



**ALL IN ONE & WEB BASED
BIOMETRIC SECURITY SOLUTION**

01

Software and Product Highlights

What's ZKBioSecurity



ZKBioSecurity is the ultimate **"All-in-One"** web based security platform developed by ZKTeco.



It contains **10 integrated modules:**

access control, elevator control (online/ offline), visitor management, guard patrol, hotel module, T&A, consumption, parking and video linkage.

With an optimized system architecture designed for high level biometric identification and a modern user-friendly GUI, ZKBioSecurity provides the most advanced solution for a whole new user experience.



Personnel



Access



Attendance



Consumption



Elevator



Hotel



Visitor



Parking



Guard Patrol



Video Linkage

Features



LPR Camera for Parking



All-In-One Biometric Security Solution



Extra Large Doors Management Capacity



Time & Attendance



Email Notifications



Data Auto-Backup Function



Support ONVIF Surveillance Device



Global Anti-Passback and Linkage



Web-Based Platform



Flexible Card Format



Online Guard Patrol Feature



Simple User-Friendly UI



Flexible Verification Modes



Door Activation or Deactivation



Time Zone Settings for Exit Button and Auxiliary Input



Hotel Module

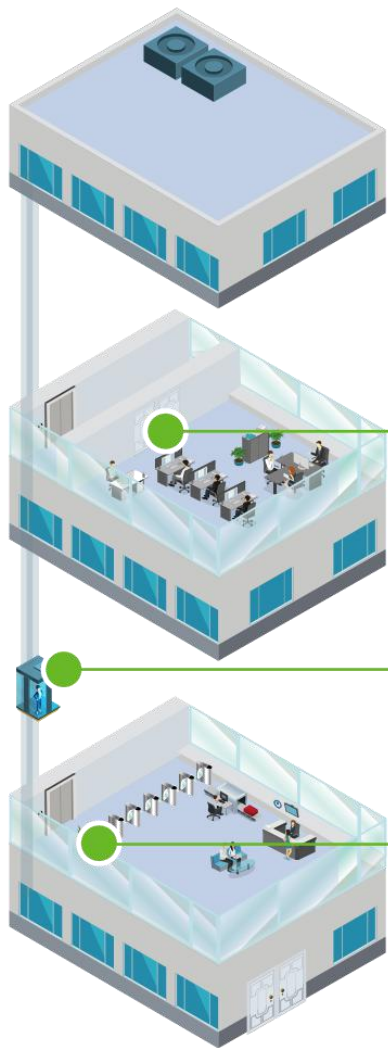




Offline Elevator Control




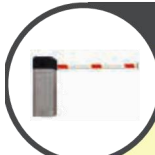
Mobile App

"All-in-One" Web-Based Biometric Security Management Platform **ZKT_{ECO}**



	Multi-Biometric Time Attendance & Access Control Terminal G3 <ul style="list-style-type: none"> • Multiple Verification Modes: Face / Fingerprint / Card / Password • Dry, Wet and Rough Fingers • SilkID Fingerprint Sensor
	Multi-Biometric Access Control Terminal ProBio <ul style="list-style-type: none"> • Multiple Verification Modes: Face / Fingerprint / Card / Password • Dry, Wet and Rough Fingers • SilkID Fingerprint Sensor • Built-in Camera: Event Snapshot and User Photo
	Multi-Biometric Attendance & Access Control Terminal with Visible Light Facial Recognition FaceDepot 7B <ul style="list-style-type: none"> • Enhanced visible light facial recognition with deep learning built-in • 7-inch touch LCD • Fingerprint and ID / MF module optional • Dual-camera for real-time face detection • Recognition distance: 0.3 - 3 m
	Elevator Control Panel EC10 <ul style="list-style-type: none"> • Secure, scalable and versatile • Elevator Controls and Expansion Boards
	Entrance Control FBL5000 <ul style="list-style-type: none"> • Made from the highest quality components • Barriers retract automatically during emergencies • Built in LCD on the control board for easy operation
	43-inches Multipurpose Facial Recognition Smart Device FaceKiosk-V43 <ul style="list-style-type: none"> • 43 Inches touch screen • Support as many as 10,000 facial templates • Fast verification recognition distance of 1-5 meters • Simultaneous dynamic recognition of 3-5 people



	Video Surveillance BS-854N11K <ul style="list-style-type: none"> • 4.0MP, H.265 • 1/3" Sony CMOS, WDR • IR: 20M • ONVIF2.4 • IP67
	Parking Barrier PB4000 <ul style="list-style-type: none"> • Parking barrier can be raised and lowered smoothly and steadily • Outer and interior casing can be separated easily allowing for maintenance and customization • Barrier gate can be fixed to the floor and connected electronically allowing for simple installations

Web Based Access Control and Time attendance Software



Users can **access the centralized system anywhere** by their web browser to remotely manage thousands of standalone terminals and controllers under wide area network (WAN).

Highly Integrated with ZKBioHA —— Continuous Service Guaranteed 24/7

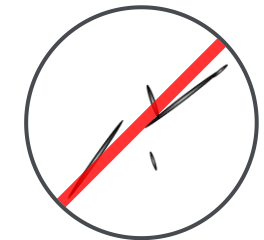
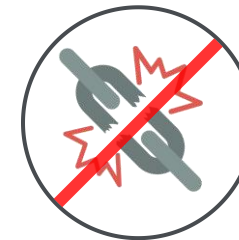
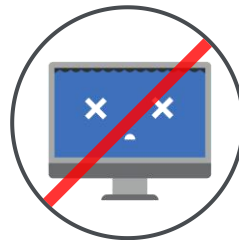


ZKBioHA is a high availability solution for enterprise, it can integrate with ZKBioSecurity platform to provide professional real-time sync of business data and business continuity protection for customer.

The solution supports high availability protection for different app software platforms and mainstream databases, so as to provide data and app protection for customer's kernel business system.

- **Business Continuity**

ZKBioHA provides the professional real-time sync of business data and business continuity protection for the customer, which **solves software/hardware single point of failure** (i.e. system upgrades, computer crash, software bugs, hacking, broken connections and cyber attacks) and **realizes automatic failover** in case of failure to ensure business system continuity.



Highlight 3: Backup

ZKBioSecurity has the ability to **schedule an automatic backup of the database, mapped to a designated drive** at a specific time.

The screenshot shows the 'Basic Management' section of the ZKBioSecurity interface. A table displays backup records for the 'admin' user. The table has columns for Username, Start Time, Database Version, Backup Immediately, Backup Status, and Backup Path. The 'Backup Immediately' column uses red minus signs to indicate backups that are not yet scheduled or completed, while green checkmarks indicate successful or scheduled backups. The 'Backup Path' for all entries is 'C:\SecurityDBBack\'. A green box highlights the 'Backup Immediately' and 'Backup Schedule' buttons above the table.

Username	Start Time	Database Version	Backup Immediately	Backup Status	Backup Path
admin	2019-09-20 18:00:15	3.2.0.0	⊖	✓	C:\SecurityDBBack\
admin	2019-09-27 18:00:02	3.2.0.0	⊖	✓	C:\SecurityDBBack\
admin	2019-10-04 18:00:02	3.2.0.0	⊖	✓	C:\SecurityDBBack\
admin	2019-10-11 18:00:08	3.2.0.0	⊖	✓	C:\SecurityDBBack\
admin	2019-10-18 18:00:09	3.2.0.0	⊖	✓	C:\SecurityDBBack\
admin	2019-10-25 18:00:09	3.2.0.0	⊖	✓	C:\SecurityDBBack\
admin	2019-11-01 18:00:11	3.2.0.0	⊖	✓	C:\SecurityDBBack\
admin	2019-11-04 16:55:54	3.2.0.0	✓	✓	C:\SecurityDBBack\
admin	2019-11-08 18:00:11	3.2.0.0	⊖	✓	C:\SecurityDBBack\
admin	2019-11-15 18:00:11	3.2.0.0	⊖	✓	C:\SecurityDBBack\
admin	2019-11-18 17:41:08	3.2.0.0	✓	✓	C:\SecurityDBBack\
admin	2019-11-18 17:41:32	3.2.0.0	✓	✓	C:\SecurityDBBack\
admin	2019-11-22 18:00:19	3.2.0.0	⊖	✓	C:\SecurityDBBack\

(backup database)

The screenshot shows a 'Restore Database' dialog box. It contains a text input field for the file path, a 'Browse...' button, and a progress indicator showing '0%'. At the bottom, there are 'Restore' and 'Close' buttons.

(restore database)

Highlight 4: Data Cleaning

The data cleaning function is designed to **optimize the ZKBioSecurity System performance** by scheduling a cleanup of outdated data on designated modules or all modules.

Record	Description	Retention Period	Unit	Execution Time
Hotel Management Records*	Retains the recent	3	months of data	01:00:00
Parking Lot Record*	Retains the recent	6	months of data	01:00:00
Attendance Transactions*	Retains the recent	9	months of data	01:00:00
Patrol Transactions*	Retains the recent	12	months of data	01:00:00
Access Transactions*	Retains the recent	15	months of data	06:00:00
Elevator Transactions*	Retains the recent	18	months of data	01:00:00
Visitor Records and Private Data*	Retains the recent	21	months of data	01:00:00
Video Transactions*	Retains the recent	24	months of data	06:00:00
		27	months of data	01:00:00
		30	months of data	01:00:00
		33	months of data	06:00:00
		36	months of data	01:00:00

System	Description	Retention Period	Unit	Execution Time
System Operation Log*	Retains the recent	15	months of data	03:00:00
Device Commands*	Retains the recent	6	months of data	02:00:00
Database Backup File*	Retains the recent	6	months of data	04:00:00

Highlight 5: HTTPS



ZKBioSecurity provides **a high secure communication** over a computer network, HTTPS (HTTP Secure), an adaptation of the Hypertext Transfer Protocol, which is widely used on the Internet, It means **all communications between your browser and the ZKBioSecurity Client are encrypted.**

Highlight 6: Email

After the email server is setup, the system can **send email notications automatically** to designated recipients.

<input type="checkbox"/>	Sender	Receiver	Subject	Submit Time	Send Time	Status
<input type="checkbox"/>	skye.yang@zkteco.com	894136736@qq.com	report	2020-03-08 00:00:03	2020-03-08 00:00:03	Successful
<input type="checkbox"/>	skye.yang@zkteco.com	nancy.xie@zkteco.com	Reset account passw	2020-03-04 11:35:18	2020-03-04 11:35:18	Successful
<input type="checkbox"/>	skye.yang@zkteco.com	nancy.xie@zkteco.com	Reset account passw	2020-03-04 11:30:28	2020-03-04 11:30:28	Successful
<input type="checkbox"/>	skye.yang@zkteco.com	894136736@qq.com	report	2020-02-08 00:00:01	2020-02-08 00:00:01	Successful
<input type="checkbox"/>	skye.yang@zkteco.com	skye.yang@zkteco.com	hour	2020-01-09 11:23:02	2020-01-09 11:23:02	Successful
<input type="checkbox"/>	skye.yang@zkteco.com	skye.yang@zkteco.com	hour	2020-01-08 11:23:01	2020-01-08 11:23:01	Successful

For example, if the door is opened forcefully, notication email will be sent to the administrators; if the employees have abnormal attendance records, email will be sent to the administrators.

Highlight 7: Operation Log

The Operation Log function **monitors and records the operation** on the system modules.

Operation User	Operation Time	Operation IP	Module	Operating Object	Operation Type	Operation Content
admin	2020-04-11 16:02:33	172.31.1.10	System	User	Login	Login
admin	2020-04-11 15:28:03	172.31.1.10	System	User	Login	Login
admin	2020-04-11 14:45:58	172.31.1.10	System	User	Login	Login
admin	2020-04-11 13:49:14	172.31.1.10	Attendance	Device	Get the specified pers	2
admin	2020-04-11 13:39:58	172.31.1.10	Access	Device	Export	Export
admin	2020-04-11 13:38:10	172.31.1.10	System	User	Login	Login
admin	2020-04-11 11:45:26	172.31.1.10	Access	Global Interlock Group	New	12
admin	2020-04-11 11:40:58	172.31.1.10	Access	Reader Define	Edit	MIPANEL-1-Out
admin	2020-04-11 11:39:37	172.31.1.10	Access	Zone	New	大厅
admin	2020-04-11 10:38:00	172.31.1.10	Access	Parameters	Edit	Edit
admin	2020-04-11 10:31:15	172.31.1.10	System	Client Register	New	C5133D

This function enables users to check **who** performed each operation, **when** it was performed, **what** was performed, and **where** it was performed.

In addition, this function can help you analyze the causes of system errors or other types of problems from the record data.

Highlight 8: 3rd Party API (Application programming interface)



The ZKBioSecurity platform can be **integrated with multiple applications of 3rd party software.**

Typically, the functions include data input and system queries.

Highlight 9: DNS

When using ZKBioSecurity on a WAN (Wide Area Network) the terminals and controllers **can be accessed and configured outside the LAN (Local Area Network) by using a DNS** (Domain Name Server).

Using an IP address provided by the local internet provider, the end user is able to connect to the service via the DNS and manage the system.



Highlight 10: Supports Visible Light Recognition

The Visible Light Facial Recognition System is widely suitable for various applications including **offices, warehouses, clinics, manufacturing plants, catering premises and constructions sites** etc.

For staffs that have been tired of long queue, it no longer requires waiting long time and walking in front of conventional passive recognition systems for ngerprint or facial verication.

Instead, with the great convenience and efficiency brought by the Visible Light Facial Recognition System, staffs **only need to walk straight through, and the System actively match faces and data.**



Multibiometrics



Proactive Facial Recognition



New Height of Anti-Spoofing



Wide Pose Angle Acceptance



Speedy Recognition

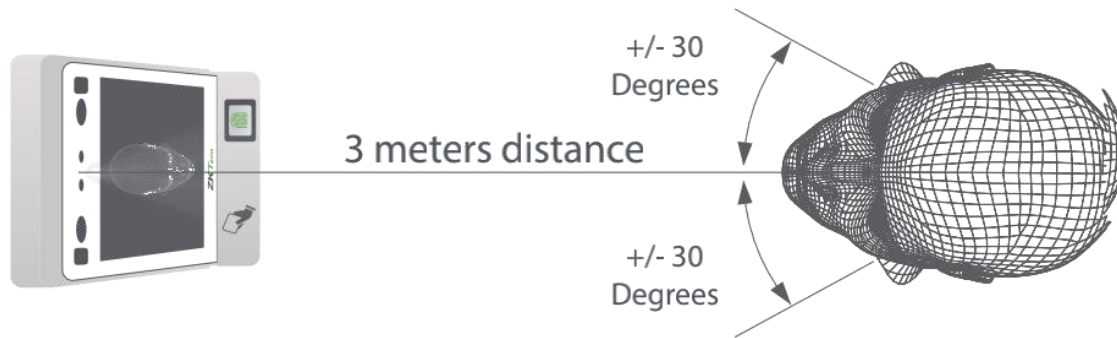


With ZKTeco Visible Light Recognition, users and visitors are now able to quickly finish verification and directly enter the controlled area once the verification is completed.

If the person is not allowed to access the area, or the verification is failed, the lock will remain locked.

Highlight 11: Supports Visible Light Recognition

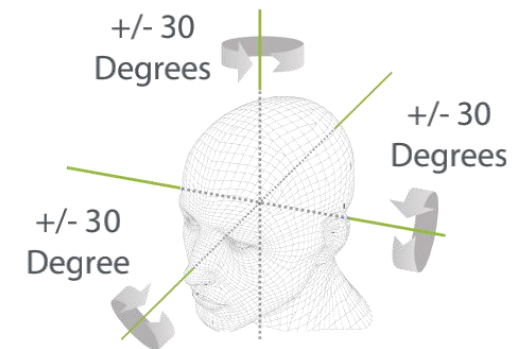
- Recognition distance 3m long



The visible light facial recognition is way **faster than the previous** near Infrared facial recognition, and the recognition distance has been greatly **extended up to 3 meters long**, which significantly improves maximum traffic rate.

- Extra wide angle recognition

While most of algorithms only support 15-degree angle facial recognition, **ZKBioFace supports 30-degree angle facial recognition.**



02

Module Features

Personnel



ZKBioSecurity

Personnel consists of two parts: Department Management and Personnel Management

Department Management

is designed to set the company's organizational chart.

Personnel Management

is for personnel information, departments and sub-departments (excess of 10 levels) and to maintain and manage personnel settings.

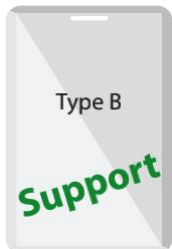
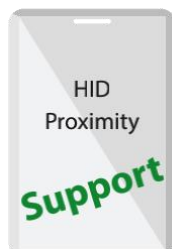


All-in-one Solution (Area/ Department)

ZKBioSecurity has a **user-friendly all in one personnel registration interface**, which can enable administrators to input employee's information and staff enrollment (including fingerprint, PROX cards) and user's photo in one single page.

Supports Various Cards Format

ZKBioSecurity is compatible with these PROX card formats:





Statistics

ZKBioSecurity has an overview function for viewing the number of

- personnel
- fingerprint templates
- facial template
- finger vein template
- card number
- gender

and other statistical information.

The screenshot shows a 'Statistics' window with the following data:

Statistical Type	Current Total
Male	20
Female	15
Personnel Quantity	15753
Fingerprint Quantity	423
Face Quantity	2
Finger Vein Quantity	5
Palm Quantity	1
Number of cards held	12491
Face Picture Quantity	454

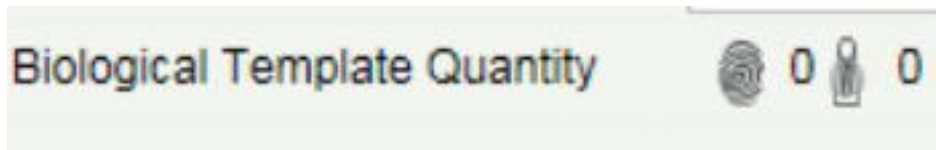
The background shows a list of personnel records with columns for 'Biological Template Quantity', 'Status', and 'Created'. Two rows are highlighted with a green box, showing 'Normal' status and creation dates of 202-0.

This is the sample of the ZKBioSecurity Statistics list, as the graph shown, it can help administrators **easily and clearly observe the company demographic distribution.**



Supports various verification (Fingerprint, Finger Vein, Card...etc.)

ZKBioSecurity supports various kinds of biometric verifications, such as, **fingerprint, finger vein, PROX card**, which submitted data will be recorded by ZKBioSecurity.



Face Recognition

Finger Vein Recognition

FingerPrint Recognition

EM Card Recognition

New

Personnel ID*	<input type="text"/>	Department*	General
First Name	<input type="text"/>	Last Name	<input type="text"/>
Gender	-----	Password	<input type="text"/>
Certificate Type	ID	Certificate Number	<input type="text"/>
Social Security Number	<input type="text"/>	Mobile Phone	<input type="text"/>
Self Login Password	123456	Birthdate	<input type="text"/>
Position	<input type="text"/>	Card Number	<input type="text"/>
Biological Template Quantity	0 0	Hire Date	<input type="text"/>

(Optimal Size 120*140)
Browse Capture

Access Control | Time Attendance | Elevator Control | Plate Register | Personnel Detail

Levels Settings

- Master

Add
Check All
Clear All

Superuser: No

Device Operation Role: Ordinary User

Delay Passage:

Disabled:

Set Valid Time:

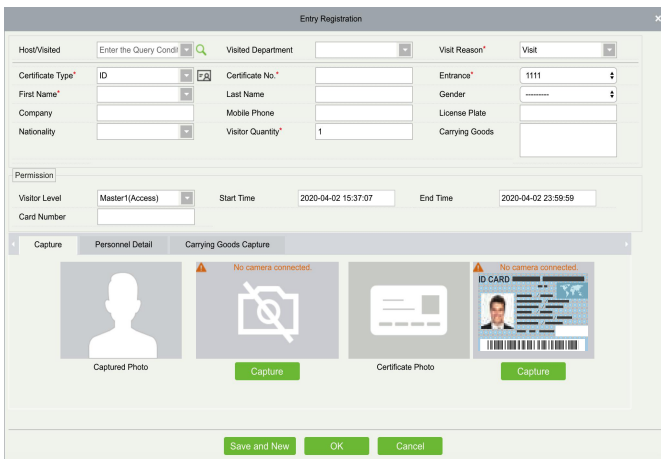
Save and New OK Cancel



Doc Scanner Supports

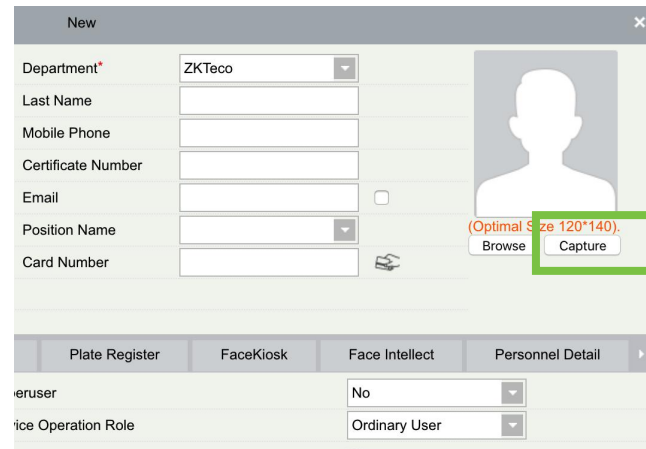
During employee registration, it **supports one-click capture** of users' portrait image saving, and uses OCR function to automatically read identity document (identity card, passport etc.) and all in effective information in order to realize quick registration.

● Passport Photo + OCR Recognition



OCR function automatically reads identity document

● User's Portrait Capturing or Uploaded from the local PC



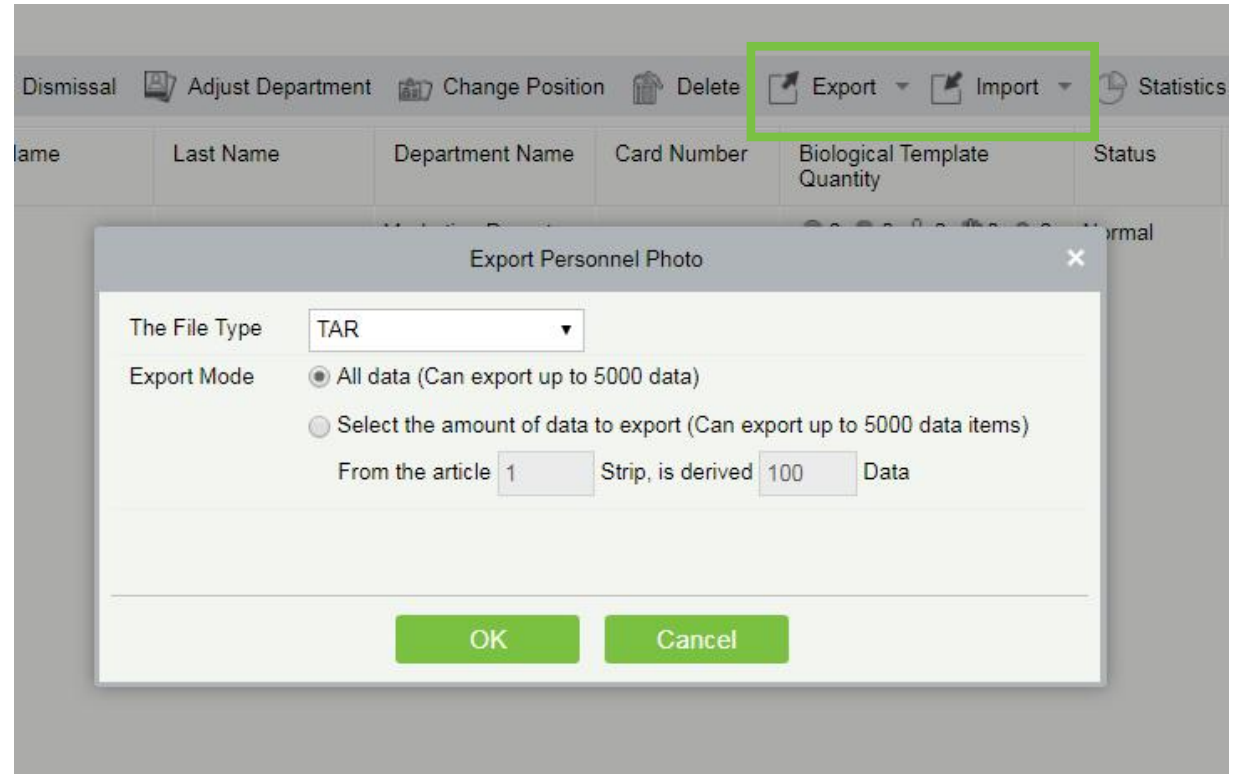
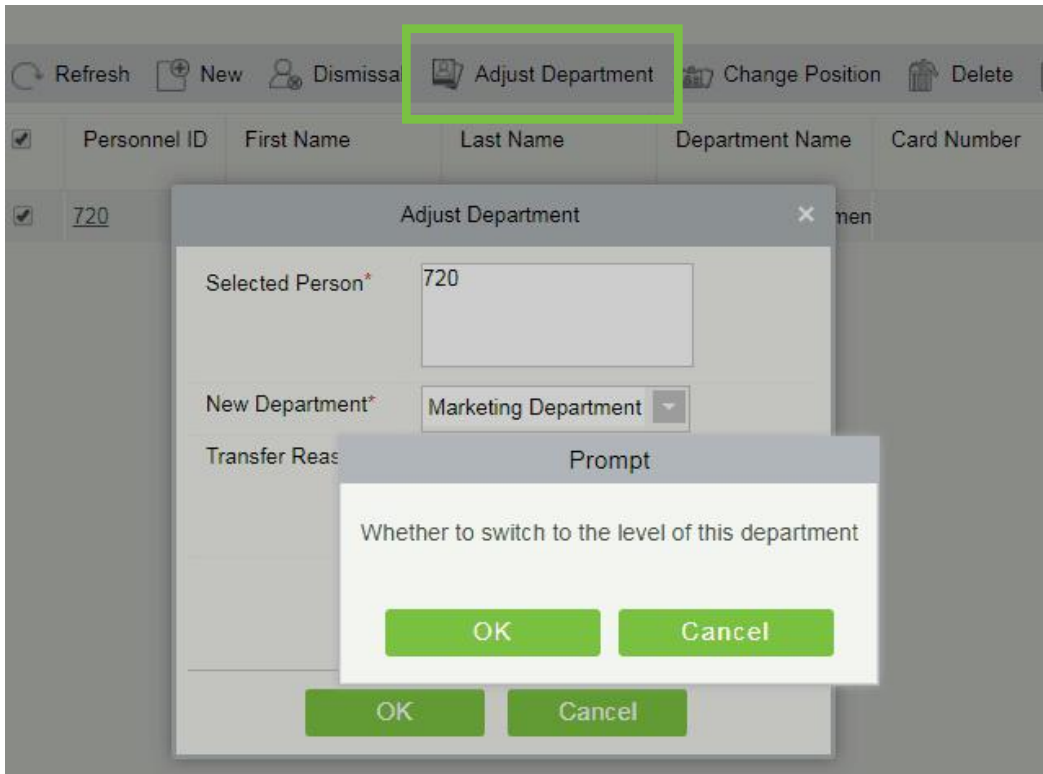
(personnel registration interface)

One-click capture of employees' portrait image



Batch import & export photos

ZKBioSecurity **supports batch export and import photos** to enhance the app management flexibility.





Active Directory with the database field

User can call different fields from the AD Sever to map with the database fields, ZKBioSecurity almost **opens all the field options that are available.**

AD Server Configuration

Server Address* ldap://192.168.213.253:389
 Username* test111@test.com
 Password *****
 Domain Node* ou=pers,dc=test,dc=com

Test Connection

Field Configuration

Database Fields	Fields from AD Server
Personnel ID*	Description
First Name	First Name
Last Name	Last Name
Department Name	Department
Mobile Phone	Mobile phone
Email	E-mail

Reset Configuration

Sync Level from AD Server

Synchronization Access Levels
 Synchronization Access By Person
 Domain Node For Access Level* ou=pers,dc=test,dc=com

Please synchronize level first, otherwise synchronization may fail.

- Description
- Employee ID
- Last Name
- First Name
- Display Name
- Office
- Abbreviation
- Telephone Number
- E-mail
- Web Page
- Telephone Number-other
- Page-Other
- Country/Region
- State/Province
- City
- Street
- P.O. Box
- Zip/Postal Code
- User Logon Name
- User logon Name (Pre-Windows 2000)
- Home Phone
- Pager
- Mobile phone
- Fax
- IP Phone
- Notes
- Home Phone-Other
- Pager-Other
- Mobile phone-Other

User can choose different fields up to user's decision

Field Configuration

Database Fields	Fields from AD Server
Personnel ID*	Description
First Name	First Name
Last Name	Last Name
Department Name	Department
Mobile Phone	Mobile phone
Email	E-mail
Birthdays	Description
Card Number	Employee ID
Password	Description
Office Address	Description
Office Phone	Description

If the pre-set AD fields and Database fields are not enough for the user, ZKBioSecurity **open 5 more extra fields** for users, and user can setup both databasefields and AD sever fields.



There are **more synchronization options available** in the ZKBioSecurity 3200.

User can choose either synchronizing the Access Level from other AD server only or synchronizing the personnel information with Access Level from other AD server.

Sync Data from AD Server

Polling Interval (min)

Sweep Interval Every Day o'clock

Please enter a value between 1 and 28.

- Synchronize the “new added” info from other AD, and user can setup the synchronizing schedule (from 0 to max.59 mins)
- Synchronize all the info from other AD every time and user can setup the schedule (from 1 day to max. 28 days)

Sync Level from AD Server

Synchronization Access Levels

Synchronization Access By Person

Domain Node For Access Level*

⚠ Please synchronize level first, otherwise synchronization may fail.

- It can synchronize the access level from another AD (Active directory)
- It can synchronize personnel with access level from other AD (Active directory)



Support Multi Language & Fingerprint Login

ZK BioSecurity

User Login English

Username

Password ?

Login

ZKBioSecurity can **support up to 10 language packs**. The new language packs include:



English



Spanish



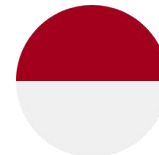
Korean



Traditional Chinese



Russian



Indonesia



Vietnamese



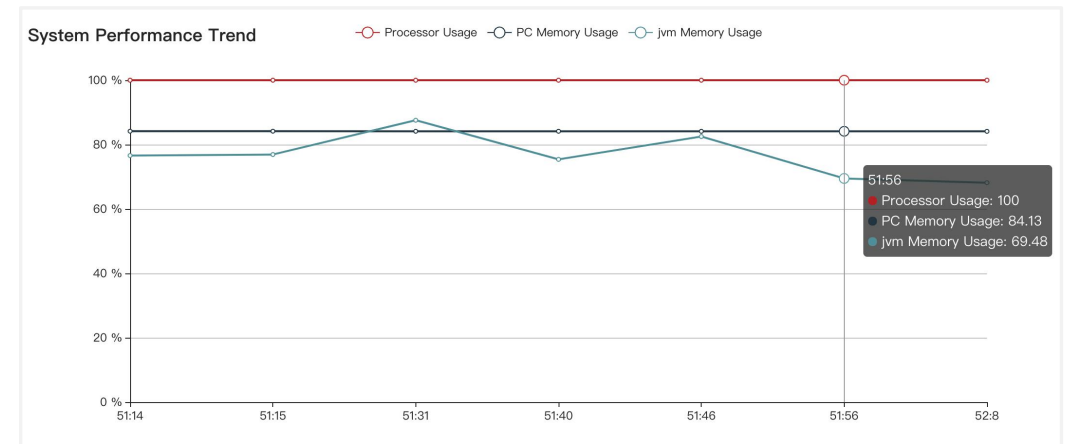
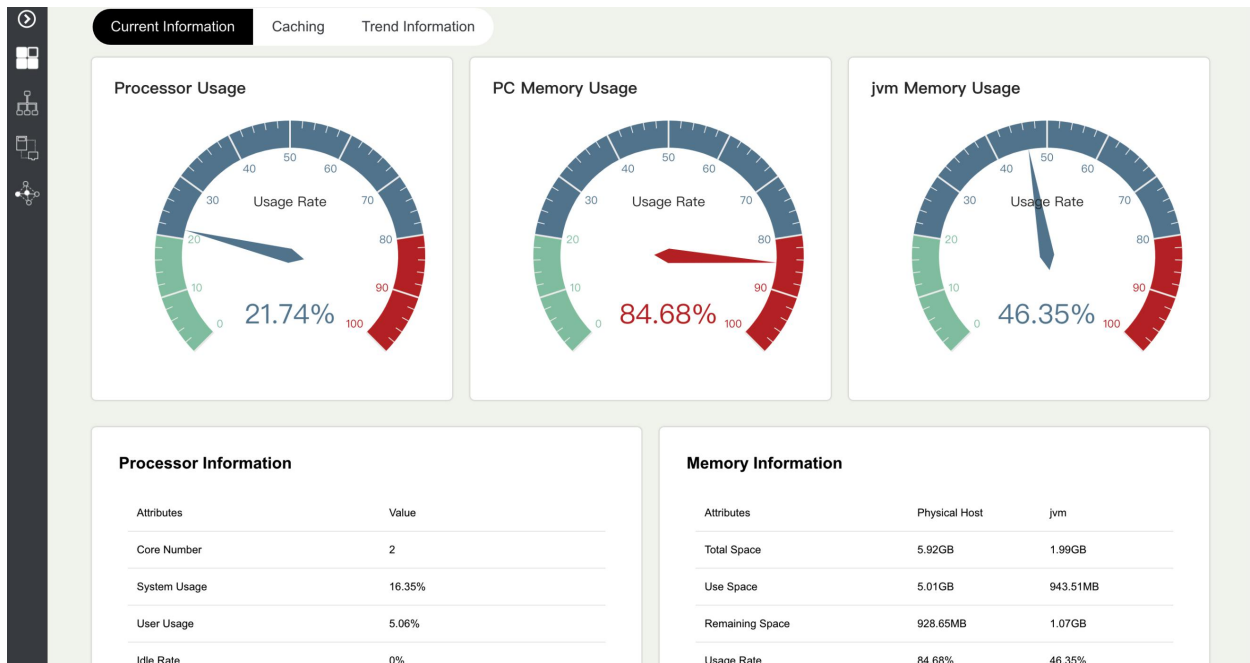
Simplified Chinese

After user registration, admin can **login the system by fingerprint verification**, which improves both convenience of management and security level of workplace.



System Monitoring

The system monitoring function displays these information: **server processor usage, host memory usage, processor information memory information, java virtual machine memory usage** and other information.



keeping quick operation speed of your server and computer !



Supports Mobile App Personnel Photo as Visible Light Facial Recognition Registration



When using BioSecurity Mobile App, when personnel sets a profile picture in the App, that profile picture will be used as the visible light facial recognition template.



Export/ Import Personnel Information

Personal information can be selected or multi-selected to import and export.

User just simply select the field of various information that contains the items you need, the selected contents as this tends to be shown in the table.

Exported file could be either **Excel, PDF and CSV** format.

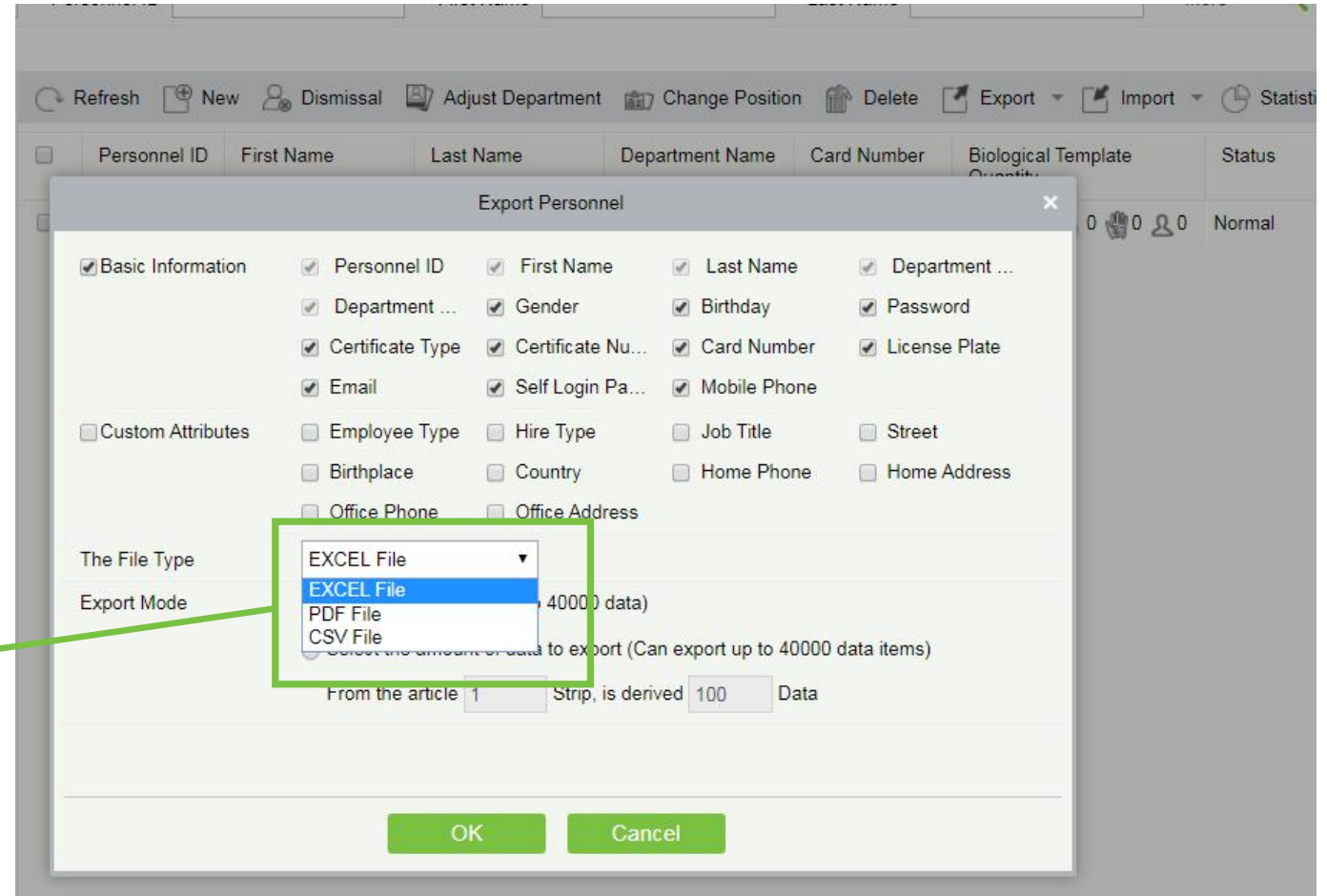




Photo Importing to system

ZKBioSecurity allows admin to import employees' photo **by single or compress package.**

Maximum 3000 JPEG can be uploaded each time, and it would be efficient for users to import a batch of picture into the system.

Department Name Personnel ID Name More

The current query conditions None

Refresh New Dismissal Adjust Department Change Position Delete Export Import

Personnel ID	First Name	Last Name	Department Name	Card Number	Biological Template Quantity
<input type="checkbox"/> 3170001	bess		ZKTeco		1 0 0 0 0 1
<input type="checkbox"/> 258369	POI765		ZKTeco		1 0 0 0 0 1
<input type="checkbox"/> 12345	imran	shah	Pakistan office		0 0 0 0 0 0
<input type="checkbox"/> 147258369	qwerty		ZKTeco		0 0 0 0 0 0

Import Personnel Photo

Import mode Photo Compressed package

OK Close



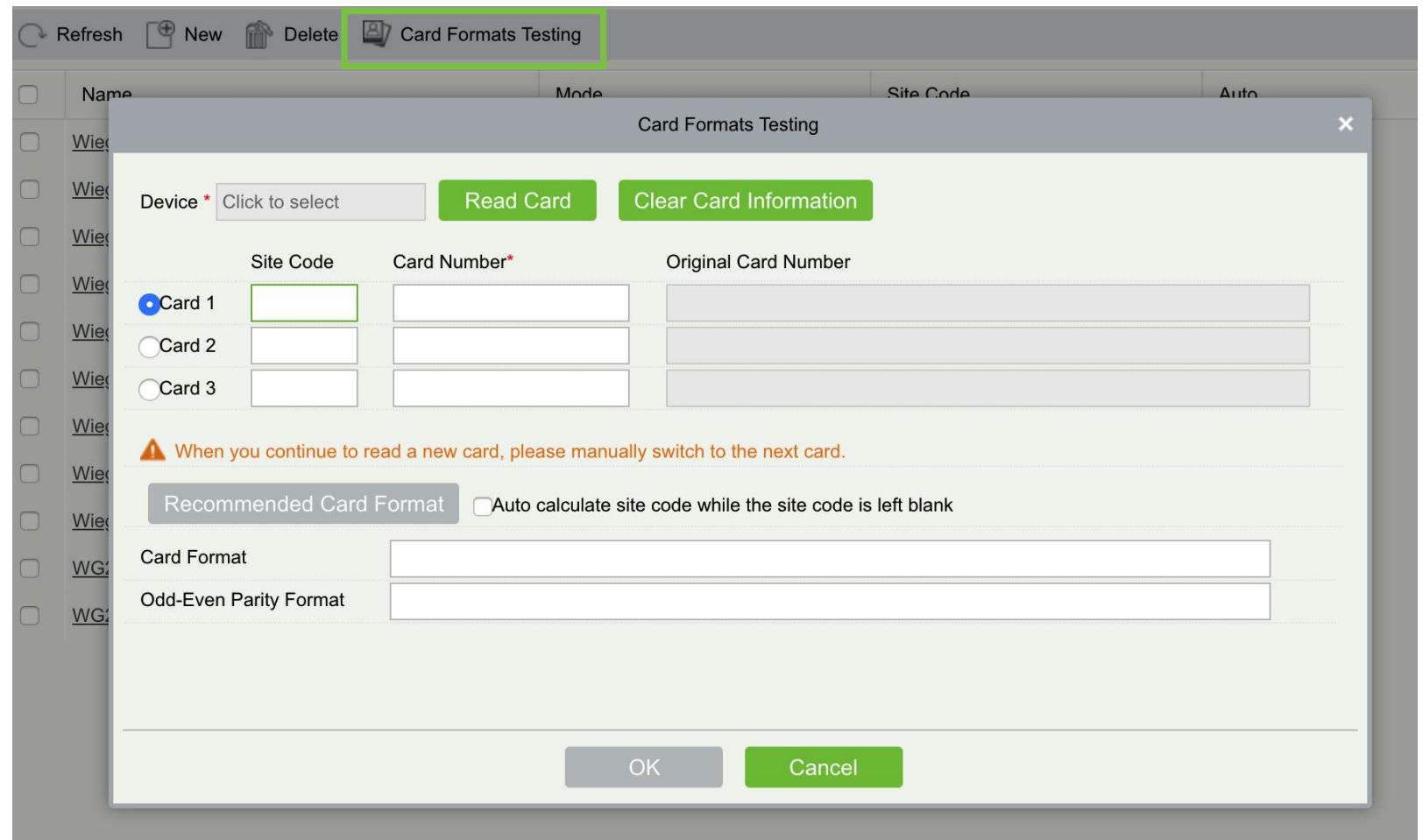
Maximum 3000 JPEG Upload



Card Formats Test

Admin can use the “Card Format Testing” function to have a **simple and quick check of the door card.**

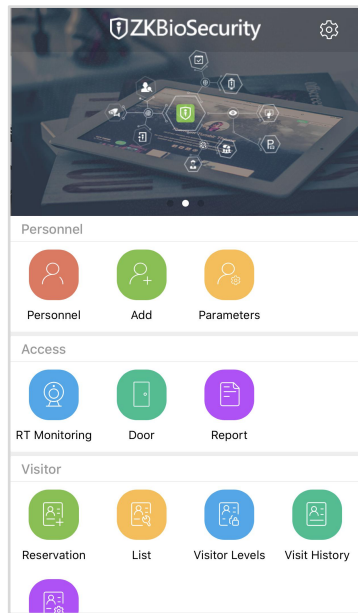
When the card number does not match the one displayed on the system, user can use the function to calibrate the Wiegand format.



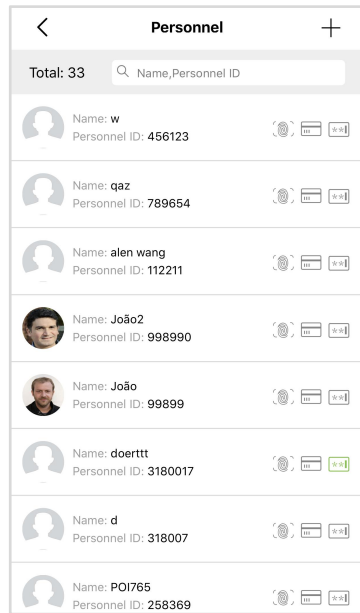


Report & Supports iOS and Android App

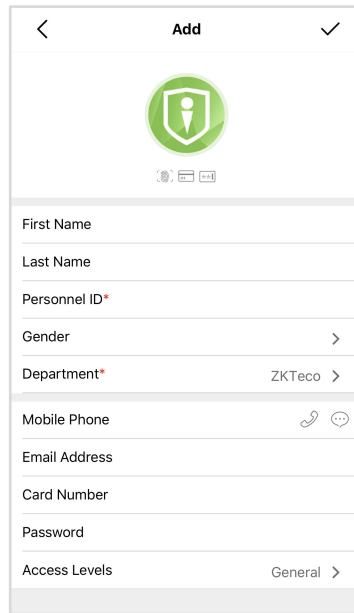
Personnel Module supports to **generate the summary report for administrator**, including Daily Attendance, Leave Summary, Daily Report, Monthly Detail, Monthly Statistics, Departmental Report, Annual Report, Automatic Report.



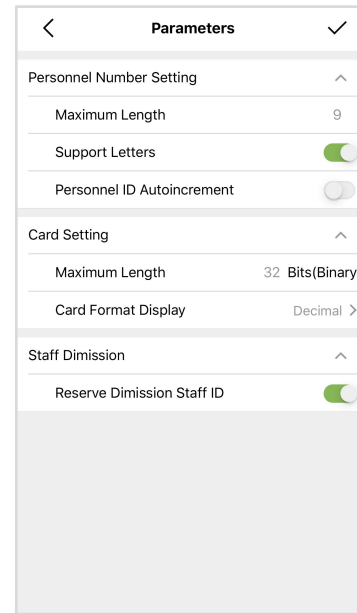
Menu



Personnel



Personnel Data modification



Setting

Offers **Personnel Editing / Enrollment** functions.

Access control floor distribution Function enables users to real-time add, delete or check information of particular staffs in mobile app.

Users may download ZKBioSecurity App via App Store on iOS or Google Play Store on Android





Access Control



ZKBioSecurity

Access Control is web-based management system which **enables advanced access control functions**, management of networked access control panel via computer, and unified personnel access management. The access control system **sets door opening time and levels for registered users**.



Global Linkage

One of the highlighted functions of the ZKBioSecurity is the Global Linkage.

It is able to **automate system cross platform interactive functions and notications system.**

There are multiple tiers to the alert process including relay inputs and outputs, video recording and photo capture (ONVIF), active time, email notification and linkage voice prompts.



Output point

With Global I/O, Output point allows administrators to configure linkages where various events can be linked to any other input/ output/ events in the system.



Video Linkage

Photo capture, video recording and Pop-up video to warn administrators, when exceptional events take place .Moreover, the video could include footage before the events occur. The length could be up to 180 seconds.



Active Time

Administrator can set an active time for the linkage by pre-dened time zones or date range.



Email Notication

Email notication allows the system automatically send out email to notice administrators once specic events occurs.



Linkage Voice Prompts

Voice linkage will announce a series of warning messages which are accompanied by siren sounds. These linkage announcements will be triggered by particular actions.



Global Anti-Passback

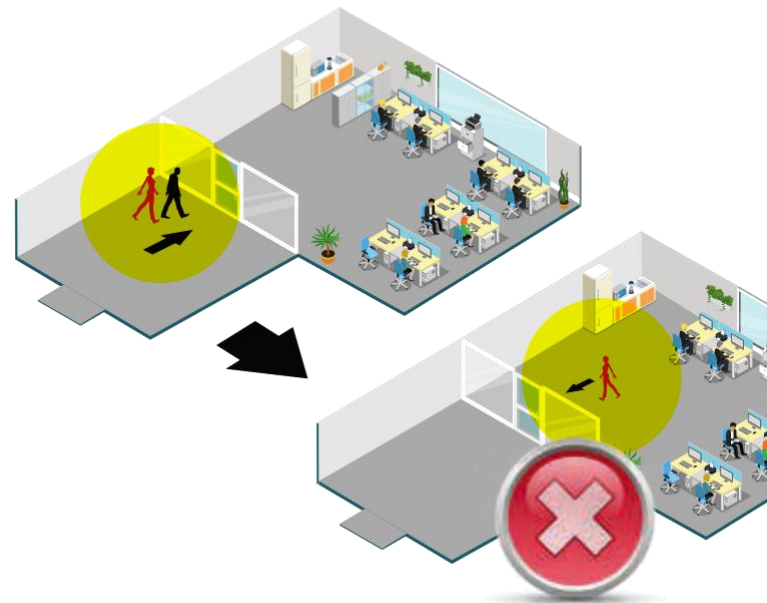
Anti-Passback is designed to **prevent authorized and/or unauthorized personnel from entering and exiting an area without presenting proper credentials** (i.e. tailgating).

This security function eliminates users from sharing an access card or password and having several users accessing with the same credentials.

As the pictures shows:

When a person enters a controlled area without authentication, as the red-coloured person in the image, that person will be detained in the area, even if he/she has the access rights to the area.

Administrative personnel will have to override the system to allow the unauthorized person to exit then enter the area in the future.



New [X]

Rule Name*	<input type="text"/>
Zone*	<input type="text"/>
The following doors control access in and out of the zone	<input type="text"/>
Anti-Passback Type*	Logical Anti-Passback
Lockout Duration	<input type="text"/> minute(1-500)
Reset Anti-Passback Status	<input type="checkbox"/>
Anti-Passback Time Reset	<input type="text"/> o'clock
Apply to	<ul style="list-style-type: none">✓ All PersonnelJust Selected PersonnelExclude Selected Personnel

Save and New OK Cancel



Global Interlock

This advanced security function elevates the security level by interacting with different security areas. Interlock is designed to **prevent personnel or visitors from opening more than one door at a time**, even if the persons have the multiple door access authorities.



Card Readers Activated
Fingerprint Activated



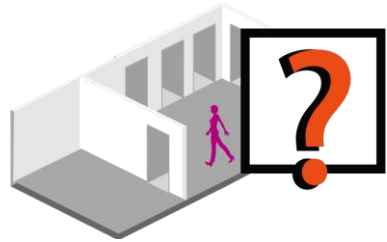
Card Readers Deactivated
Fingerprint Deactivated

This function precisely appoints access authorization including activations of access authorization of specific doors when the correlated doors are locked properly.

Most commonly used in man-traps.



Who is Inside



By using the "Who is inside" function, administrators can **verify how many people remain in a specific area/room**, with detailed personal information and access time.

Refresh Add Personnel Delete Personnel Export

	<input type="checkbox"/>	Personnel ID	First Name	Last Name	Department	Card Number	Last Access Time	Last Access Reader
All								
z(0)								
inside(50)		63000	63000		General		2019-11-08 15:17:09	0.0.0.0-1-In
zone3(51)		63005	63005		General		2019-11-08 15:17:09	0.0.0.0-1-In
123456(0)		63006	63006		General		2019-11-08 15:17:09	0.0.0.0-1-In
大厅(0)		63007	63007		General		2019-11-08 15:17:09	0.0.0.0-1-In
		63008	63008		General		2019-11-08 15:17:09	0.0.0.0-1-In

63000 is inside the zone3

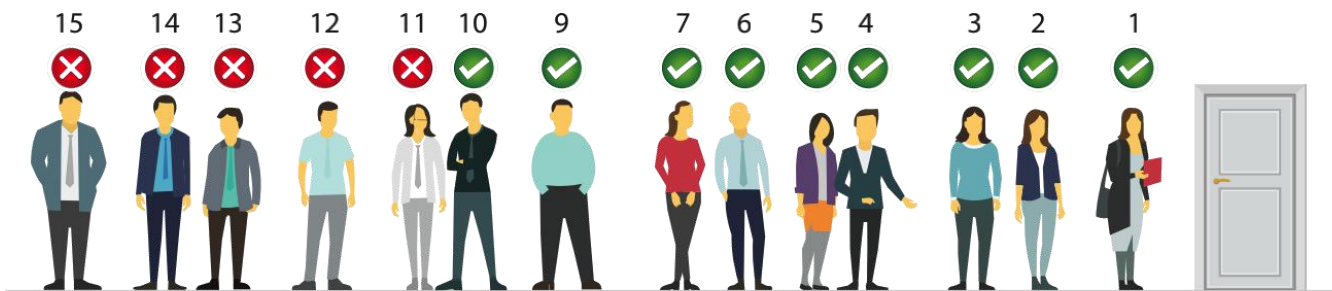
This function is typically used **in a disaster situation where mustering is required.**



Access Limitation

Allows administration the ability to limit the number of people in a limited space.

Maximum reserved for 10 people
Access Control only allows 10 people to access



Example:

If a room is reserved for 10 people, the system can be programmed to accept only 10 authorized credentials, when one person leaves another person can enter. Constantly keeping the number of occupants at 10.



E-Map

E-Map enables administrators to **have a clear and accurate view of all event points.**

The screenshot displays the E-Map software interface. At the top, there is a toolbar with icons for Refresh, New, Edit, Delete, Save Positions, Add Door, Add Camera, Zoom In, Zoom Out, and Full Screen. Below the toolbar is a 'Map Index' sidebar with a tree view showing 'Area Name' and sub-items 'map 2', 'Map 3', 'Map 4', and 'map 1'. The main area shows a detailed floor plan with several green door icons highlighted by yellow circles, indicating event points. Below the map is a 'Real-Time Events' table with the following columns: Time, Area, Device, Event Point, Event Description, Card Number, Person, Reader Name, and Verification Mode.

Time	Area	Device	Event Point	Event Description	Card Number	Person	Reader Name	Verification Mode
------	------	--------	-------------	-------------------	-------------	--------	-------------	-------------------



With its cutting edge multi-level E-map structure, administrators can simultaneously monitor multi-levels / areas events.



Access Control Time Zone (Card/ Fingerprint/Face)

Allows administration to **set specific time zones during the day that specific credentials are valid.**

Example:

During the normal business hours the records room can be access with a PROX card, however after 5:00 a person would be required to use the PROX card as well as fingerprint and/or facial recognition and/or password.

Multi-authentication during specific time zones.

Rule Name*

Time Zones*

Date	Time	Interval 1				Interval 2			
		Start Time	End Time	Door Verification	Personnel Verification	Start Time	End Time	Door Verification	Personnel Verification
Monday		00 : 00	00 : 00	✓ -----		00	00 : 00	-----	---
Tuesday		00 : 00	00 : 00			00	00 : 00	-----	---
Wednesday		00 : 00	00 : 00			00	00 : 00	-----	---
Thursday		00 : 00	00 : 00			00	00 : 00	-----	---
Friday		00 : 00	00 : 00			00	00 : 00	-----	---
Saturday		00 : 00	00 : 00			00	00 : 00	-----	---
Sunday		00 : 00	00 : 00			00	00 : 00	-----	---
Holiday Type 1		00 : 00	00 : 00			00	00 : 00	-----	---
Holiday Type 2		00 : 00	00 : 00			00	00 : 00	-----	---
Holiday Type 3		00 : 00	00 : 00			00	00 : 00	-----	---

Copy Monday's Setting to Others Weekdays:

⚠ RS485 reader can only follow the door verification mode

- Automatic Identification
- Only Fingerprint
- Only Pin
- Only Password
- Only Card
- Fingerprint or Password
- Card or Fingerprint
- Card or Password
- Pin and Fingerprint
- Fingerprint and Password
- Card and Fingerprint
- Card and Password
- Card and Password and Fingerprint
- Pin and Password and Fingerprint
- Pin and Fingerprint or Card and Fingerprint
- Face
- Face And Fingerprint
- Face And Password
- Face And Card
- Face And Fingerprint And Card
- Face And Fingerprint And Password

Save and New OK Cancel

Advanced Functions



Auxiliary Input and Output

● Auxiliary Input:

Used to connect to devices, such as, the infrared sensor or smoke sensor, exit button, contact sensor, door contact and intrusion alarm.

● Auxiliary Output:

Mainly connected to alarm, it is used when linkage is working, such as, burglar alarm, alarm, LED light, buzzer.

Name	Device Name	Number	Printed Name
<u>Auxiliary Input-1</u>	MIPANEL	1	IN1
<u>Auxiliary Input-2</u>	MIPANEL	2	IN2
<u>Auxiliary Input-1</u>	192.168.213.248	1	IN1
<u>Auxiliary Input-1</u>	192.168.212.48	1	IN1
<u>Auxiliary Input-1</u>	192.168.5.231	1	IN1
<u>Auxiliary Input-1</u>	192.168.212.209	1	IN1
<u>Auxiliary Input-1</u>	iiii	1	IN1

Name	Device Name	Number	Printed Name
<u>Auxiliary Output-1</u>	MIPANEL	1	OUT1
<u>Auxiliary Output-2</u>	MIPANEL	2	OUT2



Flexible and editable text function for LED / LCD Display Panel



ZKBioSecurity provides a programmable LED / LCD display function to show real time and editable "who is inside" personnel information. It allows for users to **generate reports showing where card holders are within a facility.**



LED Display



LCD Display

As a card holder swipes, he/she will be granted access to the area, and his/her name and location will be simultaneously shown on the connected LED/LCD display.



Real Time Monitoring

ZKBioSecurity enables users to monitor the entire system real time, by **showing all the detailed status**, including any abnormal situation at a door with support of video linkage and photo capture pop-up when an abnormal security event occurs.

Area Status Device Name Serial Nu

Door Auxiliary Input Auxiliary Output Elevator

All Doors: Remote Opening Remote Closing Cancel Alarm Activate Lockdown Deactivate Lo

MIPANEL-1	MIPANEL-2	192.168.212 .238-1	192.168.5.2 40-1	192.168.212 .48-1	192.168.5.2 31-1	192.168.212 .209-1	iiii-1

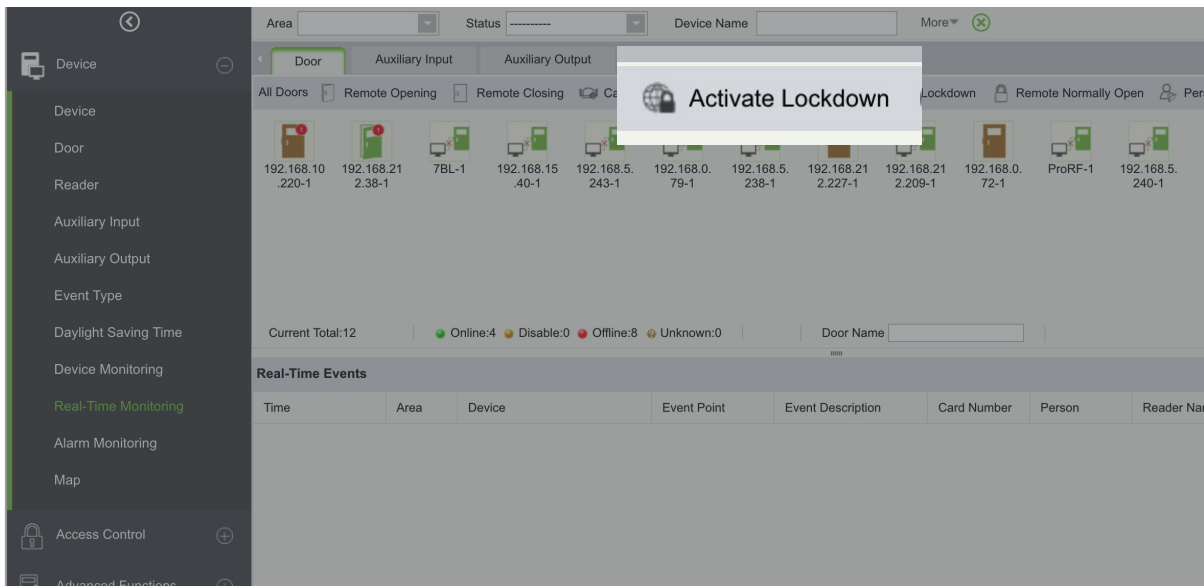
	Online status Door closed, Relay closed/Without relay status		Online status Door closed, Relay opened/Without relay status
	Online status Door opened, Relay closed/Without relay status		Online status Door opened, Relay opened/Without relay status
	Door opened alarming, Relay closed		Door opened alarming, Relay opened

	Door opening timeout, Relay opened/Without relay status
	Door opening timeout, Relay opened/Door Sensor Closed
	Door closed alarming, Relay opened/Without relay status
	Door sensor unset, Door alarming, Relay opened
	Door locking
	Door Offline
	Door sensor unset, Relay opened/Without relay status

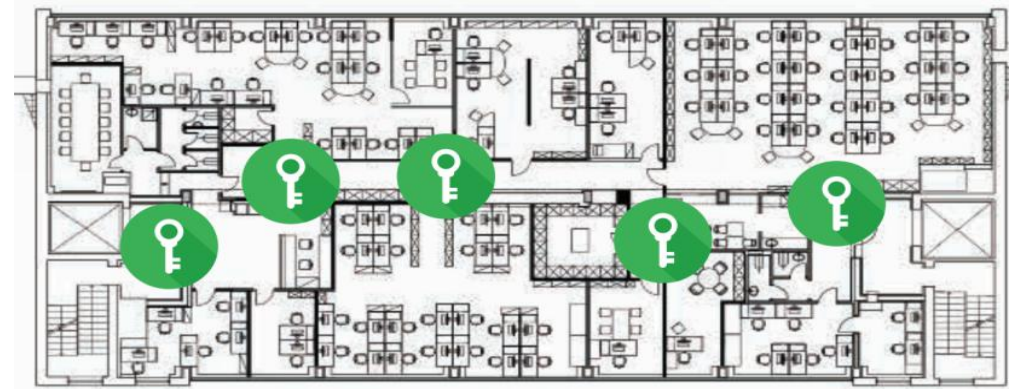


Remote Lock-Down

Administrators can **remotely open/close and/or lock down all or selective doors** on the system. When in "Lock-Down" all access is overridden until lock down is deactivated.



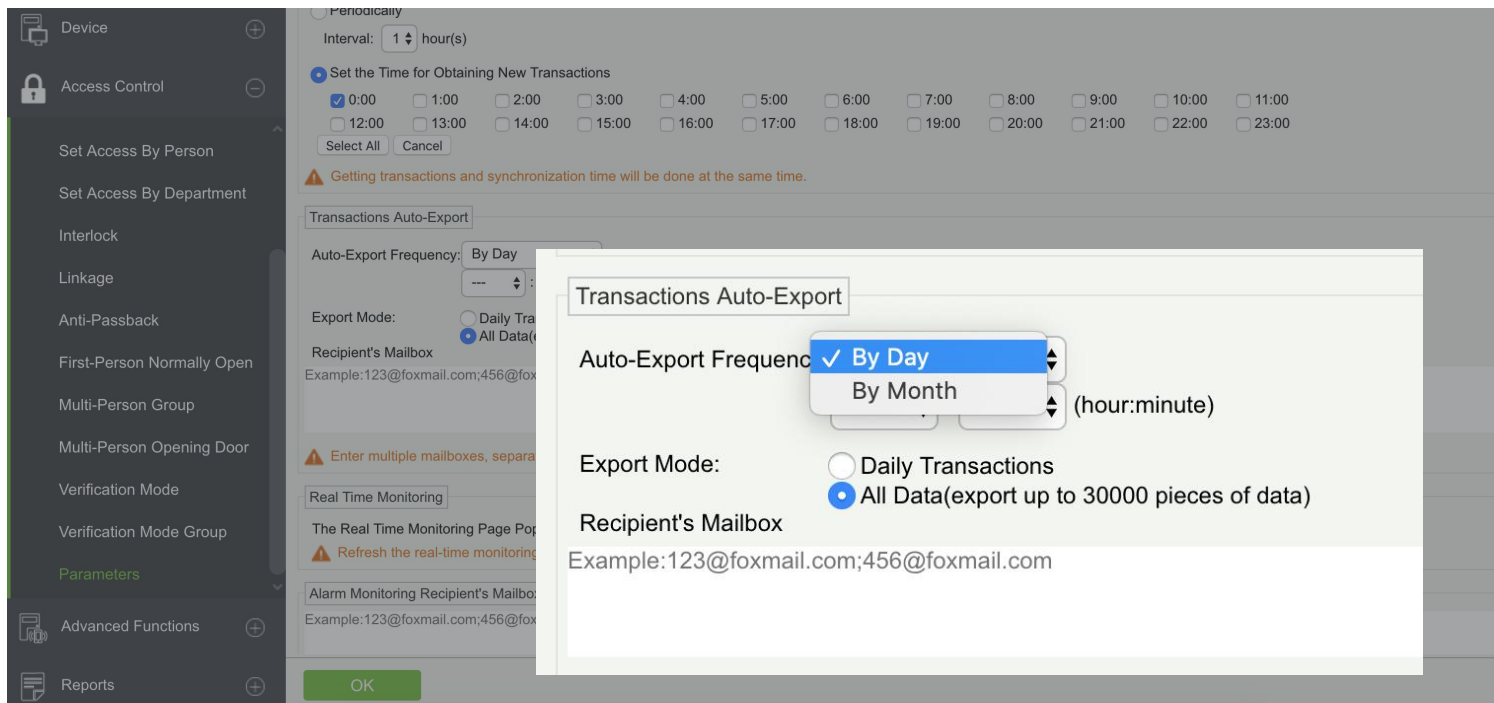
When the "Active Lockdown" command is activated, all doors will be locked at the same time.





Transaction Auto-Export

The auto export function now provide option to user to export your report and data by day or by month, thus the system of ZKBioSecurity will **send out the daily and monthly report automatically.**



By Day

Auto-Export Frequency: By Day (hour:minute)
09 : 00

A daily report the admin will auto receive a daily report via email.

By Month

Auto-Export Frequency: By Month (1-28)
 First day of the month
 Specific Date: ---

User can choose either first day of the month or specific date to receive the monthly report.



Custom Rule for Various Department

User can based on their need to **develop their own “Group” or “Department” rules** in the software of ZKBioSecurity.

New

Name*

Rule type*

Group

Check-In Rule

Check-Out Rule

Late and Early Leave Counted as Absent

Attendance calculation result for cross-day shift

Intelligent Matching Shift Rule

Overtime Statistics

Single shortest overtime (minutes)

Maximum overtime (minutes)



For example:

Sales people shouldn't be in office anyway, they always leave office earlier as sales person always work outside to meet with their clients. Admin can therefore made a custom rule to sales department for ignoring them the time checking of "late and early leave".



Limit Entry by Time Zone

ZKBioSecurity is extremely flexible, allowing the administrator to **schedule holidays, half-time days and special applications.**



Monday - Friday



Saturday - Sunday



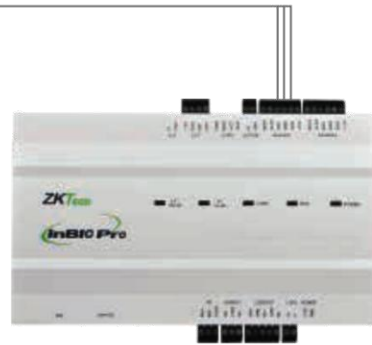
Supports Green Label Standalone Terminal Reader

ZKTeco Green Label controllers can also **support all ZKTeco Green Label Stand Alone readers.** ZKBioSecurity software can manage settings such as personnel info, access levels and much more.



ProBio
Multi-Biometric Access
Control Terminal

Wiegand



P.9
InBio Pro
Access Control Panel



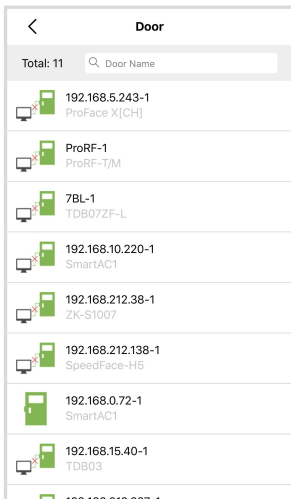
New	
Device Name*	ProBio
Communication Type*	<input checked="" type="radio"/> TCP/IP <input type="radio"/> RS485
IP Address*	192 . 168 . 152 . 40
Communication port*	4370
Communication Password	
Icon Type*	Door
Control Panel Type	One-Door Access Cont
Area*	ZKTeco
Add to Level	*****
Clear Data in the Device when Adding	<input type="checkbox"/>
<p>⚠ [Clear Data in the Device when Adding] will delete data in the device (except event record), please use with caution!</p>	
<p>Save and New OK Cancel</p>	



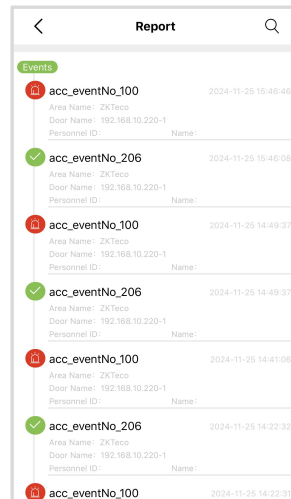
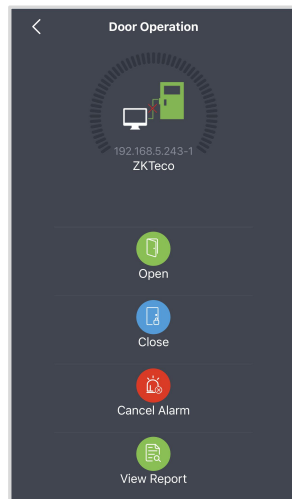
Report

The ZKBioSecurity Access Module **generates several reports** including daily attendance, leave summary, monthly detail, monthly statistical, department reports, annual reports and scheduled automatic reports.

Supports iOS and Android App



Door Operation



Report(Acess)

Others real-time access control records, users are able to **check particular door access control records** simply by logging in on mobile phones, and may **check alarm records** in alarm page and may perform positioning of alarm locations for the convenience to track accidents.

ZKBioSecurity also supports **remote door opening and closing**, users may perform remote door control with a few simple clicks on their phones.



Time & Attendance



As an “All in One” security platform, the ZKBioSecurity contains a web-based Time & Attendance module.



Administrators can **manage the T & A module from anywhere** they have access to the Internet. Moreover, this powerful T & A system can **handle most of the complicated circumstance**: flexible shifts, multi-level OT, cross day shift and online leave application with multi-level approval.



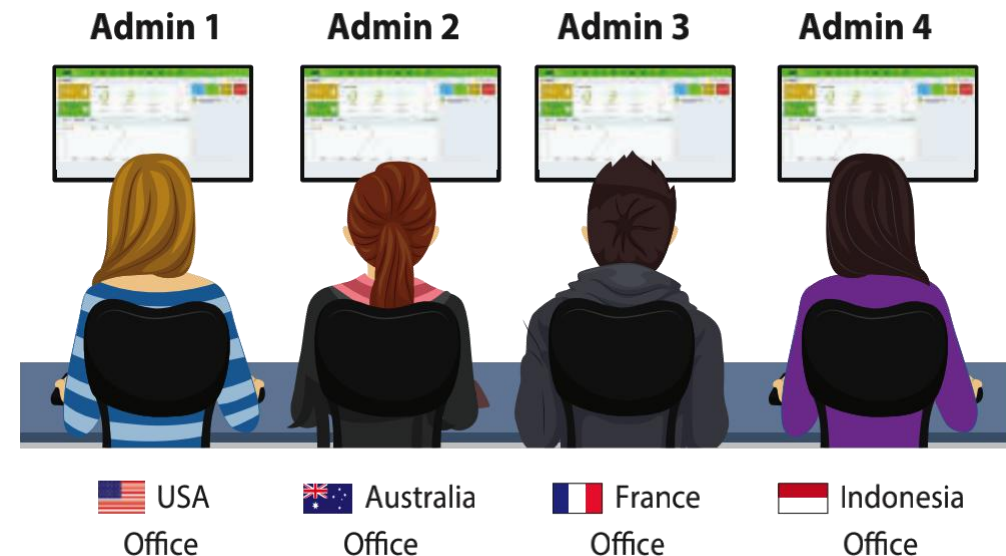
Flexible Group Scheduling

ZKBioSecurity provides **flexible group scheduling** in the Time & Attendance module, providing users to group their employees, the entire company and individual departments with the same attendance rules.

Users have the ability to set attendance parameters like check-in, check-out and overtime rules.

Multi-Location

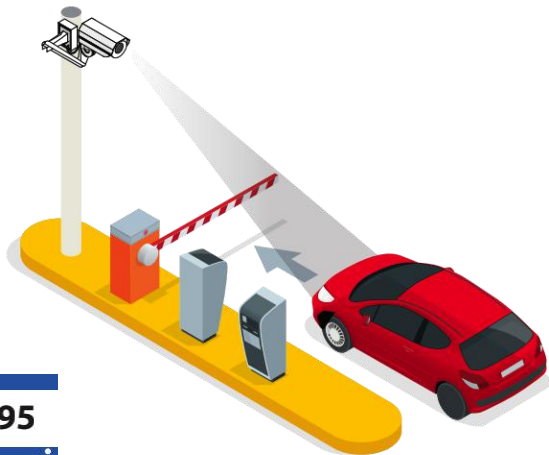
Users can **access the centralized system anywhere** by their web browser to remotely manage thousands of standalone terminals and controllers under wide area network (WAN)





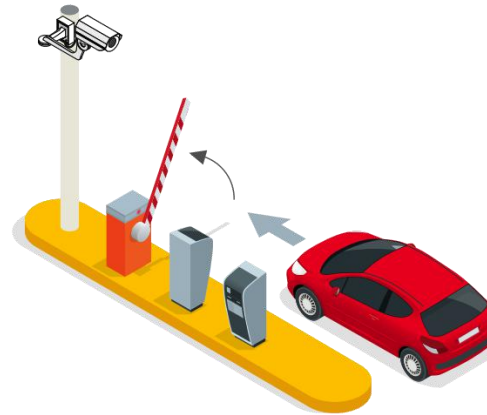
Access Control and LPR Attendance Tracking

Unlike most Time & Attendance systems on the market, ZKBioSecurity can **link with** the access control terminal and **panel linked to** the LPR (License Plate Reader) Terminal and **retrieve records** for time & attendance calculations.

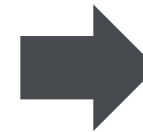


DFG-7895

LPR Camera scan the number on the license plate when vehicle is approaching its reading range



Parking barrier is lifted once the verification is confirmed



Attendance Recorded



Employee Self Log-In

Employee Self-Log-in is a cutting-edge function for employees to **enter the server to perform job-related functions anywhere and anytime.**

An employee can up-date personal information, leave an application, submit and exception, including OT, manual punch-in, shift adjustment, etc., and request a self-report inquiry.

Merge with the 3rd Party HR Management

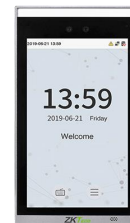
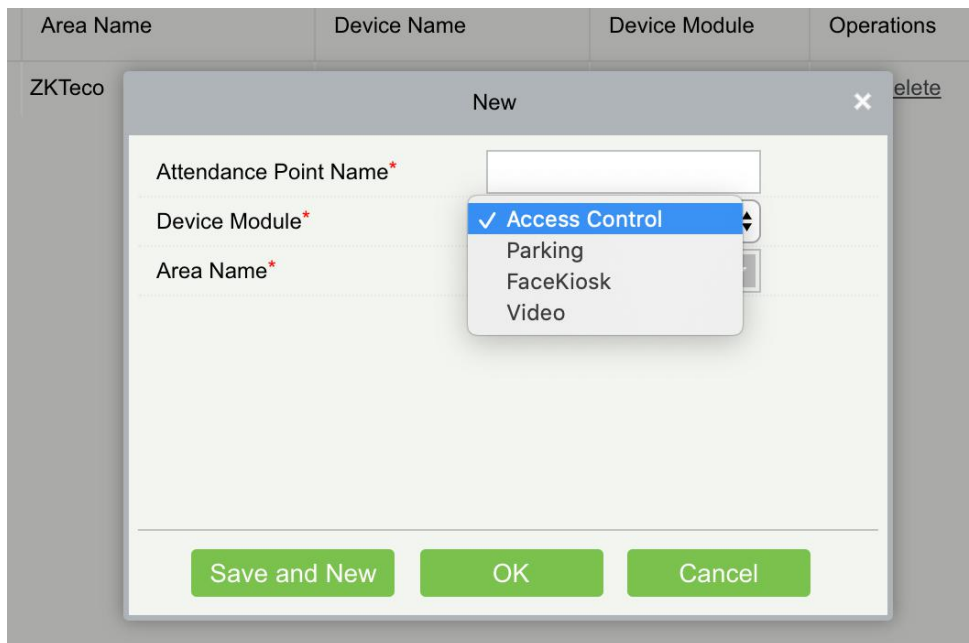
In order to extend the ZKBioSecurity functionality, ERP and HR integration is possible by **generating automatic data with custom attributes**, such as, staff name, department, area, staff ID, etc.





Face Recognition record as Attendance data

ZKBioSecurity **supports multiple devices to be the time attendance point**, such as **Access Control Terminal, Parking (LPR), FaceKiosk and Smart Camera**, the original attendance transaction record and report could be exported and used for multiple used afterward.



Access Control



FaceKiosk



Parking



Video



Flexible Shift Scheduling

There are different T&A shift requirements in different industries, some of them are subject to chaos situation, such as, **retail, F&B and patrol guard.**

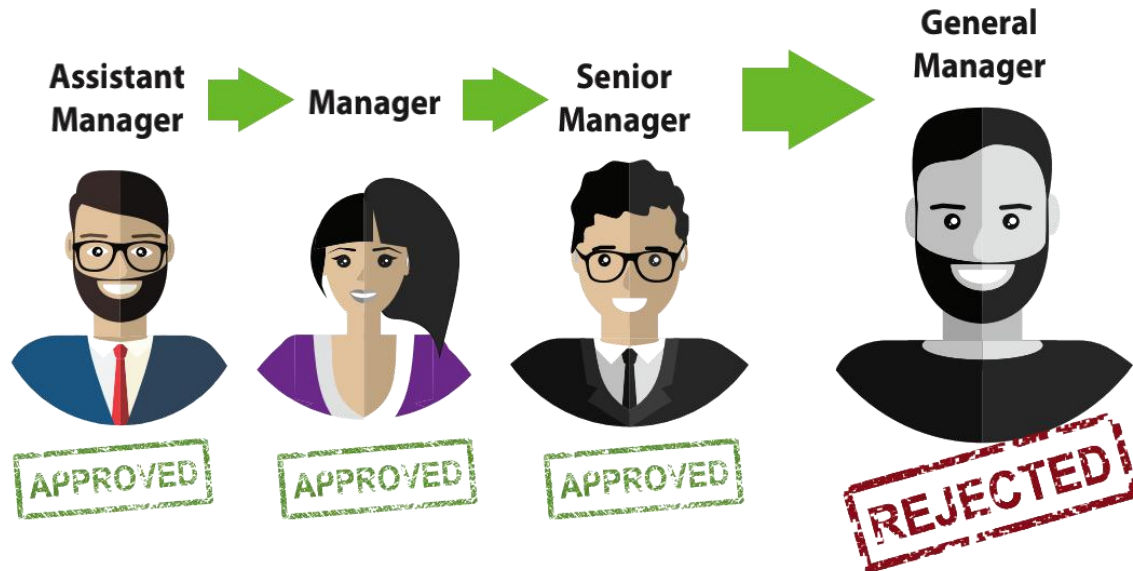
A shift management with flexibility is essential for their operation management.

The screenshot displays the 'New' dialog box in the ZKTeco software. The 'Adjust Type' dropdown menu is open, showing four options: 'Two people exchange', 'Adjust the personal shift in the same day', 'Adjust the personal shift in other days', and 'Two people exchange'. The 'Two people exchange' option is currently selected and highlighted. The dialog box also includes input fields for 'Personnel ID*', 'First Name', 'Department Name', 'Adjust Date*' (with the value '2020-04-02'), and 'Remark'. At the bottom of the dialog, there are three buttons: 'Save and New', 'OK', and 'Cancel'. The background shows a table with columns for 'Personnel ID', 'First Name', 'Last Name', 'Department Number', 'Department Name', 'Adjust Type', 'Adjust Date', and 'Adjust Personnel Nam'.



Multi-Level Approvals and Automatic E-mail Alerts

Email notifications for the attendance exceptions and multi-level approvals.



Leave or manual punches can be applied through ZKBioSecurity, which can be approved by multi-level approvers who are set by hierarchical level.



E-mail notifications are sent to employees for attendance alerts in case of late, early leave, and absence.



Set Attendance by Area & Set Attendance by Person

Personnel Area Setting function is divided into “Area” and “Person”

- **Area:** Based on the area name to show all of the employee and staff's attendance information within the division.
- **Person:** Based on the employees and staff ID to display the attendance record.

The screenshot shows two side-by-side panels. The left panel, titled 'Personnel', displays a table with columns: Personnel ID, First Name, Last Name, Department Name, and Operations. The right panel, titled 'Personnel: gg', displays a table with columns: Area Number, Area Name, and Parent Area Number.

Personnel ID	First Name	Last Name	Department Name	Operations
1	gg		ZKTeco	Add area
12	codie		ZKTeco	Add area
22	22		ZKTeco	Add area
11	chen		ZKTeco	Add area
1234	Andre	Silva	ZKTeco	Add area
1596	cad		ZKTeco	Add area
1221	Carlo	Demicheli	ZKTeco	Add area
111111	小明	张	ZKTeco	Add area
330	gg		ZKTeco	Add area
3180017	dorit	hong	ZKTeco	Add area

Area Number	Area Name	Parent Area Number
-------------	-----------	--------------------

Report

Attendance Module supports to generate reports for administrators, such as, Daily Report, Leave Summary, Monthly Detail, Monthly Statistical, Department Report, etc.

To maximize the working efficiency, the ZKBioSecurity supports **the automatic report generating with custom formats & fields.**



ZKBioSecurity consumption is a desktop-based restaurant management software module designed to offer restaurants all necessary and useful tools to **speed up service and increase efficiency of operation.**

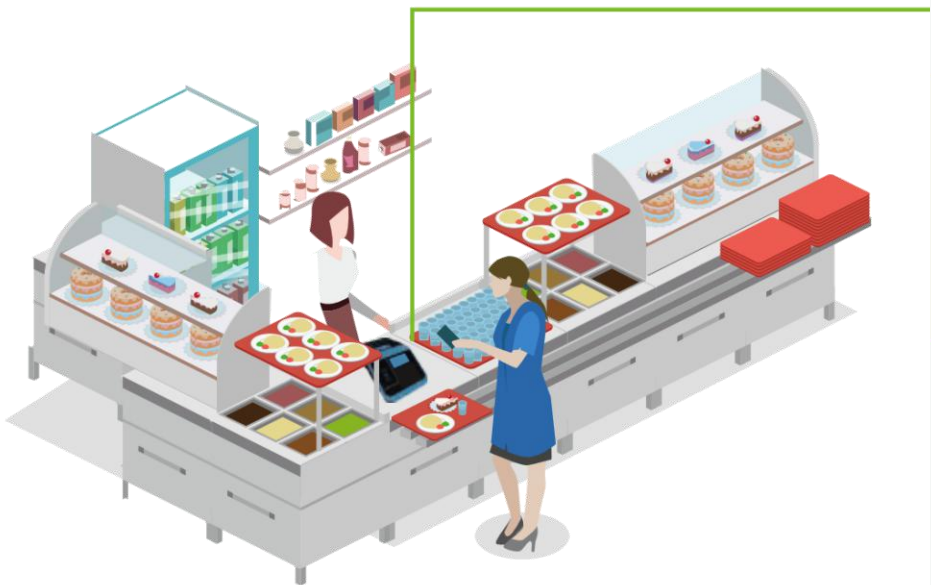


The customizable options offered in the system is **ideal for any restaurant type** including fine dining restaurants, bistros, fast food chains, cafes, etc. ZKBioSecurity consumption module **helps staffs to complete their tasks efficiently** in line with their operational style and business.



Diversification of equipment use and consumption mode

Users may **switch the device usage to consumer machine, cash register or subsidy machine any time** to meet the multi-scenario consumption demand.



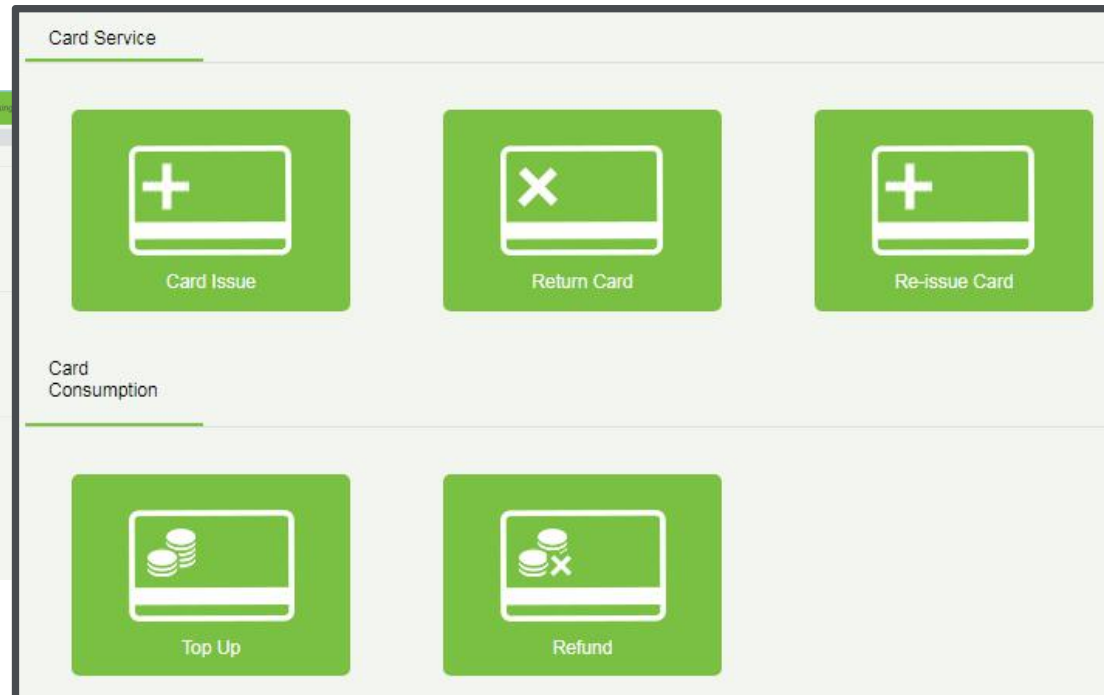
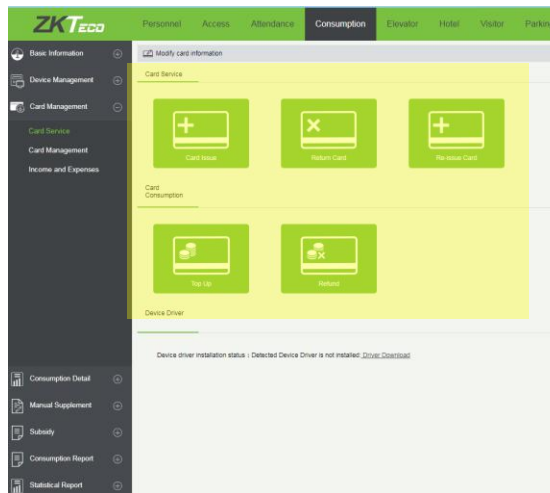
Number	Name	Start Time	End Time	Amount	Whether Effective
1	Default 1	00:00:00	10:00:59	10.0	Yes
2	Default 2	10:01:00	14:00:59	10.0	Yes
3	Default 3	14:01:00	20:00:59	10.0	Yes
4	Default 4	20:01:00	23:59:59	10.0	Yes
5	Default 5	00:00:00	10:00:59	10.0	No
6	Default 6	00:01:00	14:00:59	10.0	No

Users may also choose to set consumption modes: fixed value mode, amount mode, key value mode, counting mode, commodity mode and timing mode.



Supports card management and multiple card operations

Users may conveniently **modify card information**, issue card, return card (support non-card return card), replenish card and other card operations, at the same time it is able to recharge, refund.

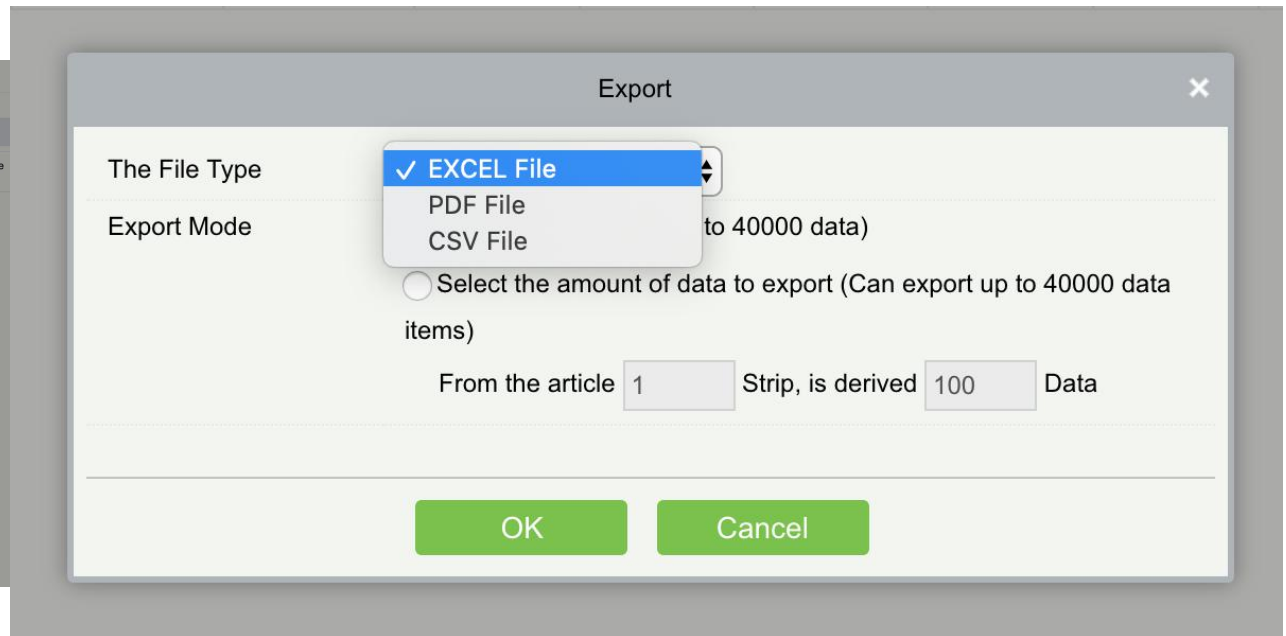
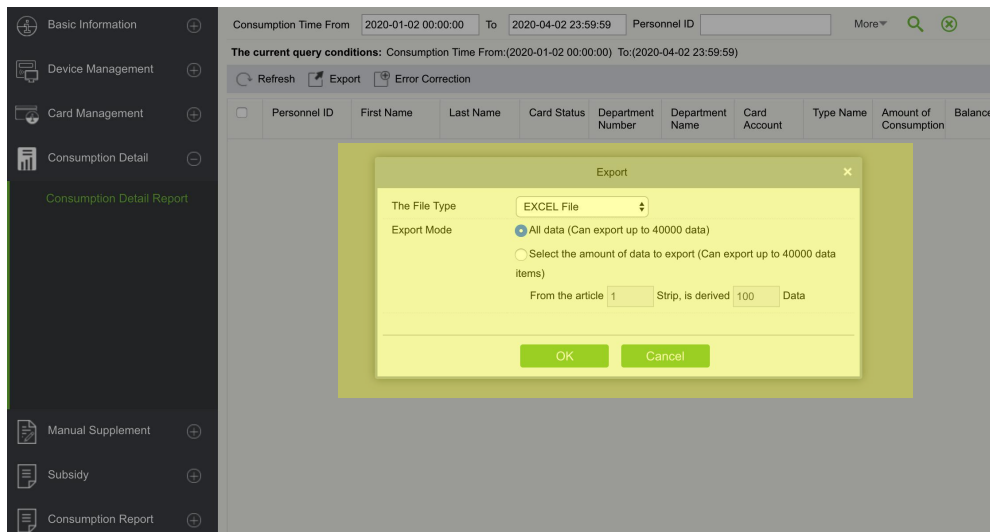


All card information, card and cash receipts, loss details will be recorded for the convenience of inquiry and system management.



Export Consumption Details Report EXCEL/ PDF/ CSV

Personnel consumption details report supports **exporting to EXCEL/PDF/CSV format**, and consumption report is screened **according to the time period required for the query**, everyone can have a clear idea about consumption.

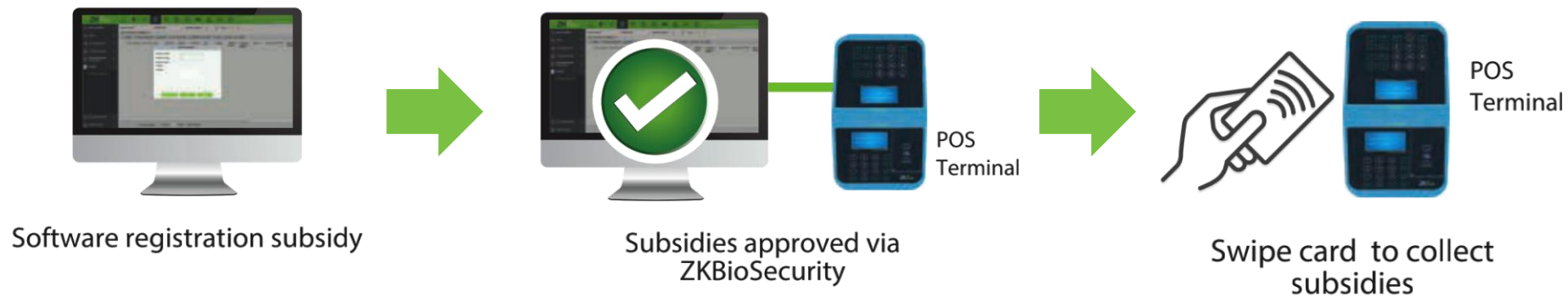




Subsidy Management

Attracts an increasingly wide audience by **offering benefits to customers** who are loyal to your store or to regular guests of your restaurant.

Subsidy collection process:



1. Software registration subsidy.
2. After approval of approval issued to the online subsidy machine.
3. Personnel on subsidy machine to swipe card to receive subsidies.



Consumption Hardware Display



ProMerc-10



ProMerc-20

ZKBioSecurity currently **supports Promerc-10, promerc-20 consumer terminals, connected via TCP/IP**, which makes it easy for administrators to set up device usage, consumption mode, and operate card issuance in the background to link hardware to manage consumption systems.

Report

The **consumption report** includes 9 kinds of statements such as issue card table, top up table, refund table, subsidy table, card` suspend and resume table.

The **statistical report** includes personal consumption statistics table, department summary table, restaurant summary table, equipment summary table, receipt, Summary table, meal summary table



Elevator Control



Elevator Control is designed to control the elevator access authentication, to **manage personnel's access rights** (using PROX card, Fingerprint, and other Biometric technology) to different floors and supervise elevator events.

Users may set registered user's right to floors and interact with the access control module to achieve the **one stop management purpose**.

Only the authorized users can access to certain floors and doors within a period of time after being authenticated.

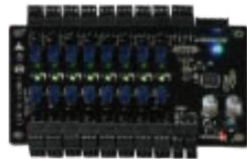


Supports Maximum 58 Floors

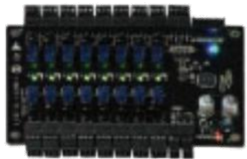
ZKBioSecurity has designed a unique function for elevator control, the EC10 panel and EX16 floor extension board, it provides customers the **most secure, scalable, versatile** and **affordable** access control solution available today for elevators. **It supports maximum 58 floors elevator.**



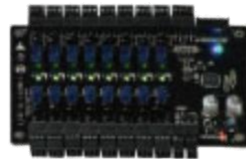
EC10



EX16



EX16



EX16

= 58 Floors

Global Linkage

Elevator control supports the **global linkage function to trigger events / alarms once condition fulfilled**, such as, unregistered personnel, illegal time zone access, duress verification, etc. The photo capture and video recording also are the highlight of this function.



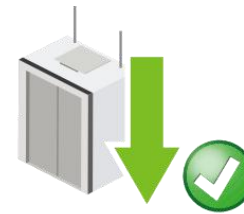
Elevator Operation Limitation by Timeslots

The integration with ZKTeco's products also **enables to limit elevators' operation in specific time.**

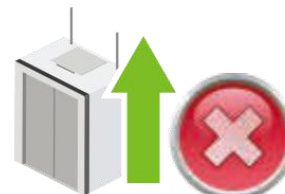
9:00pm - 7:00am
Going Upward Disallowed



9:30pm



9:30pm



For actual implementation, if the elevator control is set to stop operating to go upward between 9:00 pm.to 7:00 am., Unauthorized persons will only be allowed to go downward even with cards for floor access.



Online Mode/ Offline Mode

ZKTeco elevator control can either **operate in online or offline mode.**

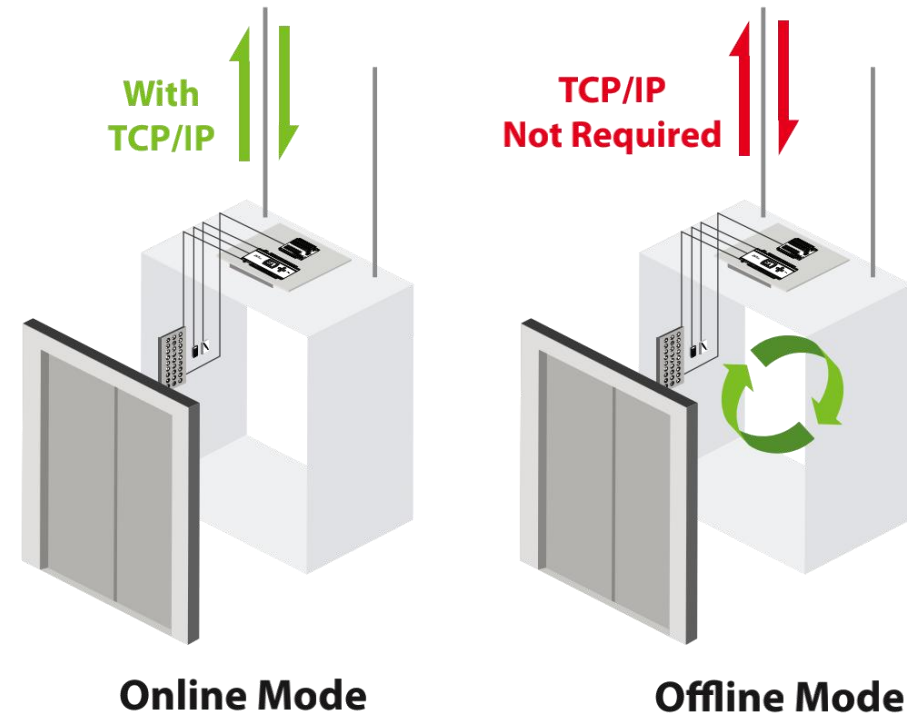
- **Online Mode:**

Require TCP/IP, and all elevator access transactions are stored locally in elevator controller and automatically uploaded to back end server.

- **Offline Mode:**

Offline data can be read with current Mifare which will not require the TCP/IP.

The advantage of using offline mode is the old elevator will also be able to install the elevator control with the **low installation cost.**





Hotel & Visitor & Video Module Linkage

One stop access right setting for hotel & Visitor module, administrators can set individual access rights to different floors and doors to maximize the security level for different application.

Such as, hotel guest can only access to their living floor and limit the visitor to open floor.



Report

Elevator Control Module supports to **generate reports to summary all transaction, exception event, and access right** (by floor or personnel).

Hotel

01



Hotel Info Setting

1.1 Hotel Info Setting

02



Room Management

2.1 Room Type
2.2 Building
2.3 Floor
2.4 Room
2.5 Room Area

03



Card Center

3.1 Card Center

04



Hotel Management

4.1 Reception
4.2 Reservation



ZKBioSecurity

It **provides hotel service management functions** covering check-in, overstay, check-out, rate settlement, and lock setup and management.



Online Reservation

Online reservation is the highlight of the hotel management module which enables staffs/ administrators to make **remote online room reservation record as long as they are connected with Internet.**

Moreover, with its user friendly interface, administrators / staffs can clearly check out how many rooms are currently available and easy to reserve special rooms in a period of time for customers.

Room	2018-02-12	2018-02-13	2018-02-14	2018-02-15	2018-02-16	2018-02-17	2018-02-18	2018-02-19	2018-02-20	2018-02-21	2018-02-22	2018-02-23	2018-02-24	2018-02-25	2018-02-26
A1101 VIP	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠
A1102 VIP	👤	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠
A1103 VIP	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	🏠	🏠
A1104 VIP	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	🏠	🏠
A1105 VIP	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	🏠	🏠
A1106 VIP	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	🏠	🏠
A1107 VIP	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	🏠	🏠
A1108 VIP	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	🏠	🏠
A1109 VIP	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	🏠	🏠
A1110 VIP	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	🏠	🏠
A2101 single room	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	🏠	🏠
A2102 single room	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	👤	🏠	🏠
A2103 single room	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠
A2104 single room	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠	🏠



Room can be reserved for the time period.



The room is occupied (not available) in the time period and cannot be reserved.



The room has been reserved



Selected room

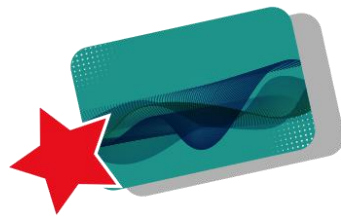


Loss Card

Guests are given the hotel cards once they checked in, if the guest **lose their hotel room card**, this will be complicated in certain old hotel management system, however, **ZKBioSecurity offers a better and simpler way to fix this problem.**



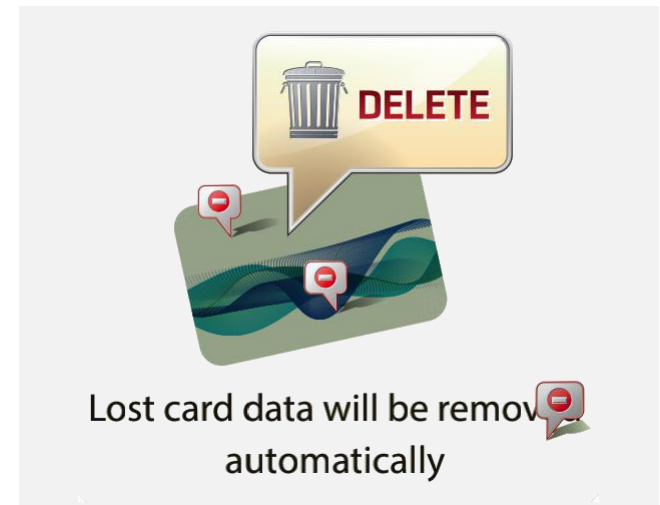
Lost the card



New card
replace the old card



Swipe the new card
on the right door

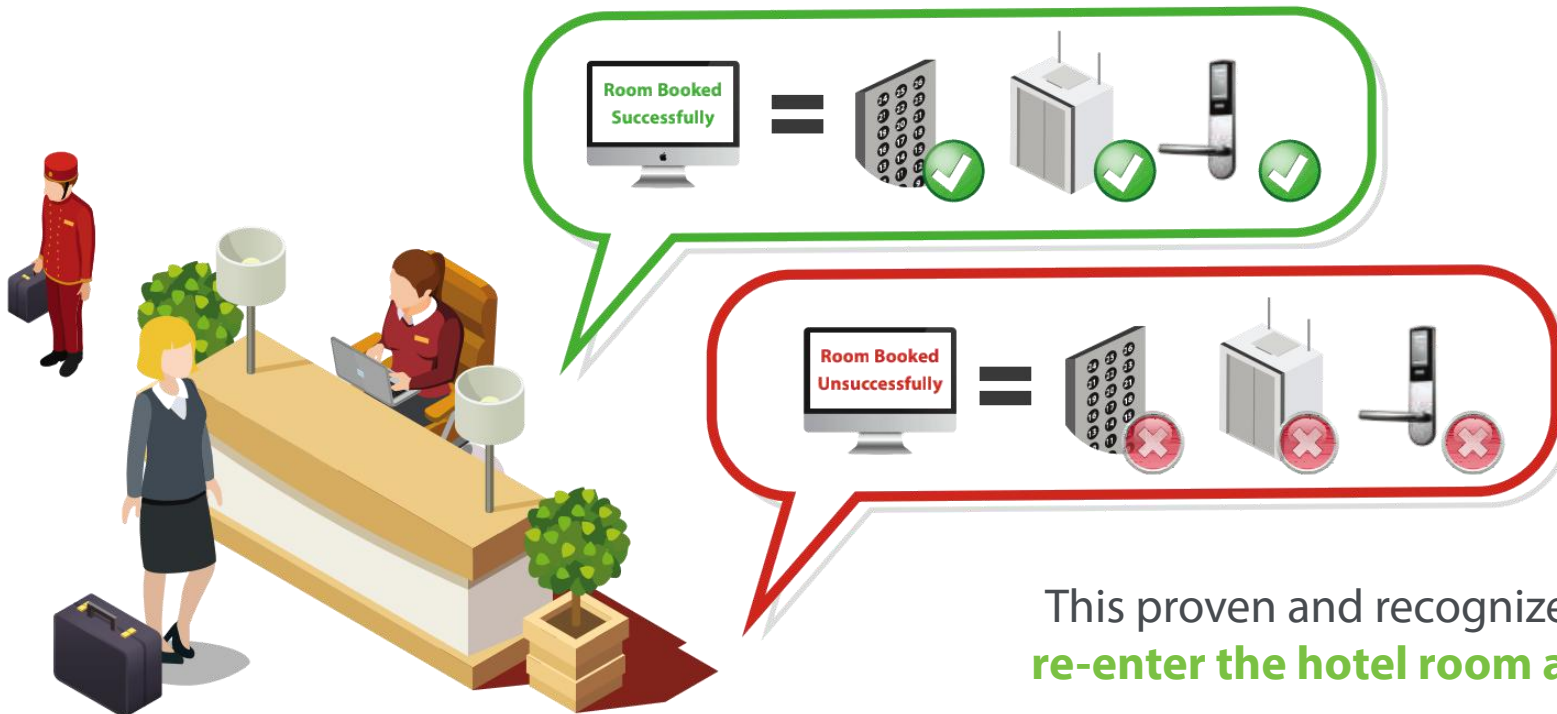


Hotel staffs only need to select the **"Report Lost Card"** function and then register a new card for the guests, once the guests swipe the new card on the lock, It will replace the old card and delete the old card access right at the same time.



Merge with Access Control and Elevator Module

Elevator control module **allows the guest to take the elevator on the specific time**, and grants elevator to operate if the elevator to work if there is a booking for the other location.



For example, to reserve the hotel room and the elevator, the hotel staff just simply click out the corresponding date and time via ZKBiosecurity software web based platform.

This proven and recognized procedure can **prevent the guest re-enter the hotel room and the elevator with the lost card.**

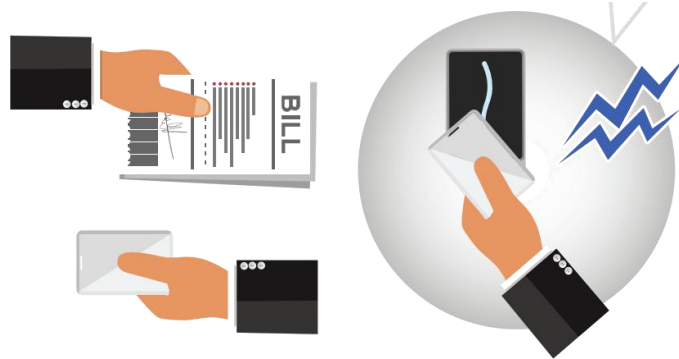


Advanced Payment Option of Consumption Management

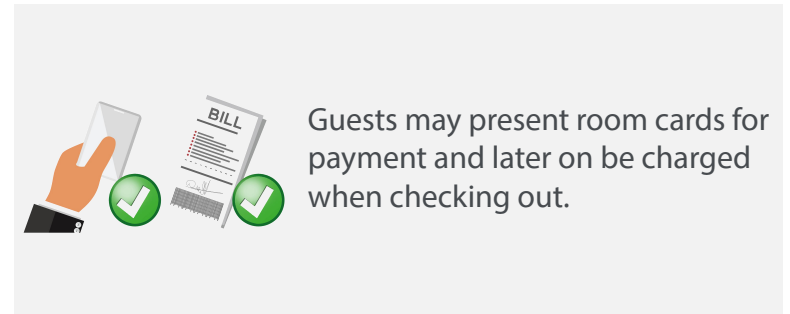
Hotel guests often need to make payments by cash or credit card. ZKBioSecurity offers **an advanced option for guests to pay when checking out.**



After Dinner at Mini Bar
at Coffee Shop
at Restaurant



Advanced Option
Pay bills with hotel card



Guests may present room cards for payment and later on be charged when checking out.

Simply present hotel cards after having meal wherever at hotel lounges, coffee shops or restaurants, and guests may **pay charges when leaving the hotel.**



Report

To complete the hotel management function, the report is necessary.

ZKBioSecurity hotel management module do offer detailed report, including:

- guest check in
- room check in
- room charge
- issue card
- unlock record

The screenshot displays the 'Report Management' menu with options: Guest Checkin Report, Room Checkin Report, Room Charge Report, Issue Card Report, and Unlock Record Report. The background shows a data table with columns: First Name, Last Name, Document Type, Document No., Card Number, Check-In Time, Check-Out Time, and Checkin Type. An 'Export' dialog box is open, showing 'The File Type' dropdown set to 'EXCEL File' and 'Export Mode' set to 'to 40000 data'. The dialog also includes a radio button for 'Select the amount of data to export (Can export up to 40000 data items)' and a 'Strip, is derived' section with input fields for '1' and '100'.

First Name	Last Name	Document Type	Document No.	Card Number	Check-In Time	Check-Out Time	Checkin Type
BBBBBom	XXXXXXIA	ID	11012011912345	982058934	2020-01-08 09:34:35	2020-04-03 12:00:00	Daily Rate Rox
63						2020-04-03 12:00:00	Daily Rate Rox
das						2020-04-03 12:00:00	Daily Rate Rox
1111						2020-06-16 12:00:00	Daily Rate Rox
						2020-04-03 12:00:00	Daily Rate Rox
						2020-02-20 17:03:27	Daily Rate Rox
						2020-03-10 18:54:25	Daily Rate Rox
						2020-02-20 16:55:12	Daily Rate Rox
ID			666	1314663276	2020-02-21 13:41:14	2020-02-21 13:41:57	Daily Rate Rox
Fox		ID	55555	1314663276	2020-02-21 11:58:29	2020-02-21 12:03:46	Daily Rate Rox
		ID	123456	1810563731	2020-02-20 16:55:12	2020-02-20 16:59:19	Daily Rate Rox
		ID	321421	1314663276	2020-02-20 17:12:47	2020-02-20 17:16:01	Daily Rate Rox
		ID	12	357900870	2020-01-08 10:33:54	2020-01-08 15:02:31	Daily Rate Rox
		ID	321123	1810563731	2020-02-20 17:04:10	2020-02-20 17:12:00	Daily Rate Rox



Visitor Module

Visitor Module is a web-based management system that implements:

- entry registration
- exit registration
- snapshot capturing
- visitor quantity statistics
- reservation management
- shares information among registration sites



It is highly integrated with the access control system and elevator control system.

It is generally used at reception desks and gates of enterprises to manage visitors.



Multi-point Visitor Registration Management based on Web

Supports **setting of visitor registration points, multi-point registration visitor management, and mutual sharing of a publicized management database.**

E-mail and SMS Notification Functions

During visitor registration, in case of overtime visits, visitor registration, overtime visitor registration, visitor checking out, monitoring lists, the system will **deliver e-mail or SMS notification** to visitors, recipients or managers in registration site.



SMS and e-mail templates **support customization**, templates with different contents, delivery rules and recipients according to conditions can be customized. If it is set to deliver in day of visit, all notifications will be delivered to the specific recipients on specific time.



Visitor Management Process

Visitor authority supports **automatic distribution of recipient department authority group** according to visitor's location.

Also, **copying function** enables users to select needed visitor information and copy to new registration interfaces, including **recipient information, reasons for visit, corporate information, authority information etc.**, which can **bring convenience and save time to group visit registration.**



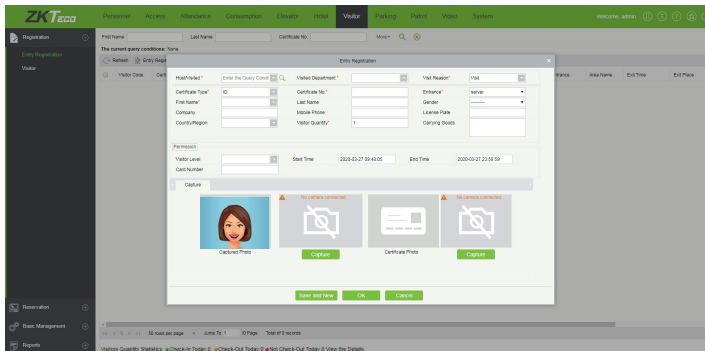
After successful registration, visitors may have access to designated areas with visitor cards or visitor receipts.

It supports multiple verification modes including card, password, fingerprint, QR code etc. After visit, visitors may return cards in the registration site for checking out.

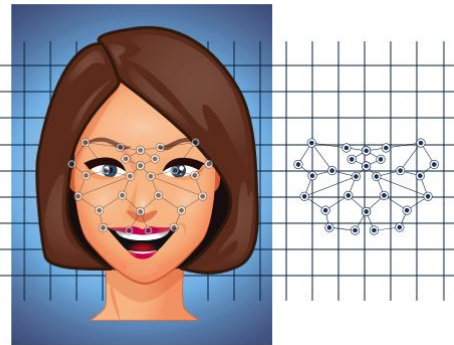


Visitor Module Supports Visible Light Facial Recognition

Client can use the **photo capture function** in the visitor registration page to register visible light facial templates, and share with all Visible Light Facial Recognition Terminals.



Visitor Image Upload



Face Template Registered



Visitor get access to door



Maximum Visitor Check

In order to provide a secure visitor management system for a number of visitors visiting the office building, ZKBioSecurity has a function of **maximum number of visitor check**.

Maximum visitor check

Open single-day maximum visitor visits monitoring

Maximum number of visits

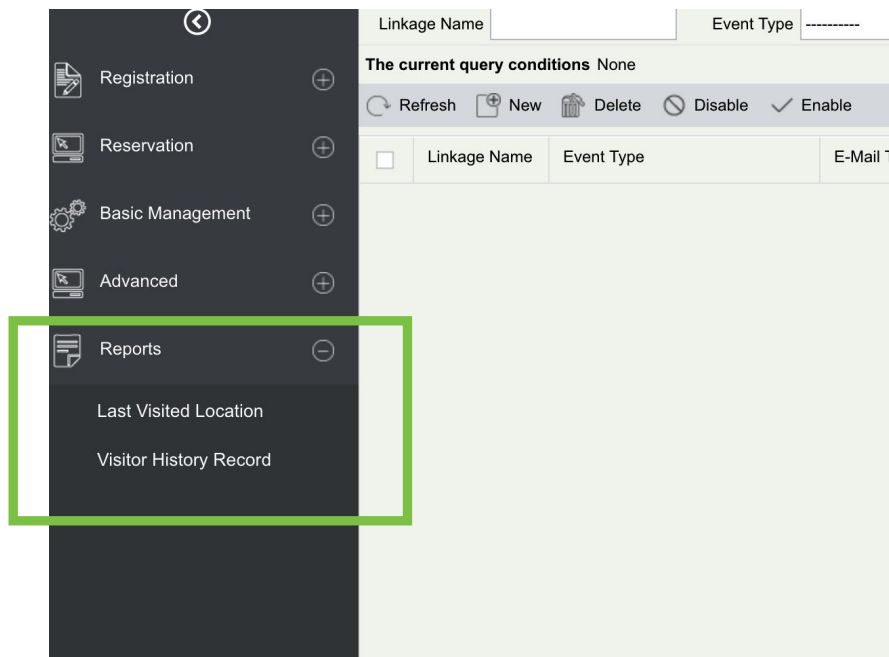
Open single-day single-person maximum visitor visits monitoring

Maximum number of visits

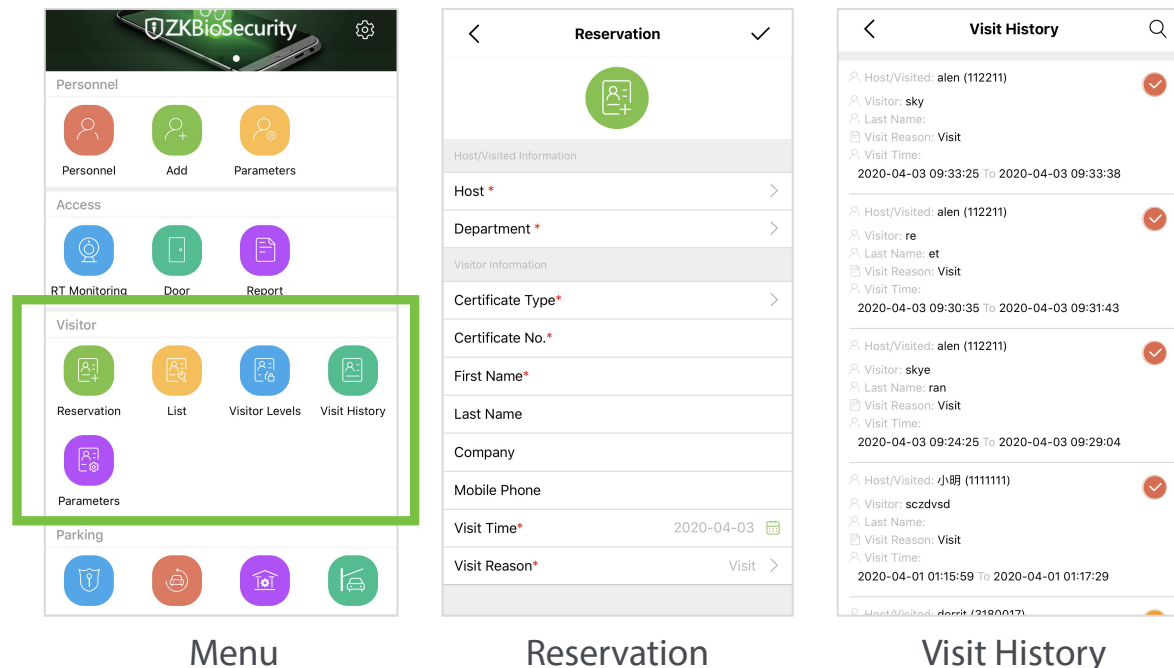


Once the number of visitors on the day reaches the default upper limit, prompt pop up will be delivered when Admin enters the registration page.

Report & Supports iOS and Android App



Visitor module can **summary useful information** of visitor last visited location and visitor history.



Officers mobile **visitor reservation and registration** functions, including names, phone numbers, timeslots of visits. Users may also **review reserved visitors' status and detailed visitor records** with ZKBioSecurity App anytime.



Automatic and intelligent vehicle management effectively and accurately **monitors and manages vehicles** at all exits and entrances via different criteria.



Supports Parking Offline Mode

Offline Mode: People and vehicle can get access without network

The LPR terminal itself can **save templates and finish the authorization process** even in offline environment, the LPR system can still operate smoothly and fine.



Meanwhile, under the offline environment, the templates and data cannot be updated.



Supports Display Company Name in LED Screen

User can **set their company names displayed** on the LED screen on the LPR terminal, ZKBioSecurity Parking module has a very user-friendly GUI to let users set names.

Parking Settings

Company Name:

Parking Lot Mode: ⚠️ Once you have selected the parking lot mode, mode!

Parking Space No.: ⚠️ When there is an authorized vehicle cannot switch! Please create number!

Entrance and Exit Settings

Fixed Vehicle Multiple In and Out

Temporary Vehicle Multiple In and Out

Enable Shift Change Process

Matching Precision of Exit

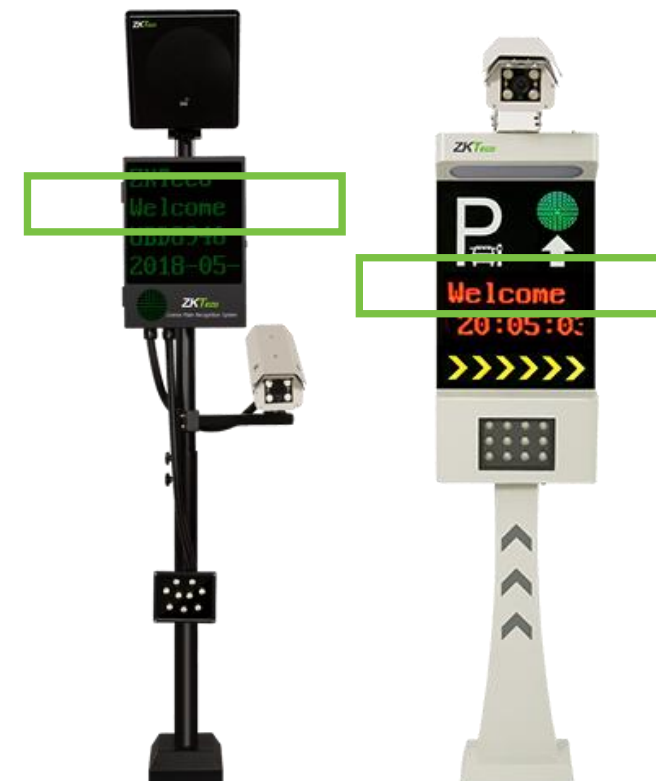
Charge Settings

Enable Fixed Vehicle Charges

Print Fee Receipts

Enable the Consumer Discount

Unmatched Processing Mode: Free Release after Charging Currency Unit*





Report

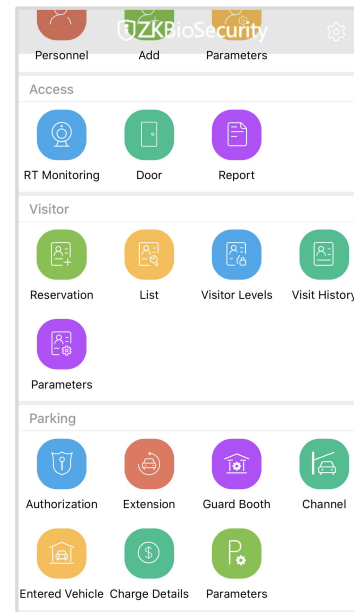
As an utilized LPR parking management system, the ZKBioSecurity parking module provides numbers of detail report, **license plate report, charge details, vehicles in parking lot, daily and monthly reports**, etc.

Supports IOS and Android App

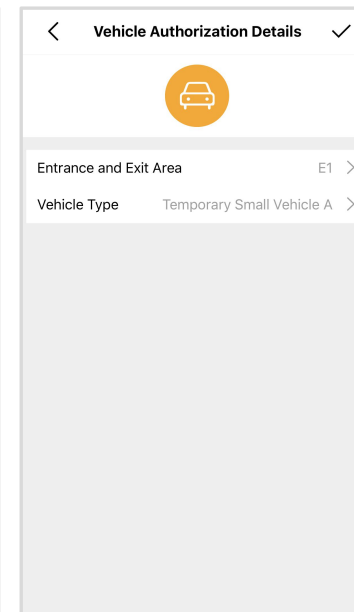
Provides **mobile remote car access authority distribution function** (designated time/date/entrance & exit), details of overtime parked cars can be reviewed in reports for prompt re-distribution / update of valid parking periods.

Users may also dene monthly parking cars as fixed vehicles or hourly parking cars with temporary vehicles for the convenience of the setting of charges and effective periods.

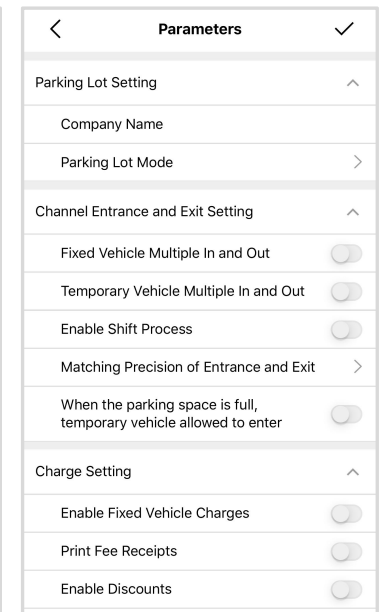
License Plate Recognition (LPR) enables license plate image capturing, users may **review all details of present cars' parking status and car parking history** in mobile device.



Menu



Vehicle Authorization Details



Parameters



The diagram illustrates the Guard Patrol system architecture. It features a central title 'Guard Patrol' in a green box. To the left is a stylized illustration of a guard in a uniform holding a radio. To the right, three numbered boxes represent the system's main modules: '01 Basic Management' (with sub-points 1.1 Device and 1.2 Checkpoint), '02 Patrol Management' (with sub-points 2.1 Plan, 2.2 Patrol Group, and 2.3 Route), and '03 Route Monitoring' (with sub-point 3.1 Patrol Monitoring). The background includes faint icons of a location pin, a gear, and a Wi-Fi signal.

Guard Patrol



ZKBioSecurity

The Online Guard Patrol module is the **new cost-effective way** to accomplish guard patrol management.

ZKBioSecurity can **utilize the access control readers** already in place as guard patrol check point readers.

ZKBioSecurity terminals and readers boast biometric technology for added security. **No additional equipment** is required for the guard to carry.



Management

Guard Patrol is an efficient module to manage your security guards **completing all their patrols at the correct time.**

Our guard tour system uses the latest technology to allow you to accurately monitor the times of patrols and when key areas have been visited.



The system works by installing the access control at areas around the building to be checked.

Security guards swipe their own smart card or other biometric authentication to these points to record the time visited.

Using the existing access control and time attendance, it **reduces costs and ensures patrol tasks are completed.**



Online with Access Control (Cost Effective)

The security guards have to identify their own checkpoints to officer performing the patrol to note any incidents or observations.

Using the ZKTeco access control with the powerful software ZKBioSecurity, enterprise no longer need to install the traditional guard patrol system (Location Tag), administrators can **cut cost on the security's budgets.**





Real-Time Patrol Monitoring and Check-Point Route

ZKBioSecurity provides the scheduled routes of the current day in the patrol plan.

Normal Patrol

The patrol guard finished the patrol in the normal time segment and sequence

Not Patrol

The patrol personnel did not finish the patrol in the normal segment, that is the patrol guard did not finish the patrol route.

Patrol Route Error

The patrol guard finished the patrol in the normal time segment but in wrong route.

The screenshot displays a software interface for patrol monitoring. On the left is a sidebar menu with options: Operation Wizard, Route Monitoring, Patrol Monitoring, Basic Management, Patrol Management, and Reports. The main area shows a 'Route' selection dropdown and a grid of routes. The routes are categorized into 'Month Plan', 'Week Plan', and 'Daily Plan'. Each route is represented by a horizontal line with check-points labeled 'Front Door', 'Middle Door', 'Back Door', and 'A' through 'G'. The status of each check-point is indicated by a colored dot: green for 'Normal Patrol', red for 'Patrol Route Error/Leakage Patrol', and grey for 'Not Patrol'. A legend at the bottom of the interface defines these colors: a grey circle for 'Not Patrol', a green circle for 'Normal Patrol', and a red circle for 'Patrol Route Error/Leakage Patrol'. A green box highlights the legend, and a green arrow points from the red dot in the legend to the corresponding red dots in the route grid.



Video Management System



 **ZKBioSecurity**

It can be used in conjunction with NVR, DVR, IPC, MDI, SDI network storage devices.

Supports features such as

- real-time preview
- video playback
- record
- linkage alarm
- face recognition
- decoding video etc.

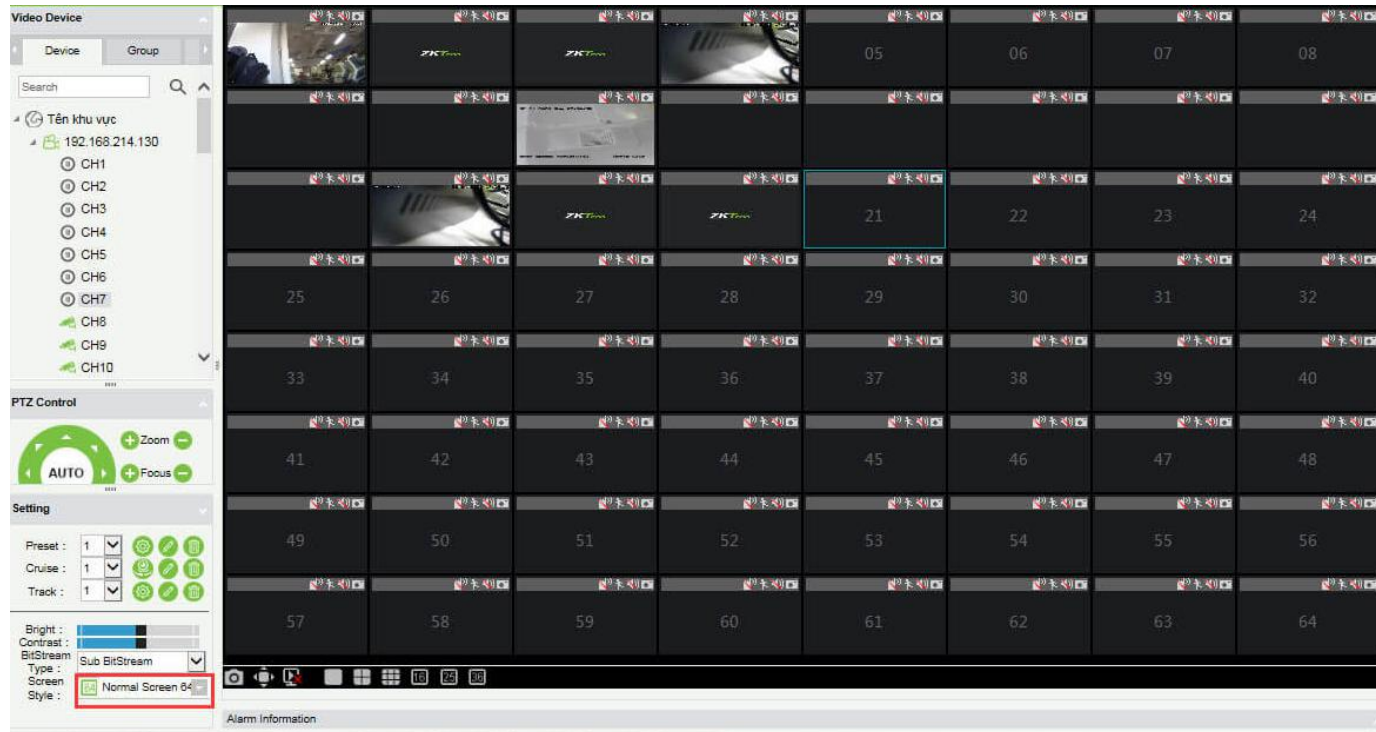
Provides **flexible and diverse solutions** to meet the need of small and medium projects.

VMS module can work with VMS Client, which can be **widely used in various security projects** in finance, public security, banking, education, and other elds.



Supports up to 128 Camera with H.265 High compression format

ZKBioSecurity video management system **supports up to 128 cameras per server** with multiple video servers controlled by viewing client.



It supports the standard of H.265 / H.264 high prole compression format that users can get a high-quality video at much lower bit rate.



Supports PTZ operation

PTZ Control



The Software enables PTZ (pan-tilt-zoom) control of IP camera that is capable of **remote directional and zoom control**, and fine adjustment of centre position of camera.

Also, zoom control, iris level adjustment and PTZ movement speed adjustment is also **enabled to enhance both security and convenience level**.



Supports ONVIF



ONVIF is an open industry standardized interface for IP-based physical security products. ZKBioSecurity uses ONVIF for most of the 3rd party cameras and NVRs integration to **enlarge its extension ability**.



Facial Recognition

ZKBioSecurity is powered by Artificial Intelligence (AI), and work with the latest ZKTeco face recognition NVR. It provides face recognition functions to users including **whitelist**, **blacklist control** and **people tracking function**.



● White List real-time monitoring

ZKBioSecurity not only allows Admin to create white list and rules for people who **can go through whatever gate**, but also **gives Admin notifications when they arrive at specific areas**.

For example, for VIPs and boss, you can do this with the white list notification system via ZKBioSecurity, by just simply uploading their images in the system, once they arrive at the surveillance area, they will be selected and notification will pop up and appear on screen.



● Black List real-time monitoring

The Blacklist helps admin to **screen and reject people to go through the gate**, and also if those people are blacklisted, **once they arrive the surveillance area, alert message will pop on screen**.

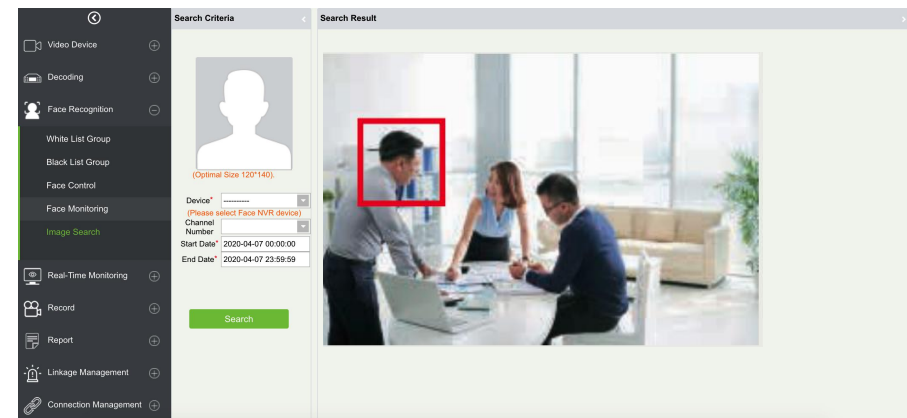
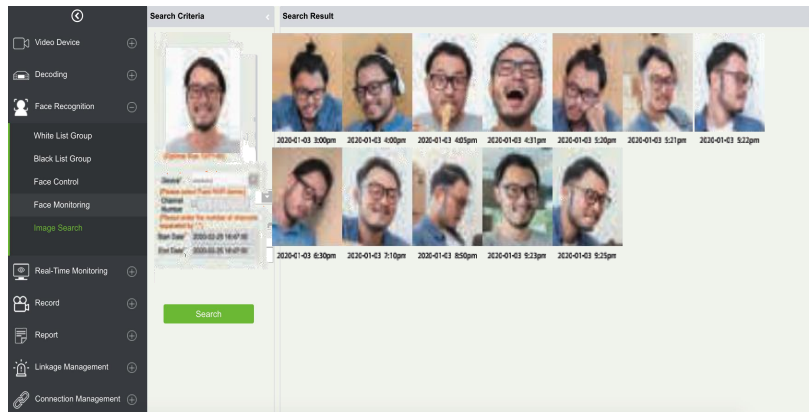
For example, if a visitor is blacklisted, he or she thus will be disallowed to enter the building, admin will also be notified through the system of ZKBioSecurity.



Facial Recognition

- People Tracking by Image Detection

ZKBioSecurity reads images, has an ability to **identify** human faces and **form** a fundamental face characteristics analysis, and **match** them in database.



Admin may just simply go to the image section and upload images, the system will therefore use the provided images to match images and video information in recorded footage.



Linkage Management

Provides this Linkage Management for user to **configure the Video device alarm linkage.**

It comes with eight alarm trigger conditions :

Motion Detection

Video Loss

Tampering

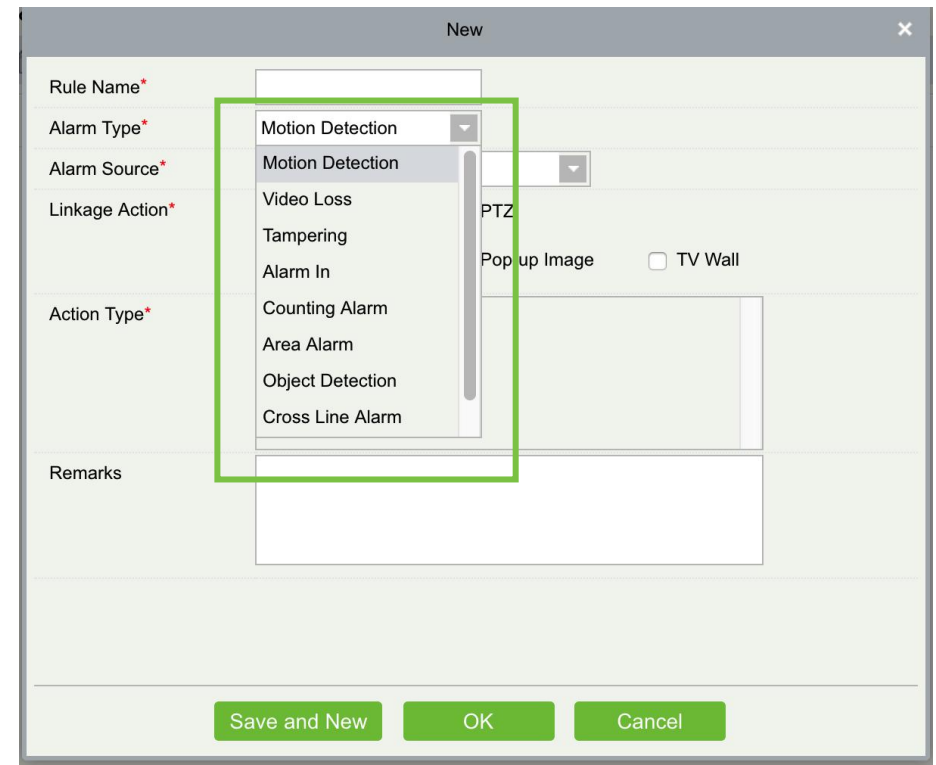
Alarm in

Area Alarm

Object Detection

Cross Line Alarm

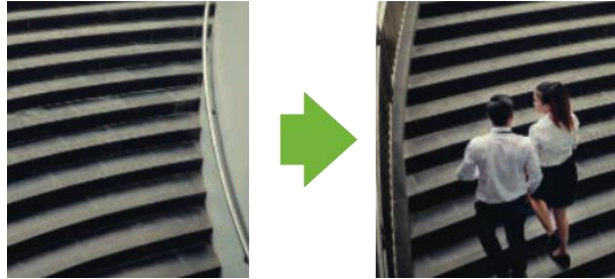
Human Detection



Admin can therefore set linkage action to capture, video recording, PTZ (Pan Tilt Zoom adjustment) and enable on-screen image and video display to popup when there is a linkage that triggers the security system.



Linkage Management



● Motion Detection

This motion detection can detect a moving person, respond to the movement and get alerts whenever motion is detected outside public area or inside the office building with the Alarm Motion.



● Video Loss

Once the security surveillance cameras, some or all of them, suddenly stop working, deliver video loss message or signal loss on screen, admin might get linkage notification from ZKBioSecurity.



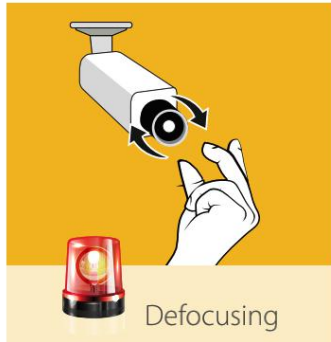
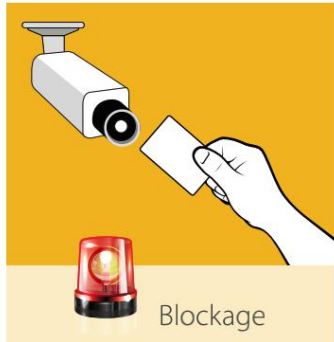
● Alarm Inputs

Alarm sensor device PIR motion detector, magnetic door sensor can be connected to the alarm input ports. With linkage action, door sensor can trigger the status of the front door.



Linkage Management

● Tampering



Once tamper detection has been detected, whether it is someone trying to knock the camera down or block its view, the system will deliver the presented linkage action to user.

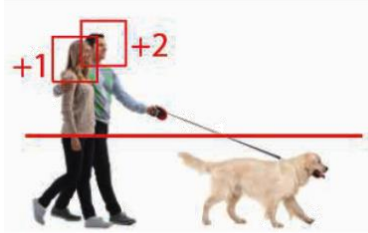
● Item Detection

It is able to perform object detection towards any left item in security area according to size and duration of presence to judge whether the item is missed or intentionally left. It is also able to automatically activate alarm system and deliver notifications to management staffs.

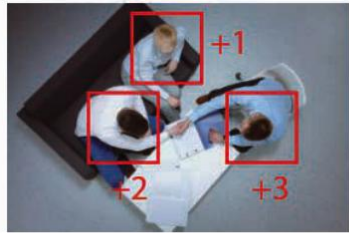
For example, in case any intentionally left object or any other dangerous goods is left in any specific area, linkage will be triggered.



Linkage Management



Height Filter



Outstanding
Anti-Interference Ability

● Counting Detection

It is effective to be applied to large people flow applications as it counts actual quantity of passing-by people.



● Human Detection

ZKBioSecurity can read people face once the system detect there is a human within surveillance area.



● Area Detection

In Area Detection, it is enabled to set specific alert areas in surveillance area and to set prohibited orientation of entrance. Once any target enters alert area, it will be acquired on screen and prompt notification will be made.



Linkage Management



- **Cross Line Detection**

In Line Crossing, it is able to set security border in video, with software calculation and inspection, once any person crosses the border in forward or reverse orientation, it performs automatic detection and triggers the system to notify management staffs.

Report

To complete the video surveillance function, the report is necessary , and ZKBioSecurity video surveillance module do offer detailed report, including **Video Report, Video Alarm Report, Video Event Record, Face Recognition Record, Face Template Distribute Record.**

03

Report Templates

Personnel Management Summary Report

Personnel ID	First Name	Last Name	Department Number	Department Name	Gender	Birthday	Password	Certificate Type	Certificate Number	Card Number	Email	Self Login Password	Mobile Phone
0103	jack	li	1	General	Male	1998-06-05	5758	1	321324	224256	134@12.com	123456	4637422
0129	jolene95233	lastName	21	General	Female	2016-07-15	95233	1	24354	95233&1	1233@zkteco.com	95233	15123456789
0254	ghhh	wu	1	General	Male	1996-04-02	2442	1	214355	12233	ghhh.wu@qq.com	123456	6476475
0105	puck	liao	1	General	Male	1984-04-03	7658	1	23535	34555	pucx@qq.com	123456	1256575333
0325	jerry	hu	1	General	Male	1995-04-05	2323	1	35467	21434	jerry@qq.com	123456	12464789
0147	Jessica	li	1	General	Female	1987-04-23	8879	1	134664	7023	1035@qq.com	123456	1246657234
0257	employeeA	wang	666	Marketing	Male	1995-08-10	4357	3	1567426	2435	103@qq.com	123456	13176658335
0537	mass	utouch	12	General	Male	1992-04-14	888888	1	131	279	103@qq.com	123456	2342152134
0427	Kiki	xiao	12139	adtest1	Female	1975-10-07	242535	1	143657	24353	1344@qq.com	123456	235475436
0246	Eric	Liang	1	General	Male	1995-09-15	2435	1	5336	55	135@ww.com	123456	24763632

Export Personnel ✕

<input checked="" type="checkbox"/> Basic Information	<input checked="" type="checkbox"/> Personnel ID	<input checked="" type="checkbox"/> First Name	<input checked="" type="checkbox"/> Last Name	<input checked="" type="checkbox"/> Department ...
	<input checked="" type="checkbox"/> Department ...	<input checked="" type="checkbox"/> Gender	<input checked="" type="checkbox"/> Birthday	<input checked="" type="checkbox"/> Password
	<input checked="" type="checkbox"/> Certificate Type	<input checked="" type="checkbox"/> Certificate Nu...	<input checked="" type="checkbox"/> Card Number	<input checked="" type="checkbox"/> License Plate
	<input checked="" type="checkbox"/> Email	<input checked="" type="checkbox"/> Self Login Pa...	<input checked="" type="checkbox"/> Mobile Phone	
<input type="checkbox"/> Custom Attributes	<input type="checkbox"/> Employee Type	<input type="checkbox"/> Hire Type	<input type="checkbox"/> Job Title	<input type="checkbox"/> TEST2
	<input type="checkbox"/> direccion	<input type="checkbox"/> Country	<input type="checkbox"/> Home Phone	<input type="checkbox"/> Home Address
	<input type="checkbox"/> Office Phone	<input type="checkbox"/> Office Address	<input type="checkbox"/> Representativ...	<input type="checkbox"/> Representativ...

Choose "Custom Attributes" to export more information.

All Access Transactions

Time: 2020-01-08 00 : 00 : 00 - 2020-04-08 23 : 59 : 59

Event ID	Time	Device Name	Event Point	Event Description	Personnel ID	First Name	Last Name	Card Number	Department Name	Reader Name	Verification Mode	Area Name	Remark
-1	2020-04-03 10:17:20	192.168.217.249		Disconnected						Other	Other	ZKTeco	
1738	2020-04-03 10:08:22	192.168.217.249	192.168.217.249-1	Device Started						Other	Other	ZKTeco	
1739	2020-04-03 10:08:22	192.168.217.249	192.168.217.249-1	Tamper alarm						Other	Other	ZKTeco	
-1	2020-04-01 16:29:35	192.168.217.249	192.168.217.249-2	Disconnected						Other	Other	5	
-1	2020-04-01 11:43:04	192.168.212.209		Disconnected	20200408					Other	Other	ZKTeco	
10	2020-04-01 11:29:38	192.168.212.209	192.168.212.209-1	Personnel Expired	20200401	jerry	hu	006	Financiall	192.168.212.209-1-Out	Face	ZKTeco	
9	2020-04-01 11:28:22	192.168.212.209	192.168.212.209-1	Personnel Expired	20200401	alin	li	007	General	192.168.212.209-1-In	Face	ZKTeco	
8	2020-04-01 11:27:52	192.168.212.209	192.168.212.209-1	Personnel Expired	20200401	cindy	cal	008	Marketing	192.168.212.209-1-Out	Face	ZKTeco	
7	2020-04-01 11:27:49	192.168.212.209	192.168.212.209-1	Personnel Expired	20200401	cathy	gabby	010	General	192.168.212.209-1-Out	Face	ZKTeco	
6	2020-04-01 11:27:43	192.168.212.209	192.168.212.209-1	Personnel Expired	20200401	jim	jin	028	General	192.168.212.209-1-Out	Face	ZKTeco	
5	2020-04-01 11:27:39	192.168.212.209	192.168.212.209-1	Personnel Expired	20200401	amily	feng	026	HR	192.168.212.209-1-Out	Face	ZKTeco	
4	2020-04-01 11:27:37	192.168.212.209	192.168.212.209-1	Personnel Expired	20200401	sharlock	hua	038	General	192.168.212.209-1-Out	Face	ZKTeco	
3	2020-04-01 11:27:35	192.168.212.209	192.168.212.209-1	Personnel Expired	20200401	coco	ye	021	General	192.168.212.209-1-Out	Face	ZKTeco	
2	2020-04-01 11:27:32	192.168.212.209	192.168.212.209-1	Personnel Expired	20200401	fan	jiten	043	General	192.168.212.209-1-Out	Face	ZKTeco	
-1	2020-04-01 11:16:04	192.168.212.209		Disconnected						Other	Other	ZKTeco	

Access Report

Personnel ID	First Name	Last Name	Department	Card Number	Last Access Time	Last Access Reader
1	Jerry	Wang	General	4461253	2017-12-18 09:29:31	192.168.218.60-2-In
2	Lucky	Tan	Development Department	6155266	2017-12-18 09:27:12	192.168.218.60-1-In
2940	Sherry	Yang	Hotel	1411237	2017-12-18 09:55:52	192.168.218.60-1-In
3	Leo	Hou	Financial Department	13271770	2017-12-18 09:34:57	192.168.218.60-2-In
4	Berry	Cao	General	13592341	2017-12-18 09:55:58	192.168.218.60-1-In
5	Necol	Ye	Marketing Department	13260079	2017-12-18 09:34:18	192.168.218.60-1-In
6	Amber	Lin	Financial Department	4628036	2017-12-18 09:25:29	192.168.218.60-1-In
7	Jacky	Xiang	General	6323994	2017-12-18 09:27:18	192.168.218.60-2-In
8	Glori	Liu	Marketing Department	6189166	2017-12-18 09:34:20	192.168.218.60-2-In
9	Lilian	Mei	Development Department	9505930	2017-12-18 09:27:22	192.168.218.60-1-In

Last Known Position Report

Time: 2020-01-10 00 : 00 : 00 - 2020-04-10 23 : 59 : 59

Personnel ID	First Name	Last Name	Card Number	Time	Department Name	Device Name	Event Point	Event Description	Reader Name	Verification Mode	Area Name	Zone	Remark
20200401	ghhh	Feng	1103	2020-04-01 11:29:38	General	192.168.212.209	192.168.212.209-1	Personnel Expired	192.168.212.209-1-Out	Face	ZKTeco	Area A	
202003273				2020-03-27 18:59:00	General	192.168.5.231	192.168.5.231-1	Anti-Passback	192.168.5.231-1-Out	Face	JessicaPhoto		
2755	elie	Hu	1106	2020-03-26 18:23:11	General	192.168.217.249	192.168.217.249-1	Normal Verify Open	192.168.217.249-1-Out	Face	ZKTeco	Server	
233	jolene	Jiang	1204	2020-03-23 11:00:27	General	192.168.213.248	192.168.213.248-1	Normal Verify Open	192.168.213.248-1-Out	Only Fingerprint	ZKTeco	Area B	
1234	TEST	Helen	1212	2020-03-17 09:55:26	Akuvox	192.168.5.250	192.168.5.250-1	Normal Verify Open	192.168.5.250-1-Out	Face	3Y11R	Area C	

Daily Attendance Report

Personnel ID	First Name	Last Name	Department Number	Department Name	Record Date	Record Times	Earliest Time	Latest Time	Punch Time
2	kaka	Li	2		2020-04-08	2	09:36:40	18:06:42	09:36:40,18:06:42
3180018	kira	kang	1	ZKTeco	2020-04-08	1	11:51:27	16:54:27	11:51:27
2	vans	liao	1	ZKTeco	2020-04-07	2	09:24:12	16:25:05	09:24:12,16:25:05
3	jerry	hong	1	ZKTeco	2020-04-07	1	07:08:08	19:47:08	15:08:08
3180017	doertt	chay	1	ZKTeco	2020-04-07	1	08:12:05	18:19:07	18:19:07
88	hank	walson	1	ZKTeco	2020-04-02	2	11:03:52	20:13:44	11:03:52 20:13:44
1	john	su	3		2020-03-30	6	07:08:45	19:16:32	17:08:45,17:09:09,17:11:19,17:14:14,17:14:40,19:16:32
3180017	doertt	mary	1	ZKTeco	2020-03-30	1	07:28:01	17:57:09	17:57:09
330	gg	hola	1	ZKTeco	2020-03-30	24	07:37:45	19:54:54	07:37:45,17:37:46,17:37:48,17:37:49,17:37:51,17:37:52,17:37:55,17:38:12,17:38:15,17:39:58,17:40:01,17:42:48,17:42:50,17:42:52,17:42:54,17:46:43,17:46:44,17:46:46,17:54:49,17:54:51,17:54:53,17:54:55,17:54:57,19:54:54
5	cindy	Tian			2020-03-30	2	06:55:47	20:47:32	06:55:47,20:47:32

Business Trip Report

Personnel ID	First Name	Last Name	Department Number	Department Name	Start Time	End Time	Remark	Operation Time
4	Berry	Cao	1	General	2017-12-15 16:37:27	2017-12-15 16:37:27		2017-12-15 16:37:31
5	Necol	Ye	2	Marketing Department	2017-12-18 11:42:28	2017-12-18 11:42:28	Go to Shenzhen	2017-12-18 11:42:51
8	Glori	Liu	2	Marketing Department	2017-12-18 11:42:55	2017-12-18 11:42:55	Go to Thailand	2017-12-18 11:43:08

Overtime Report

Personnel ID	First Name	Last Name	Department Number	Department Name	OT Type	Start Time	End Time	Remark	Operation Time
3	Leo	Hou	4	Financial Department	Normal OT	2017-12-15 16:37:34	2017-12-15 16:37:34		2017-12-15 16:37:37
5	Necol	Ye	2	Marketing Department	Normal OT	2017-12-18 11:44:03	2017-12-18 11:44:03	Finish Project	2017-12-18 11:44:28

Leave Report

Personnel ID	First Name	Last Name	Department Number	Department Name	Leave Type	Start Time	End Time	Remark	Operation Time
1	Jerry	Wang	1	General	Casual Leave	2017-12-15 16:36:07	2017-12-15 16:36:07		2017-12-15 16:36:17
3	Leo	Hou	4	Financial Department	Marriage Leave	2017-12-15 18:38:48	2017-12-15 18:38:48		2017-12-15 18:38:53
5	Necol	Ye	2	Marketing Department	Annual Leave	2017-12-15 16:36:19	2017-12-15 16:36:19		2017-12-15 16:36:27
6	Amber	Lin	4	Financial Department	Sick Leave	2017-12-15 18:38:54	2017-12-15 18:38:54		2017-12-15 18:39:00
9	Lilian	Mei	3	Development Department	Breastfeeding Leave	2017-12-15 18:39:02	2017-12-15 18:39:02		2017-12-15 18:39:10

Leave Summary Report

ZKTECO
Leave Summary

Personnel ID	First Name	Last Name	Department Number	Department Name	Leave Type Statistics
1	Jerry	Wang	1	General	Casual Leave(1) Marriage Leave(0) Maternity Leave(0) Sick Leave(0) Annual Leave(0) Bereavement Leave(0) Breastfeeding Leave(0) Custom (0)
5	Necol	Ye	2	Marketing Department	Casual Leave(0) Marriage Leave(0) Maternity Leave(0) Sick Leave(0) Annual Leave(1) Bereavement Leave(0) Breastfeeding Leave(0) Custom (0)
9	Lilian	Mei	3	Development Department	Casual Leave(0) Marriage Leave(0) Maternity Leave(0) Sick Leave(0) Annual Leave(0) Bereavement Leave(0) Breastfeeding Leave(1) Custom (0)
3	Leo	Hou	4	Financial Department	Casual Leave(0) Marriage Leave(1) Maternity Leave(0) Sick Leave(0) Annual Leave(0)

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Time Shift Report

Name	Number	Shift Type	Unit	Cycle	Start Date	Cycle Shift in one Month
S1	1	Regular Shift	Week	3		No
fgfd	32432	Regular Shift	Week	1		No
test11	3	Regular Shift	Day	1	2019-10-21	Yes
0900-1800	2	Regular Shift	Week	1		No
hello	6	Regular Shift	Week	1		No
COMA Test	99	Regular Shift	Week	1		No
add	22	Regular Shift	Day	30	2019-12-02	Yes
2323	2323	Regular Shift	Day	10	2019-11-01	Yes

Timetable Report

Name	Number	Timetable Type	Check-In Start Time	Check-In Time	Check-Out Time	Check-Out End Time
Jessica1	1	Normal Timetable	19:00	20:00	05:00	05:00
Jessica2	2	Normal Timetable	08:00	10:00	14:00	19:00
test1	3	Normal Timetable	08:00	09:00	18:00	19:00
COMA Test	99	Normal Timetable	08:00	11:30	18:00	19:00

Elevator control report

ZKTECO
All Transactions

Time: 2017-09-18 00:00:00 - 2017-12-18 23:59:59

Time	Device	Event Point	Event Description	Personnel ID	First Name	Last Name	Card Number	Department	Reader Name	Verification Mode	Area	Remark
2017-12-15 10:35:43	192.168.218.65	192.168.218.65-8	Normal Punch Open	3	Leo	Hou	13260079	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:43	192.168.218.65	192.168.218.65-5	Normal Punch Open	3	Leo	Hou	13260079	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:43	192.168.218.65	192.168.218.65-9	Normal Punch Open	3	Leo	Hou	13260079	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:39	192.168.218.65	192.168.218.65-1	Normal Punch Open	1	Jerry	Wang	9505930	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:39	192.168.218.65	192.168.218.65-4	Normal Punch Open	1	Jerry	Wang	9505930	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:39	192.168.218.65	192.168.218.65-3	Normal Punch Open	1	Jerry	Wang	9505930	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:39	192.168.218.65	192.168.218.65-2	Normal Punch Open	1	Jerry	Wang	9505930	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:36	192.168.218.65	192.168.218.65-8	Normal Punch Open	2	Lucky	Tan	13271770	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:36	192.168.218.65	192.168.218.65-10	Normal Punch Open	2	Lucky	Tan	13271770	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:36	192.168.218.65	192.168.218.65-9	Normal Punch Open	2	Lucky	Tan	13271770	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:36	192.168.218.65	192.168.218.65-7	Normal Punch Open	2	Lucky	Tan	13271770	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:31	192.168.218.65	192.168.218.65-6	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:31	192.168.218.65	192.168.218.65-8	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:31	192.168.218.65	192.168.218.65-7	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:35:31	192.168.218.65	192.168.218.65-5	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:32:51	192.168.218.65	192.168.218.65-5	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:32:51	192.168.218.65	192.168.218.65-8	Normal Punch Open	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:32:51	192.168.218.65	192.168.218.65-6	Normal Punch	2940	Sherry	Yang	4461253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	

Created on: 2017-12-18 15:01:27

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Guest Check-in Report

First Name	Last Name	Document Type	Document No.	Card Number	Check-In Time	Check-Out Time	Checkin Type	Room Name	Room Type
ggee	Homles	ID	5544	1314663276	2020-02-21 13:34:44	2020-02-21 13:40:48	Daily Rate Room	Hotel A81003	single
amily	das	ID	222222	1847505206	2020-01-08 09:34:35	2020-04-09 12:00:00	Daily Rate Room	1102	Normal
kaka	He	ID	331	1810444243	2019-11-13 13:54:01	2020-06-16 12:00:00	Daily Rate Room	331	Sigle Room
jerry	Hong	ID	123	1810563731	2020-01-09 20:05:09	2020-04-09 12:00:00	Daily Rate Room	A11651001	family room
susan	Ye	ID	36	1314663276	2020-01-17 16:54:35	2020-04-09 12:00:00	Daily Rate Room	A11651004	?
lucy	LIU	ID	123	1810563731	2020-02-20 16:59:29	2020-02-20 17:03:27	Daily Rate Room	Hotel A81003	single
aaron	Feng	Driver License	123456	4223039653	2020-03-10 18:50:39	2020-03-10 18:54:25	Daily Rate Room	1101	Normal
alin	Kora	ID	66	2330955198	2020-01-09 20:07:26	2020-04-09 12:00:00	Daily Rate Room	A11651002	double room
test	Test	ID	123456	1810563731	2020-02-20 16:43:45	2020-02-20 16:55:12	Daily Rate Room	Hotel A81001	single
Mia	Xie	ID	666	1314663276	2020-02-21 13:41:14	2020-02-21 13:41:57	Daily Rate Room	Hotel A81003	single

Visitor History Record

Visitor Code	First Name	Last Name	Company	Visit Reason	Host Number	Host First Name	Host Last Name	Visit Status	Card Number	Enter Time	Entrance	Exit Time	Exit Place	Carrying Goods In	Carrying Goods Out
80000061	ge	Hong	ZKTeco	Visit	202003275	M/ ORGANIZACION NOMBRE 2		Check-Out	666666	2020-03-31 10:07: 59	1111	2020-04-01 02:00: 00	Server	PC	PC
80000060	erere	mary	ZKTeco-Th	Visit	120386	IMAM	SETIAWAN	Check-Out	54353	2020-03-27 15:16: 07	1111	2020-03-28 02:00: 00		Camera	Camera
80000042	1212323			Visit	67327	67327		Check-Out	32304049	2020-03-23 11:00: 34	1111	2020-03-24 02:00: 01	Server		
80000057	112213	bruce	Company	Visit	120386	IMAM	SETIAWAN	Check-Out		2020-03-13 16:15: 35	51	2020-03-13 16:15: 40	51	IPAD	IPAD
80000056	112212			Visit	120386	IMAM	SETIAWAN	Check-Out		2020-03-13 16:14: 09	51	2020-03-13 16:14: 27	51	Notebook	Notebook
80000056	112212	Hu	A	Visit	120386	IMAM	SETIAWAN	Check-Out		2020-03-13 16:13: 43	51	2020-03-13 16:13: 54	51	Kindle	Kindle
80000052	da	Hellen		Visit	1190183	Fox		Check-Out	31109734	2020-03-11 11:58: 26	1111	2020-03-12 02:00: 02			
80000051	fasda		HOK	Visit	1190183	Fox		Check-Out	31103166	2020-03-11 11:19: 09	1111	2020-03-12 02:00: 02	Server	Camera card	Camera card
80000049	YNHNY	Test		Visit				Check-Out	31104836	2020-03-11 02:42: 34	1111	2020-03-12 02:00: 02			
80000048	asasS	Yang	ZKTeco-EU	Visit				Check-Out	31108265	2020-03-11 02:39: 29	1111	2020-03-12 02:00: 02	Server		

Patrol Guard Transaction Record

Time: 2017-09-15 00 : 00 : 00 - 2017-12-15 23 : 59 : 59

Time	Device Name	Personnel ID	First Name	Last Name	Card Number	Device Module	Route Name	Checkpoint	Verification Mode	Area Name	Remark
2017-12-15 13:53:51	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 13:53:51	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:49	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:48	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 13:53:46	192.168.218.60	7	Jacky	Xiang	6323994	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:46	192.168.218.60	7	Jacky	Xiang	6323994	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:18	192.168.218.60	8	Glori	Liu	6189166	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:17	192.168.218.60	8	Glori	Liu	6189166	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:15	192.168.218.60	7	Jacky	Xiang	6323994	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:14	192.168.218.60	7	Jacky	Xiang	6323994	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:10	192.168.218.60	5	Necol	Ye	13260079	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:10	192.168.218.60	5	Necol	Ye	13260079	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:09	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:07	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:53:48	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:53:47	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:53:44	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:53:	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	

Created on: 2017-12-15 18:45:34

Patrol Record by Day

Time	Device Name	Personnel ID	First Name	Last Name	Card Number	Device Module	Route Name	Checkpoint	Verification Mode	Area Name	Remark
2017-12-15 13:53:51	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 13:53:51	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:49	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:48	192.168.218.60	8	Glori	Liu	6189166	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 13:53:46	192.168.218.60	7	Jacky	Xiang	6323994	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-15 13:53:46	192.168.218.60	7	Jacky	Xiang	6323994	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:18	192.168.218.60	8	Glori	Liu	6189166	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:17	192.168.218.60	8	Glori	Liu	6189166	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:15	192.168.218.60	7	Jacky	Xiang	6323994	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:14	192.168.218.60	7	Jacky	Xiang	6323994	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:10	192.168.218.60	5	Necol	Ye	13260079	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:54:10	192.168.218.60	5	Necol	Ye	13260079	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:08	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:54:07	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:53:48	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:53:47	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-15 11:53:44	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-15 11:53:43	192.168.218.60	2	Lucky	Tan	6155266	Access	route1	checkpoint2	Only Card	Area Name	

Created on: 2017-12-15 18:45:48

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Operation Log Record

Operation User	Operation Time	Operation IP	Module	Operating Object	Operation Type	Operation Content	Result
admin	2020-04-09 09:43:23	172.31.1.10	Attendance	Leave Type	Export	Export	Succeed
admin	2020-04-09 09:41:34	172.31.1.10	Attendance	Timetable	Export	Export	Succeed
admin	2020-04-09 09:39:42	172.31.1.10	Attendance	Shift	Export	Export	Succeed
admin	2020-04-09 09:37:17	172.31.1.10	Attendance	Shift	Export	Export	Succeed
admin	2020-04-09 09:34:25	172.31.1.10	Attendance	Daily Attendance	Export	Export	Succeed
admin	2020-04-09 09:27:10	172.31.1.10	System	User	Login	Login	Succeed
admin	2020-04-09 09:14:31	172.31.1.10	Attendance	Rule	Edit	Edit	Succeed
admin	2020-04-09 09:12:58	172.31.1.10	System	User	Login	Login	Succeed
admin	2020-04-09 05:56:56	172.31.1.10	System	User	Login	Login	Succeed
admin	2020-04-09 05:26:46	172.31.1.10	System	User	Login	Login	Succeed
admin	2020-04-09 05:20:20	172.31.1.10	System	User	Login	Login	Failed
admin	2020-04-09 05:20:20	172.31.1.10	System	User	Login	Login	Failed
admin	2020-04-09 05:20:20	172.31.1.10	System	User	Login	Login	Failed
admin	2020-04-09 05:20:19	172.31.1.10	System	User	Login	Login	Failed
admin	2020-04-09 05:20:19	172.31.1.10	System	User	Login	Login	Failed



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 sales@zkteco.eu