD**

**Faciality Shield** is the most advanced solution for access control. Like its most basic version but with an improved algorithm it allows users to limit access to physical premises and security restricted areas.



### faciality **FINDER**

**Faciality Finder** detects multiple faces in real time, facilitates user management at any time and even allows you to register using video capture (on-the-fly).

### faciality **SCOUT**

**Faciality Scout** is a video surveillance solution for high-performance facial recognition, specially designed for the simultaneous identification of subjects in multitudinous and ever changing facilities, such as airports, metro or train stations, shopping centres, sports stadiums or urban environments.





# Video

# Surveillance

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

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

# PT Series

## H.265 Compression IP Camera Series

### PT-BA295K4

5.0MP, H.265, 1/1.8" CMOS, WDR  
IR:50M, ONVIF2.4, IP66, P2P, Mobile View

- H.265/H.264 HD Bullet IP camera
- 5.0 MegaPixel, 2592x1944@25FPS
- 1/1.8"High-Performance CMOS Sensor
- 6/8/12mm HD Lens, 4pcs Array Led
- Day/night Switch, IR Distance: 45-50m
- Support WDR and 3D-DNR
- Support P2P, Mobile View
- ONVIF 2.4, IP66
- POE Optional



### PT-BA294K4-AF

4.0MP, H.265, Auto-Focus, ONVIF2.4  
IR: 50m, WDR, P2P, Mobile View, IP66

- Support H.265/ H.264
- 4.0MP(2592X1520)@15FPS/3.0MP(2048X1536)@25FPS
- 1/3 " High-Performance CMOS Sensor
- 2.8-12mm Motorized Lens, 4pcs Array Led
- Day/Night Switch, IR:50m
- Support WDR, 3D-DNR
- Support P2P, Mobile View
- ONVIF2.4, IP66
- POE(Optional)



### PT-BA294K2

4.0MP, H.265, ONVIF2.4, IR: 25m  
WDR, P2P, Mobile View, IP66

- H.265/H.264 HD Bullet IP Camera
- 4.0 MegaPixel, 2592x1520@18FPS
- 1/3"High-Performance CMOS Sensor
- 4/6/8/12mm HD Lens, 2pcs Array Led
- Day/night Switch, IR Distance: 25m
- Support WDR and 3D-DNR
- Support P2P, Mobile View
- ONVIF 2.4, IP66
- POE Optional



### PT-BC294K36

4.0MP, H.265, ONVIF2.4, IR: 35m  
WDR, P2P, Mobile View, IP66

- Support H.265/H.264
- 4.0MP(2592X1520)@15FPS/3.0MP(2048X1536)@25FPS
- 1/3 "High-Performance CMOS Sensor
- 6/8mm lens, 36pcs IR Led
- Day/Night Switch, IR:35m
- Support WDR, 3D-DNR
- Support P2P, Mobile View
- ONVIF2.4, IP66
- POE(Optional)



### PT-BA294K4

4.0MP, H.265, ONVIF2.4, IR: 50m  
WDR, P2P, Mobile View, IP66

- H.265/H.264 HD Bullet IP Camera
- 4.0MegaPixel, 2592x1520@18FPS
- 1/3"High-Performance CMOS Sensor
- 4/6/8/12mm HD Lens, 4pcs Array Led
- Day/Night Switch, IR Distance: 50m
- Support WDR and 3D-DNR
- Support P2P, Mobile View
- ONVIF 2.4, IP66
- POE Optional



### PT-BE294K36V

4.0MP, H.265, External Focusing, ONVIF2.4  
IR:35m, WDR, P2P, MobileView

- Support H.265/H.264
- 2.0MegaPixel, 1920x1080@25FPS
- 1/3"High-Performance CMOS Sensor
- 2.8-12mm HD Lens, Day/Night Switch
- 42pcs IR Led, IR Distance: 35m
- Support WDR and 3D-DNR
- Support P2P, Mobile View
- ONVIF 2.4, IP66
- POE Optional



## PT-DA294K2

4.0MP, H.265, ONVIF2.4, IR: 25m  
WDR, P2P, Mobile View, Plastic Dome

- Support H.265/H.264
- 2.0MegaPixel, 1920x1080@25FPS
- Built-in High-Performance CMOS Sensor
- 4/6mm HD Lens, Day/Night Switch
- 2pcs Array Led, IR Distance: 25m
- Support WDR and 3D-DNR
- Support P2P, Mobile View
- Standard ONVIF 2.4
- POE Optional



## PT-SDC20K9

2.0MP PTZ, H.265, 30XOptical zoom, Auto-Focus  
WDR, IR:120M, IP66, ONVIF2.4, P2P, Mobile View

- Support H.265/H.264
- 2.0MegaPixel, 1920x1080@25FPS
- 1/2.9"High-Performance CMOS Sensor
- 4.3-129mmHD lens, 30xOptical Zoom, IR: 120m
- Pan: 0~360°, 0.1~120°/s; Tilt : -2~90°, 0.1~70°/s
- Support WDR and 3D-DNR
- Support P2P, Mobile View
- ONVIF 2.4, IP66



## PT-NVR5232

32CH, H.265/H.264, 4K Output, P2P, Mobile View  
5.0MP/4.0MP/3.0MP Recording, 2x6TB HDD

- H.265/H.264 NVR
- Support 32CH 2MP/16CH 3MP/8CH 5MP Recording
- Support 4CH 5MP/8CH 3MP/4CH 2MP Playback
- Support 1\*VGA, 1\*HDMI Output
- 1\*RJ45(10M/100M), 2\*USB
- Max. Support 2x6TB HDD
- Support P2P, Mobile View
- Standard ONVIF 2.4
- DC12V4A



## GT Series

Best Selling Camera Series

### GT-ADO220

2.0MP, AHD/TVI/CVI/CVBS Output  
OSD Menu, WDR, Analog HD Camera

- 1/3" WDR CMOS Sensor
- 2.0MP(1920X1080)@25/30FPS,
- Day/Night Switch, IR Distance: 30m
- Support AHD/TVI/CVI/CVBS Output
- Real-Time Transmission Up To 500m



### GT-ADP220

2.0MP, AHD/TVI/CVI/CVBS Output  
OSD Menu, WDR, Analog HD Camera

- 1/3" WDR CMOS Sensor
- 2.0MP(1920X1080)@25/30FPS,
- Day/Night Switch, IR distance: 30m
- Support AHD/TVI/CVI/CVBS Output
- Real-Time Transmission Up To 500m



### GT-ADQ220

2.0MP, AHD/TVI/CVI/CVBS output  
OSD menu, WDR, Analog HD camera

- 1/3" WDR CMOS Sensor
- 2.0MP(1920X1080)@25/30FPS,
- Day/Night Switch, IR Distance: 30m
- Support AHD/TVI/CVI/CVBS Output
- Real-Time Transmission Up To 500m



### GT-ADN220

2.0MP, AHD/TVI/CVI/CVBS Output  
OSD Menu, WDR, Analog HD Camera

- 1/3" WDR CMOS Sensor
- 2.0MP(1920X1080)@25/30FPS,
- Day/Night switch, IR Distance: 30m
- Support AHD/TVI/CVI/CVBS Output
- Real-Time Transmission Up To 500m



### GT-ADS220

2.0MP, AHD Camera, Array LED  
Analog HD Camera, IP66

- 1/3" CMOS Sensor
- 2.0MP(1920X1080)@25/30FPS,
- Day/Night Switch, IR Distance: 30m
- Real-Time Transmission Up To 500m



### GT-ADM220

2.0MP, AHD Camera, Array LED  
Analog HD Camera, IP66

- 1/3" CMOS Sensor
- 2.0MP(1920X1080)@25/30FPS,
- Day/Night Switch, IR Distance: 30m
- Real-Time Transmission Up To 500m



### GT-ASD652

AHD Speed Dome, 1.3MP, 18xOptical Zoom  
Auto-Focus, Analog HD camera

- 1.3MegaPixel, 1280x960@25FPS
- 1/3"High-Performance CMOS Sensor
- 4.7-84.6mmHD Lens, 18xOptical Zoom,IR:50m
- Pan: 0~360°, 0.1~120°/s; Tilt : 0~90°, 0.1~70°/s
- Real-Time Transmission Up To 500m



### GT-ADR801MH

8CH H.264 DVR, 1080P, ONVIF2.4, 1x6TB HDD  
Hybrid Mode(IPC+AHD) Recording  
P2P, Mobile View

- H.264 Hybrid DVR
- Support 8CH 1080P Recording
- Support 4CH 1080P Playback
- 4CH Audio Input, 1CH Audio Output
- Support 1\*VGA, 1\*HDMI Output
- Max. Support 1x6TB HDD
- Support P2P, Mobile View
- Standard ONVIF 2.4
- DC12V2A



### GT-BC520

2.0MP, External Focusing, ONVIF2.4  
WDR, P2P, Mobile View

- H.264 HD Bullet IP camera
- 2.0MegaPixel, 1920x1080@25FPS
- 1/3"High-Performance CMOS Sensor
- 2.8-12mm HD Lens, Day/Night Switch
- 42pcs IR Led, IR Distance: 35m
- Support D-WDR and 3D-DNR
- Support P2P, Mobile View
- Standard ONVIF 2.4, IP66
- POE Optional



### GT-NR3208

32CH H.264 NVR, ONVIF2.4, P2P, Mobile View  
5.0MP/3.0MP/2.0MP Recording, 8x6TB HDD

- H.264 NVR
- Support 32CH 1.3MP/24CH 2MP/16CH 3MP/8CH 5MP Recording
- Support 2CH 5MP/4CH 3MP/8CH 2MP/1.3MP Playback
- Support 1\*VGA, 1\*HDMI Output
- 1\*RJ45(10M/100M), 2\*USB
- Max. Support 8x6TB HDD
- Support P2P, Mobile View
- Standard ONVIF 2.4
- DC12V6A



### GT-BA20K4-S

Star-light IP Camera, 2.0MP, ONVIF2.4, WDR  
4pcs Array Led, IR:50m, P2P, Mobile View

- H.264 Star-Light Bullet IP Camera
- 2.0MegaPixel, 1920x1080@25FPS
- 1/2.8" Star-Light Illumination CMOS Sensor
- 4/6/8mm HD Lens, Day/Night Switch
- 4pcs Array Led, IR Distance: 50m
- Support D-WDR and 3D-DNR
- Support P2P, Mobile View
- Standard ONVIF 2.4, IP66
- POE Optional





# Smart Locks

Smart lock is an electromechanical lock which allows you to open and lock your doors with a virtual key of fingerprint, face, code, RFID card, putting an end to problem of lost keys and enabling an array of intelligent and useful features. In 2006, ZKTeco started to step into the smartlock Industry, with its cutting edge biometric technology to provide security and convenience for home and office.

# ZKBioBT

ZKBioBT is a creative APP for iOS platform and Android platform which allows you to unlock doors and manage users by mobile phones.



## Features

- Doors unlocking
- With ZKBioBT App, your mobile phone is your key
- Lock transaction check
- Flexible open-door duration setting
- User Management
- Delete individual user or all users
- Edit user information including name, ID and privileges



ZKBioBT APP Download For iOS Platform



ZKBioBT APP Download For Android Platform

## Specifications

Supporting iPhones	iPhone4S/iPhone5/iPhone5S/iPhone5C/ iPhone6/iPhone6 plus/iPhone6S
iOS OS Requirement	7.0 and Above
Android OS Requirement	4.3 and Above
Supporting Device Models	ML10B, PL10B, ML10DB, PL10DB
Bluetooth Requirement	Bluetooth 4.0
Compatibility	Support Terminal Screen Self-Adaption for Smart Phone
Tested Android Phones	Nexus 5.0, Samsung Galaxy S4, Samsung Galaxy Note 3, HTC-ONEX, and Huawei Honor

# Office Lock Series

## ML10 Series



Black

Champagne Gold

## PL10 Series



Silver



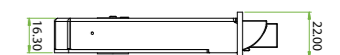
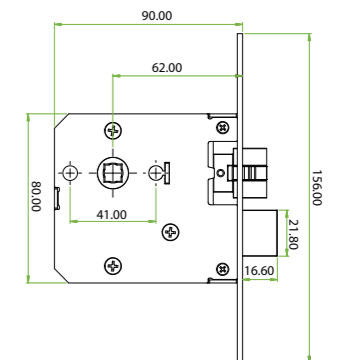
## Features:

- Support fingerprint/ card/ mobile phone/ key
- 125khz ID card reader is optional
- BLE4.0 bluetooth is optional
- American standard single latch with adjustable backset (ML10/PL10)
- German standard mortise with one latch and one deadbolt (ML10D/PL10D)

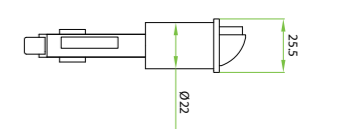
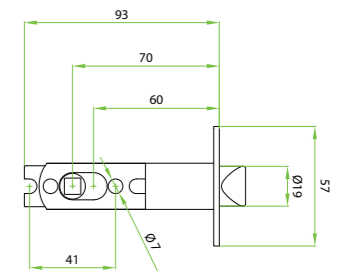
## Specifications

Material	ML10 Series - Zinc Alloy PL10 Series - Rugged ABS
User Capacity	Admin - 10 Normal User - 60 Temporary User - 20
Operating Temperature	-20°C - 55°C
Batteries	4 x AA Alkaline Battery
Battery Life	Over 6000 Times (Above 1 year)
Door Thickness	30-38 mm (Optional) 39-54 mm (Standard) 55-60 mm (Optional)
Dimensions	Front - 69(W)×155(L)×35(D) mm Back - 69(W)×155(L)×25(D) mm

## German Standard Mortise



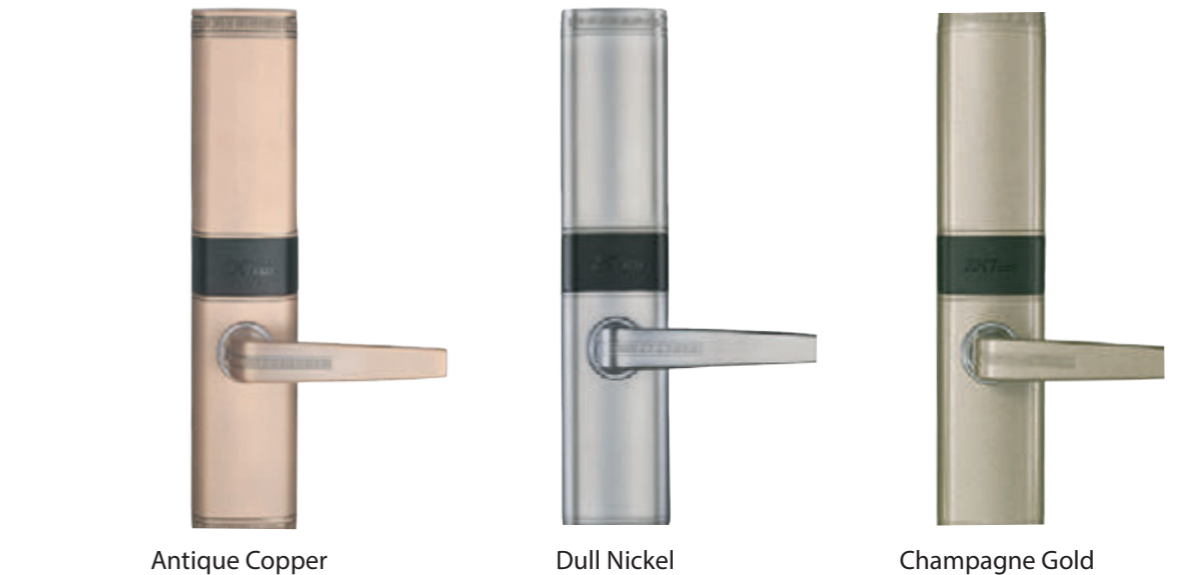
## American Standard Single Latch





# Main Door Lock Series

## TL200 Series

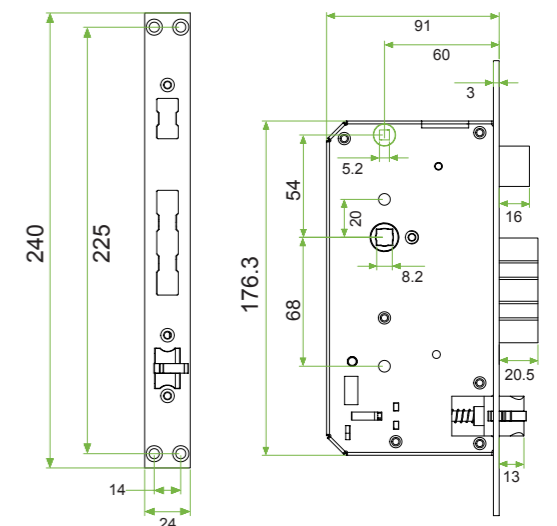


### Features:

- Support fingerprint/ card/ password/ mobile phone/ key
- With voice guide feature for easy and quick operations
- Reversible design to fit for all door open direction
- 125khz ID card reader is standard
- 13.56mhz Mifare card reader is optional
- Remote open door is optional
- BLE4.0 bluetooth is optional

### Specifications

Material	Zinc Alloy
Capacity	Fingerprint/Password/Card -100
Operating Temperature	-20°C - 55°C
Batteries	8 x AA Alkaline Battery
Battery Life	Over 8000 Times (Above 1 year)
Door Thickness	35-90 mm
Dimensions	Front - 75(W)×360(L)×36(D) mm Back - 75(W)×360(L)×36(D) mm



## L7000 Series



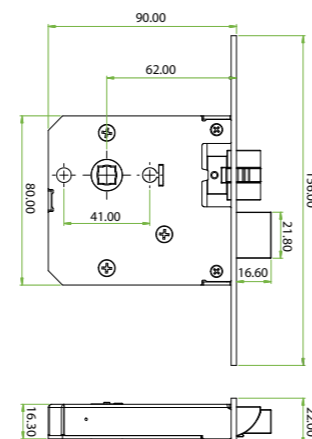
### Features:

- Support fingerprint/ password/ key
- OLED display screen with visual menu
- DIY design for easy installation and quick operation
- Support query door open logs
- American standard single latch with adjustable backset (L7000)
- German standard mortise with one latch and one deadbolt (L7000S)

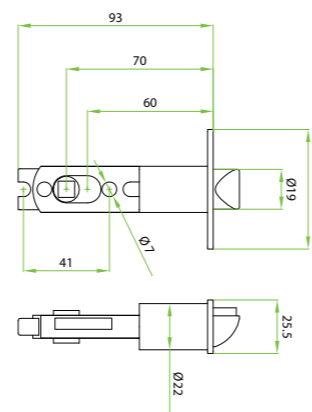
### Specifications

Material	Zinc Alloy
Capacity	Fingerprint - 500/ Password -100
Operating Temperature	-10°C - 55°C
Batteries	4 x AA Alkaline Battery
Battery Life	Over 3000 Times (Approx 1 year)
Door Thickness	35-55 mm (Standard) 55-75 mm (Optional)
Dimensions	Front - 72(W)×185(L)×69(D) mm Back - 72(W)×185(L)×30(D) mm

German Standard Mortise



American Standard Single Latch



## TL100 Series

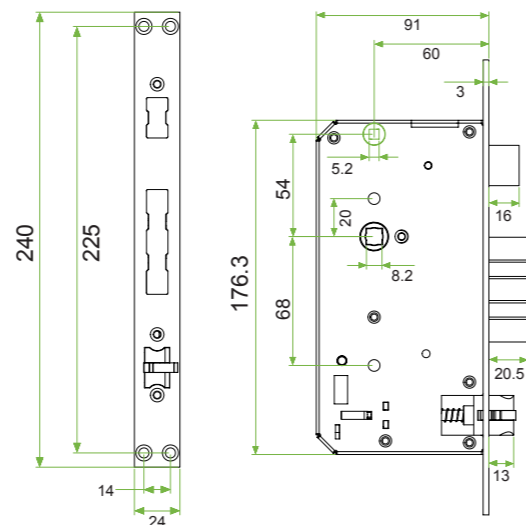


### Features:

- Support Fingerprint/ Card/ Password/ Key
- With Voice-guided Feature for Easy and Quick Operations
- Reversible Design to Fit for all Door Open Direction
- 125khz ID Card Reader is Standard
- Remote open door is optional

### Specifications

Material	Zinc Alloy
Capacity	Fingerprint/Card - 100; Password - 2
Operating Temperature	-20°C - 55°C
Batteries	8 x AA Alkaline Battery
Battery Life	Over 8000 Times (Above 1 year)
Door Thickness	35 - 90 mm
Dimensions	Front - 78(W)x340(L)x31(D) mm Back - 78(W)x340(L)x27(D) mm

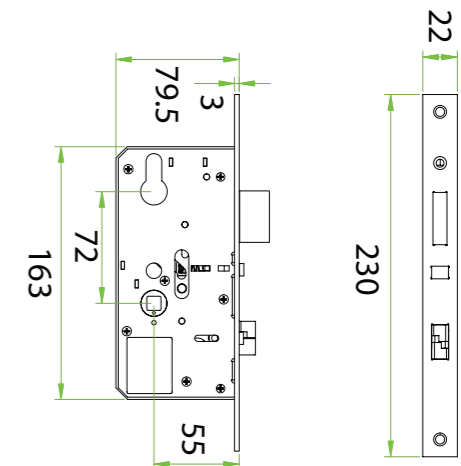


## FL1000-Face Door Lock



### Features:

- Support Face/ Card/ Password/ Key
- Capacitive Touch Screen With Visual Icon Menu
- 125khz ID Card Reader is Optional
- 13.56mhz Mifare Card Reader is Optional
- Remote Open Door is Optional



### Specifications

Material	Zinc Alloy
Capacity	Face/Password/Card - 100
Operating Temperature	0°C - 55°C
Batteries	8 x AA Alkaline Battery
Battery Life	Over 5000 Times (Approx 1 year)
Door Thickness	35-50 mm (Standard) 50-80 mm (Optional)
Dimensions	Front - 74(W)x327(L)x58(D) mm Back - 74(W)x327(L)x40(D) mm

## L4000/L5000

### L4000



4 Colors Available:  
Black, White, Grey, Blue

### L5000

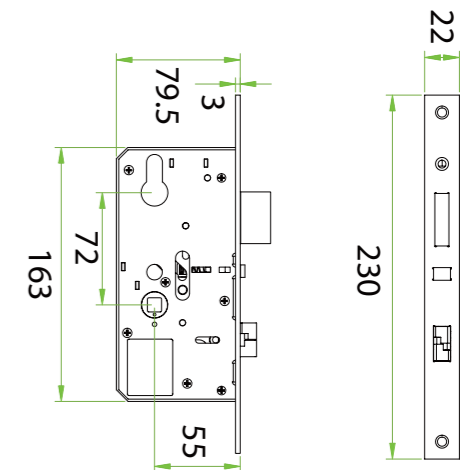


4 Colors Available:  
Black, Blue, Grey, Red



### Features:

- Support Fingerprint/ Password/ Card/ Key
- OLED Display Screen with Visual Menu
- 125khz ID Card Reader is Optional
- 13.56mhz Mifare Card Reader is Optional
- Remote Open Door is Optional

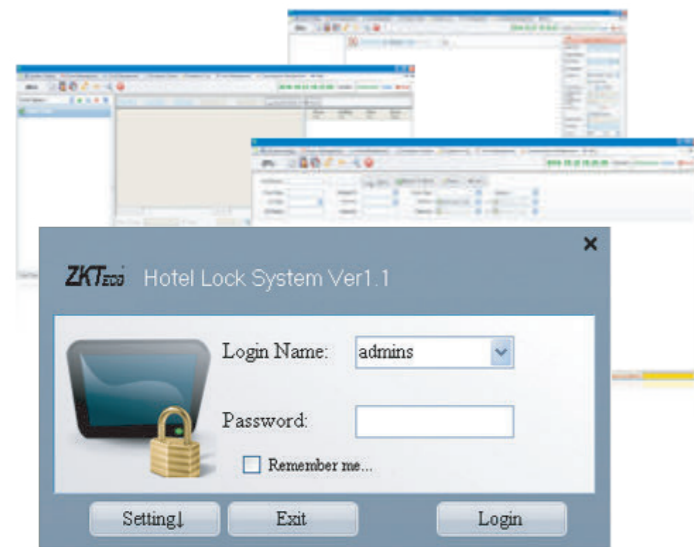


### Specifications

Material	Zinc Alloy
Capacity	Fingerprint/Card - 500; Password - 100
Operating Temperature	-20°C - 55°C
Batteries	4 x AA Alkaline Battery
Battery Life	Over 3000 Times (Approx 1 year)
Door Thickness	35-50 mm (Standard) 50-80 mm (Optional)
L4000 Dimensions	Front - 77.5(W)x312.8(L)x38.5(D) mm Back - 77.5(W)x312.8(L)x38.5(D) mm
L5000 Dimensions	Front - 72(W)x310(L)x34(D) mm Back - 72(W)x310(L)x30(D) mm

# ZKBioclock Hotel Lock System

ZKBioclock Hotel Lock System is specially designed to meet the needs of small-medium hotels, maximum security, individual style and low operation costs. It allows comprehensive access control and system management, and offers you an easy “one-click Installation.”

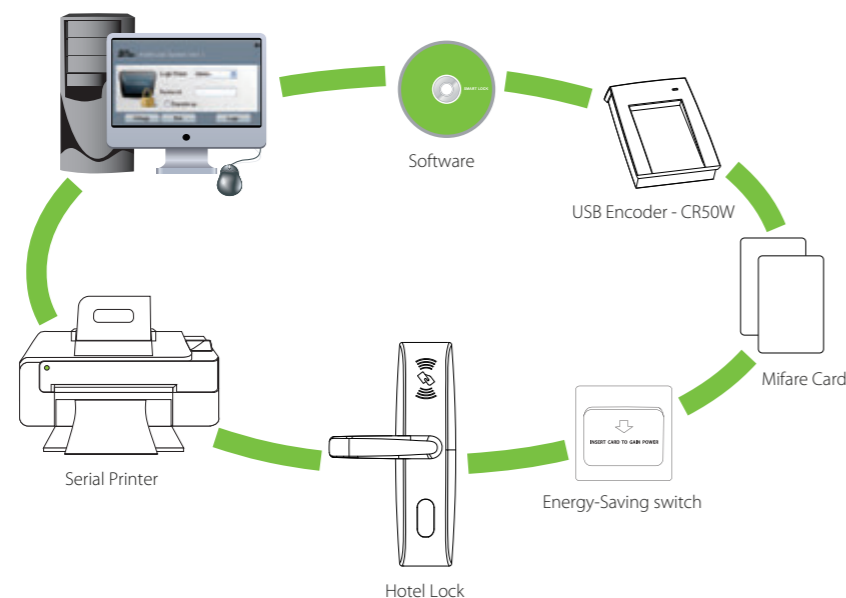


### Features:

- Matrix Design Allows You to See The Room Status
- Check-in, Check-out and Reservation for Hotel Guests
- Create Master, Building, Floor and Other Employee Cards
- Create Lost Cards to Remove Lost/stolen Cards From The System
- Create Record Cards To Get The Unlock logs From The Hotel Locks

### Specifications:

Operating System	Microsoft Windows XP SP3, Windows Vista7/8/10 (32/64)
Database	Microsoft SQL Server 2005 or more advanced
CPU	Pentium Dual-CoreProcessor or above
PC Memory	1G or above
Encoder	USB encoder - CR50W
Languages	English/ Spanish/ Arabic/ French/ Russian/ Thai/ Chinese



# Hotel Door Lock Series

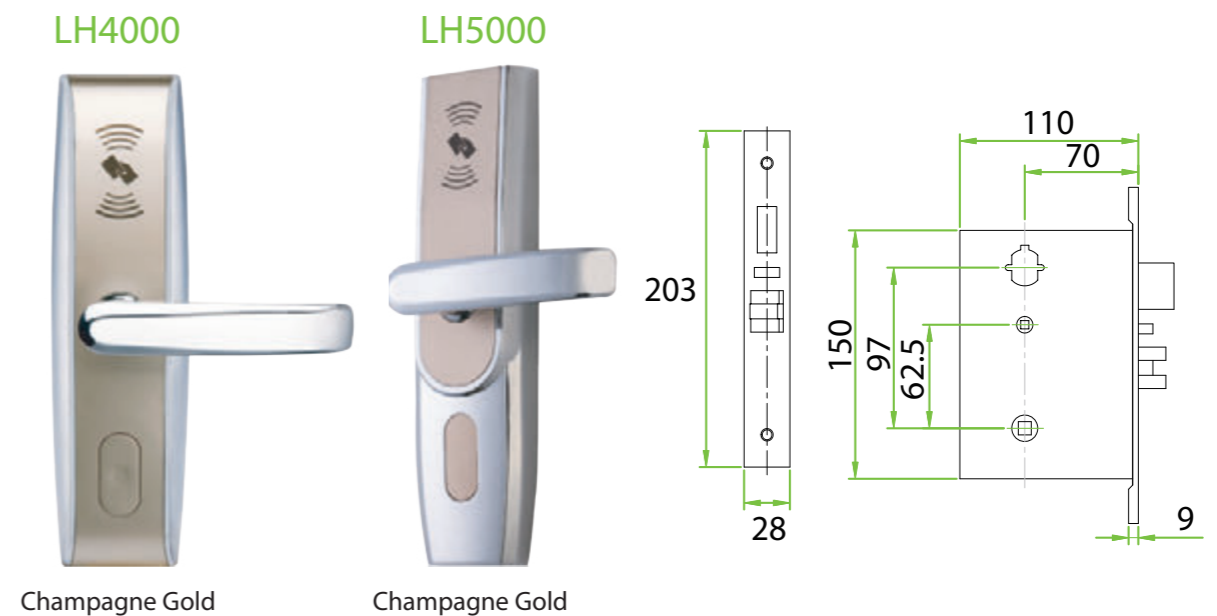
Hotel locks are equipped with the advanced 13.56Mhz Mifare-1 card technology, which has the ability of reading and writing to guest and employee cards. The included lock management software offers you an easy “one-click” installation, what you need is to click next.

### Features

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

### Specifications:

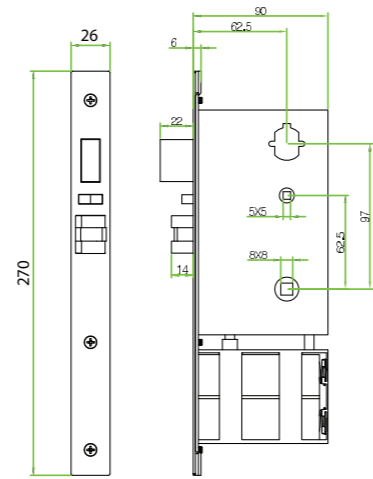
Material	Zinc Alloy - LH1600/LH3600/LH4000/LH5000 Stainless Steel - LH1000/LH2600/LH3000
Card Type	ISO14443 (RFID) Type-A, S70 4KB/ S50 1KB
Card Reader	USB Encoder - CR50W (Sold Separately)
Software	ZKBioclock Hotel Lock System
Operating Temperature	0°C - 45°C
Batteries	4 x AA Alkaline battery
Door Thickness	35-55 mm



LH3000



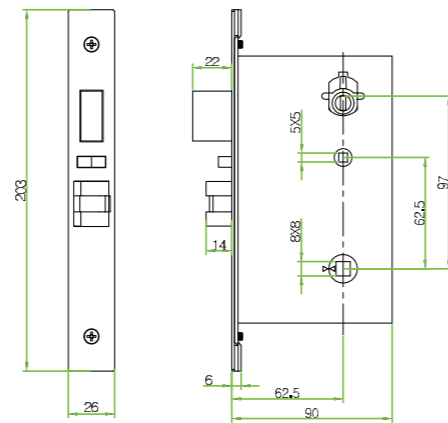
Silver



LH3600



2 Colors Available:  
Silver & Gold



LH1000

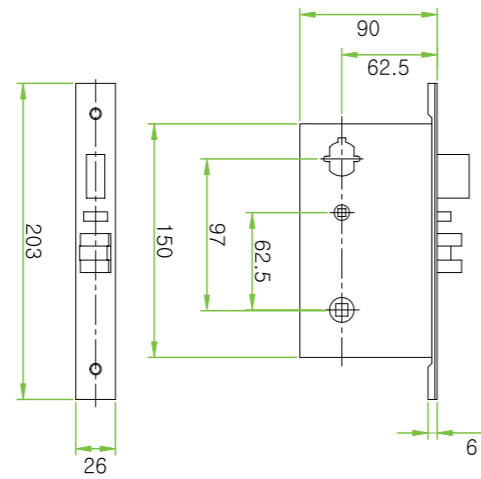


2 Colors Available:  
Silver & Gold

LH2600



Silver





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