

ZKBioSecurity

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



**iOS & Android
App**



Personnel



Access



Attendance



Consumption



Elevator



Hotel



Visitor



Parking



Guard Patrol



Video Linkage



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



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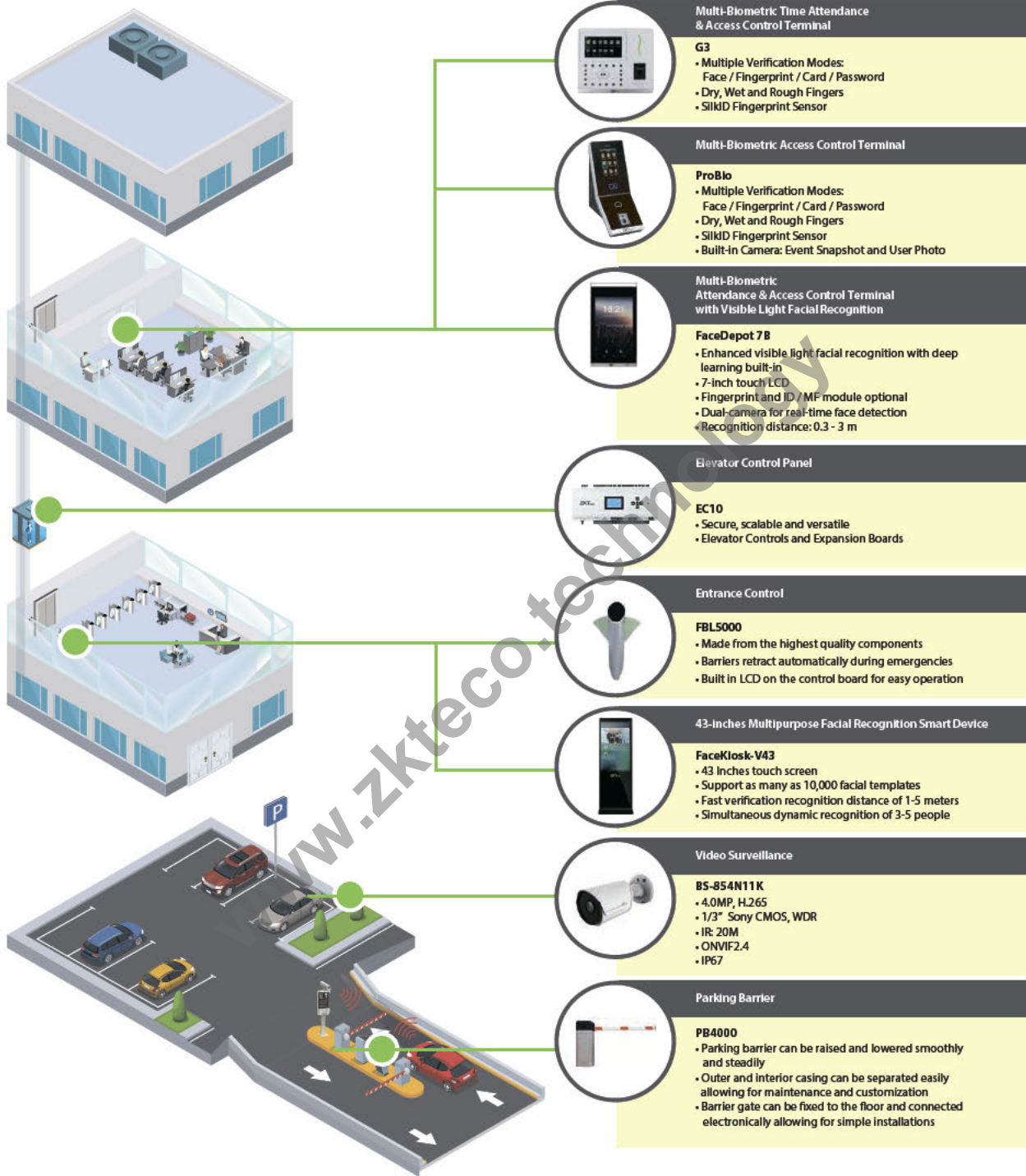
Guard Patrol



Video Linkage

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

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



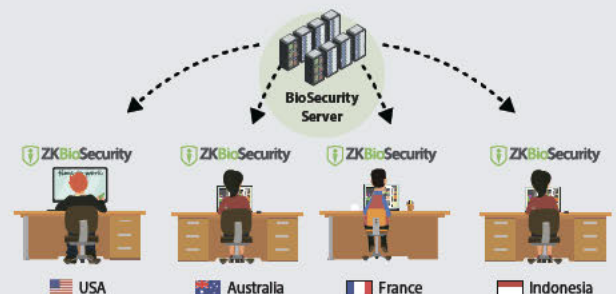
Web Based All-In-One Software



Professional Security Software

ZKBioSecurity

- All-In-One solution (Access control, time attendance, patrol, hotel, video surveillance, elevator and visitor)
- Simple structure and smooth workflow
- Multi-door management capacity (Up to 2,000 doors in single server and 8,000 doors in multi-server)



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

- Global Scale All-in-One Web-Based Security Platform.
- Supports thousands of doors and T&A terminals.
- Reliable and high speed industrial grade encrypted communication.
- Advanced Access Control Functions (Global Linkage, Global Anti-Passback, Global Interlock, etc...).
- Supports ZKBioHA high availability system, to ensure 24/7 continuity system operation.
- Compatible with 3rd party IPC/ NVR/ DVR via industry standard Onvif.
- Automatically scheduled Data Backup.
- Alarms and Events Notification (system monitor, email, SMS).
- Thorough and detailed system log monitoring system.
- Supports Multi-modal biometric authentication (Fingerprint, Face, Finger Vein) and various PROX card formats (EM, Mifare, HID, Desfire etc...).
- Supports Card Printing with 3rd Party card printer.
- Supports Multi-location management.
- ZKBioSecurity Mobile App supports iOS and Android platform.



ZKBioSecurity

ZKBioSecurity is the ultimate "All-in-One" solution which offers a complete security management platform, it comes with 10 integrated modules.



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• Personnel

Personnel primarily consists of two parts: Department Management settings, which is used to set the Company's organizational chart; and Personnel Management settings, which is used to input personnel information, assign departments and sub-departments (more than 10 levels), maintain and manage personnel information and setting.

• Access Control

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

• Time & Attendance

As an "All in One" security platform, the ZKBioSecurity contains a web-based time attendance module. Administrators can manage the Time Attendance anywhere once they can access to the Internet. Moreover, this is an powerful Time Attendance system, which can handle most of the complicated time attendance circumstance, such as, flexible shifts, multi-level OT, cross day shift and online leave application with multi-level approval.

• Consumption Management

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, bars, etc. ZKBioSecurity consumption module helps staffs to complete their tasks efficiently in line with their operational style and business.

- **Elevator**

Elevator Control is designed to control the elevator access authentication, to manage access rights (using RFID card, Fingerprint, and other biometric technology) to different floors and supervise elevator events. Administration can set floor level for the registered user 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.

- **Hotel Management**

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

- **Visitor**

Visitor Module is a web-based management system that implements entry registration, exit registration, snapshot capturing, visitor quantity statistics, reservation management and shares information among registration sites. Integrated with the access control and elevator control module, it is used at the reception desks and gates to manage visitors.

- **Parking Management**

Automatic and intelligent vehicle management effectively and accurately monitors and manages vehicles at all exits and entrances.

- **Guard Patrol**

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.

- **Video Management System**

Video Management System (VMS) is fully integrated with ZKBioSecurity (ZKTeco's All-in-One Security Platform) which greatly extends its video linkage functions to another new height. Most of the intelligent video functions including object detection, area detection and line crossing alert can easily be applied to access control system. Moreover, the interface of ZKBioSecurity video module has also been modified to fit into the VMS's interface for seamless communication, thus all settings, configurations and monitoring can be performed in ZKBioSecurity.

- **System Management**

System Management is designed to assign system users, configure the corresponding modules, manage the database, set system parameters and manage the system operation logs.

Highlight 1: Web Based Access Control and Time attendance Software

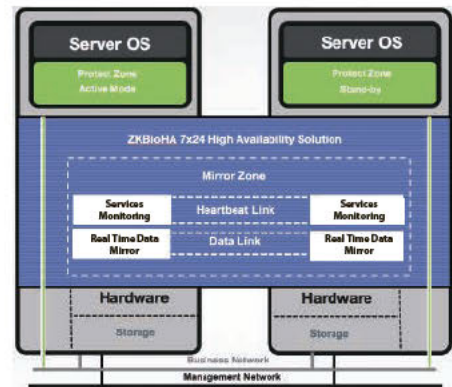
Users can access the centralized system anywhere by their web browser to remotely manage thousands of standalone terminals and controllers under wide area network (WAN).



Highlight 2: Highly Integrated with ZKBioHA – Continuous Service Guaranteed 24/7

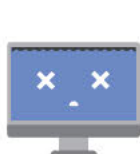
• What is BioHA

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.



Computer Crash



Software Bugs



Cyber Attacks



Broken Connections



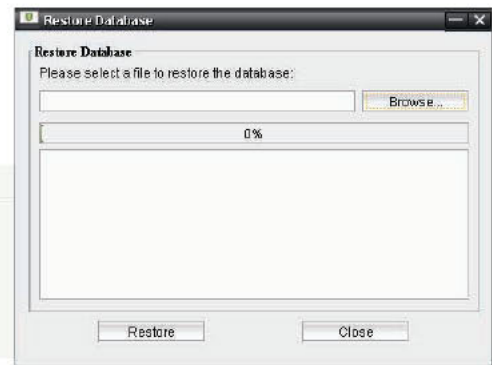
Power Failure

Highlight 3: Backup

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

Username	Start Time	Database Version	Backup Immediately	Backup Status
admin	2018-01-19 18:00:02	3.1.0.0		
admin	2018-01-19 18:27:10	3.1.0.0		
admin	2018-01-26 18:00:02	3.1.0.0		
admin	2018-02-02 18:00:02	3.1.0.0		
admin	2018-02-09 18:00:02	3.1.0.0		

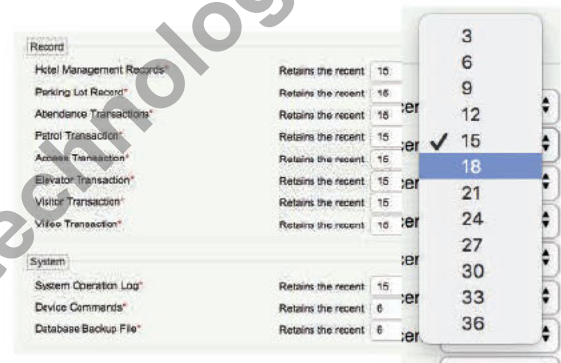
Backup Database



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.



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 notifications automatically to designated recipients. For example, if the door is opened forcefully, notification email will be sent to the administrators; if the employees have abnormal attendance records, email will be sent to the administrators.

Sender	Receiver	Subject	Submit Time	Send Time	Status	Error Message
poppy.xiao@zkteco.com	poppy.xiao@zkteco.com	abnormal attendance	2018-02-09 20:30:01	2018-02-09 20:30:01	Successful	success
poppy.xiao@zkteco.com	poppy.xiao@zkteco.com	abnormal attendance	2018-02-09 19:30:01	2018-02-09 19:30:01	Successful	success
poppy.xiao@zkteco.com	poppy.xiao@zkteco.com	abnormal attendance	2018-02-09 17:30:01	2018-02-09 17:30:01	Successful	success
poppy.xiao@zkteco.com	poppy.xiao@zkteco.com	abnormal attendance	2018-02-09 16:30:01	2018-02-09 16:30:01	Successful	success

Highlight 7: Operation Log

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

Operation User: Operation Time From: To: More  

The current query conditions: None

 Refresh  Export

Operation User	Operation Time	Operation IP	Module	Operating Object	Operation Type	Operation Content	Result
admin	2017-11-30 14:52:36	192.168.191.253	System	User	Login	Login	
admin	2017-11-30 14:11:21	192.168.191.253	System	User	Login	Login	
admin	2017-11-30 12:59:12	192.168.191.253	System	User	Logout	Logout	
admin	2017-11-30 12:40:07	192.168.191.253	System	User	Login	Login	
admin	2017-11-30 11:51:46	192.168.191.253	System	User	Login	Login	
admin	2017-11-30 11:51:42	192.168.191.253	System	User	Login	Login	
admin	2017-11-30 11:46:40	192.168.191.253	System	User	Login	Login	
admin	2017-11-30 10:33:28	192.168.191.253	System	User	Login	Login	
admin	2017-11-30 03:46:43	192.168.191.253	System	User	Login	Login	
admin	2017-11-29 18:27:40	192.168.191.253	System	User	Login	Login	
admin	2017-11-29 18:05:23	192.168.191.253	System	User	Login	Login	
admin	2017-11-29 17:15:17	192.168.191.253	System	User	Login	Login	

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: Advanced DESFire card Management

• High Security Level

DESFire credentials are among the most secure RFID credentials in existence. There is no recorded case of a DESFire credentials being successfully copied or beaten. It is the perfect fit for high security areas

• Enhanced Security by distribution code

DESFire credentials can be given a unique distribution code for enhanced security. DESFire cards cannot be copied without this unique distribution code.

• Flexible distribution code management

The distribution code is managed by the ZKBioSecurity software. No extra hardware is needed for this function.

• Supports Online firmware upgrade

With its new RS485 communications protocol DESFires credential readers support online upgrades for rapidly reduced on-going maintenance cost.



Highlight 11: 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 fingerprint or facial verification. 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.



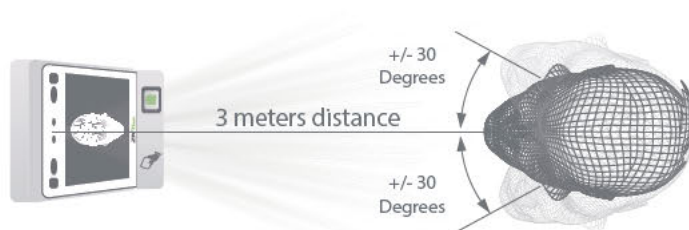
With ZKTeco Visible Light Recognition, users and visitors are now able to quickly finish verification and directly enter the controlled area once the verification is completed.



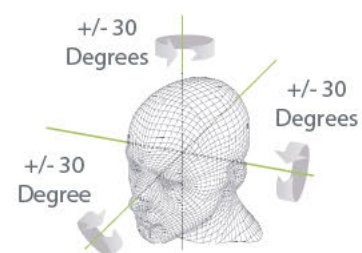
If the person is not allowed to access the area, or the verification is failed, the lock will remain locked.

Recognition distance 3m long and extra wide angle recognition

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.



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





Module Features



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Video Linkage



Personnel

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 most PROX card formats, such as: EM, MiFare, DesFire EV1, Desfire EV2, Legic, HID Proximity, HID iClass, Felica, Type B, ... etc.



Statistics

ZKBioSecurity has an overview function for viewing the number of personnel, the number of fingerprint templates, facial template, finger vein template, card number, gender and other statistical information.



Statistical Type	Current Total
Male	0
Female	0
Personnel Quantity	2
Fingerprint Quantity	0
Face Quantity	0
Finger Vein Quantity	0
Number of cards held	0

Close

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.)

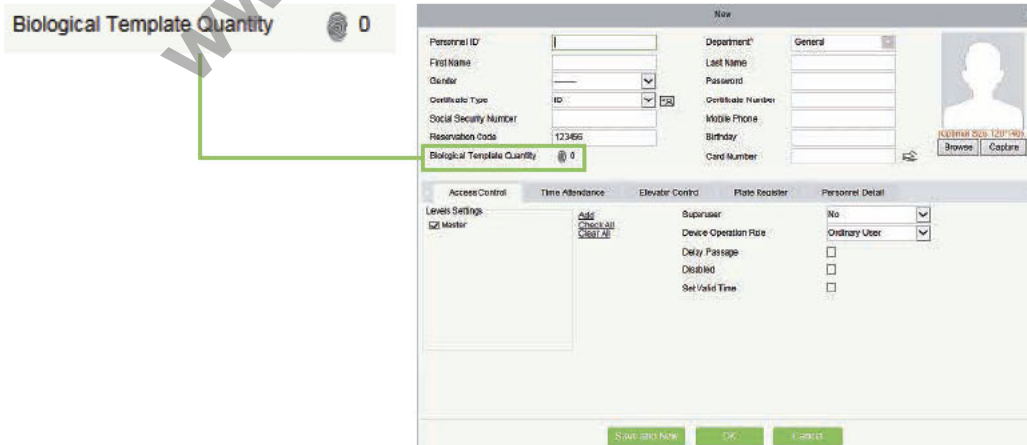
ZKBioSecurity supports various kinds of biometric verifications, such as, fingerprint, finger vein, PROX card, which submitted data will be recorded by ZKBioSecurity.

Face Recognition

Finger Vein Recognition

Finger Print Recognition

EM Card Recognition



Biological Template Quantity 0

New

Personnel ID:
 First Name:
 Gender:
 Certificate Type:
 Social Security Number:
 Reservation Code: 123456
 Biological Template Quantity: 0

Department:
 Last Name:
 Password:
 Certificate Number:
 Mobile Phone:
 Birthday:
 Card Number:

Access Control: ☐ Master
 Time Attendance: ☐ Add, ☐ Check All, ☐ Set All
 Elevator Control: ☐ Supervisor, ☐ Device Operation Role, ☐ Delay Passage, ☐ Disabled, ☐ Set Valid Time
 Photo Recorder: ☐ No, ☐ Ordinary User
 Personnel Detail: ☐ No, ☐ Ordinary User

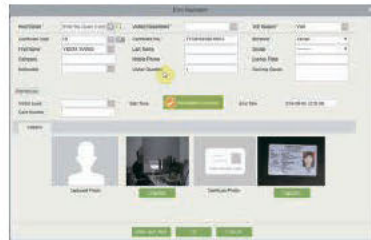
Save and New OK Cancel

High-speed Portable HD Doc Scanner Supports

User's Information Capturing + Passport Photo + OCR Recognition

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

• Passport Photo + OCR Recognition



OCR function automatically reads identity document

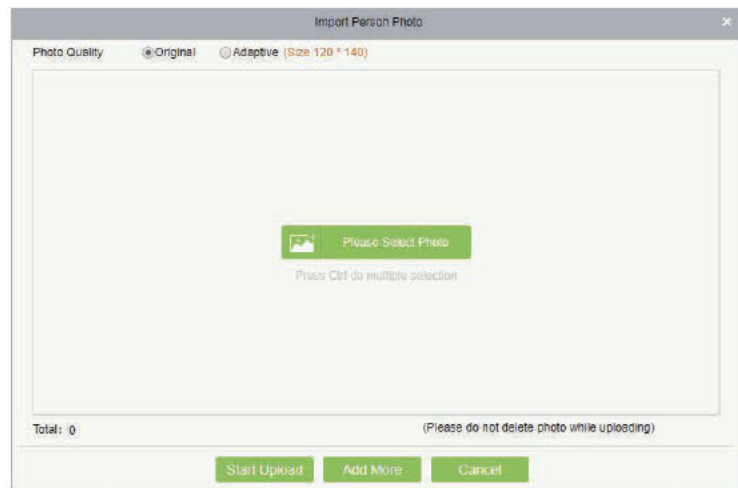
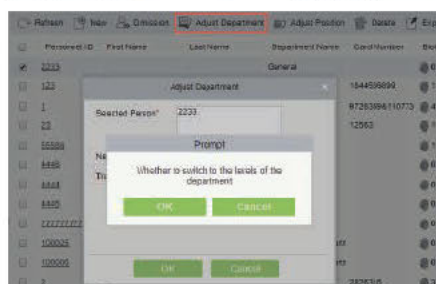
• User's Portrait Capturing or Uploaded from the local PC



One-click capture of employees' portrait image

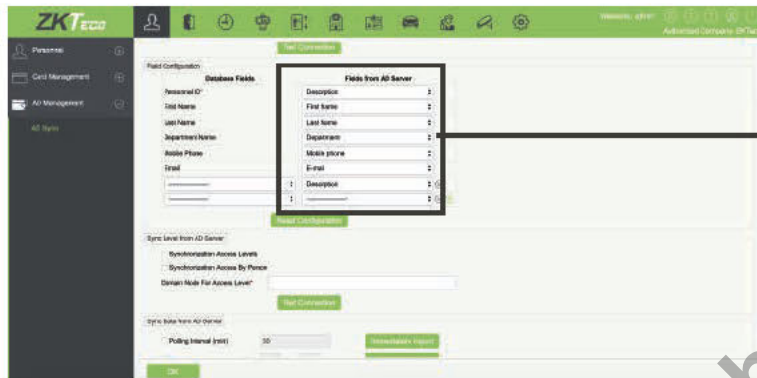
Batch import & export photos

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



Active Directory with the database field

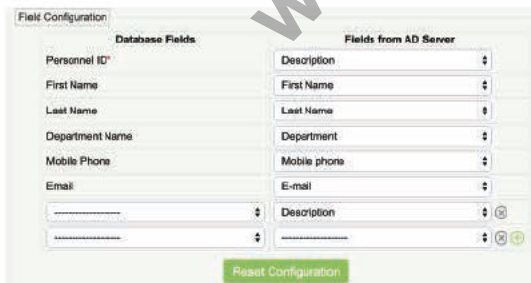
User can call different fields from the AD Sever to map with the database fields, ZKBioSecurity almost opens all the field options that are available.



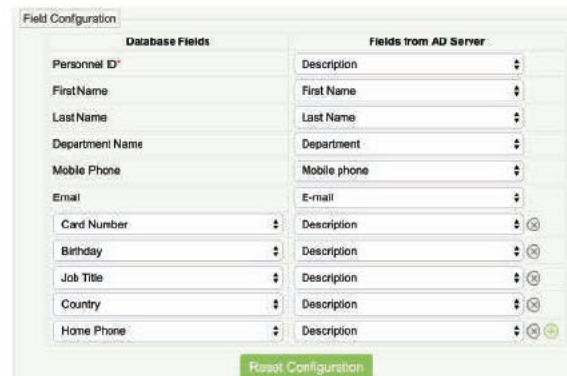
User can choose different fields up to user's decision ▶



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 database fields and AD sever fields.



▲ Users can add their custom fields



▲ Max support 5 extra custom fields

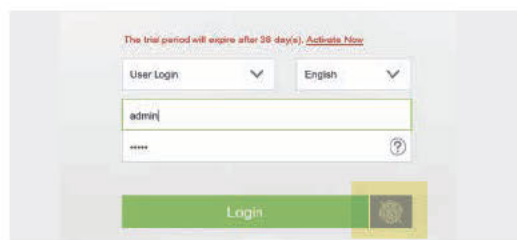
Support Multi Language

ZKBioSecurity, the ultimate "all-in-one" web-based security platform developed by ZKTeco, can now support up to 10 language packs. The new language packs include Arabic, English, French, German, Indonesian, Italian, Japanese, Korean, Polish, Portuguese, Romanian, Russian, Spanish, Thai, Traditional Chinese and Vietnamese



Fingerprint Login

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 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.



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

▲ Synchronize the "new added" info from other AD, and user can setup the synchronizing schedule (from 0 (real time) 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)

User can also set information categories that need to be synchronized. Synchronizing the "New Added" information from other AD sever, and schedule up the syncing schedule from real time to max. 59 mins. Synchronizing all information from AD server every time, and schedule how frequent the will be synchronized once, from 1 day to Max.28 days

Sync Level from AD Server

☐ Synchronization Access Levels
 ☐ Synchronization Access By Person

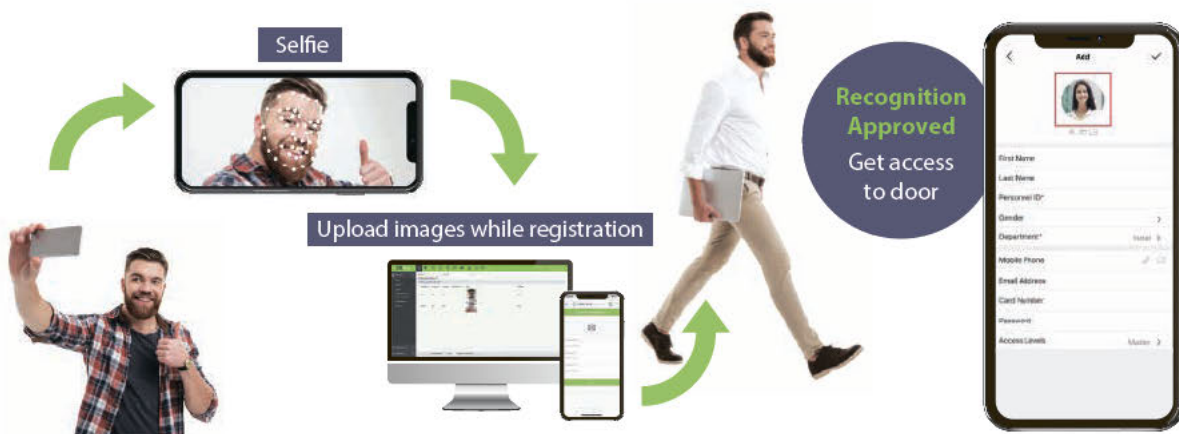
Domain Node For Access Level*

▲ It can synchronize the access level from another AD (Active directory)

▲ It can synchronize personnel with access level from other AD (Active directory)

Supports Mobile App Personnel Photo as Visible Light Facial Recognition Registration

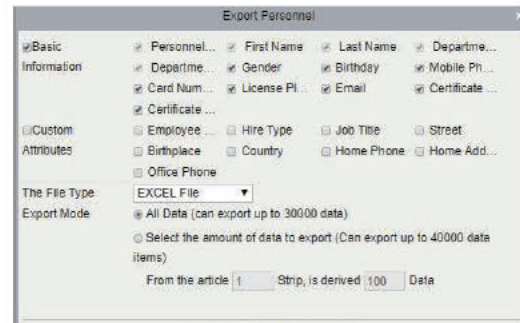
When using BioSecurity Mobile App, when personnel sets a profile picture in the App, that profile picture will be used as the visible light facial recognition template.



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.

Selected item can be Personal; First Name; Last Name; Department; Gender; Birthday; Mobile Number; Employee Card Number, License Plate Number; Email; Certificate Type; Certificate No...etc.



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

Photo Importing to system

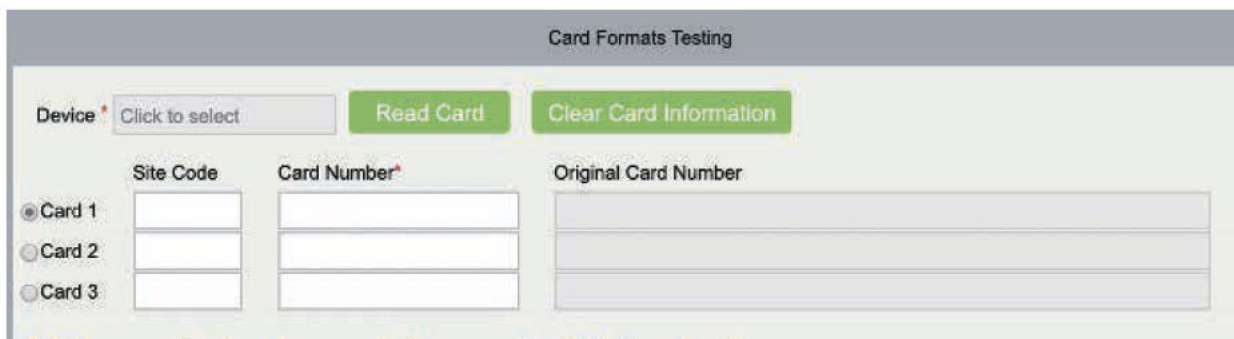
ZKBioSecurity allows admin to import employees' photo by single or compress package. Maximum 3000 JPEG can be uploaded each time, and it would be efficient for users to import a batch of picture into the system.



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.



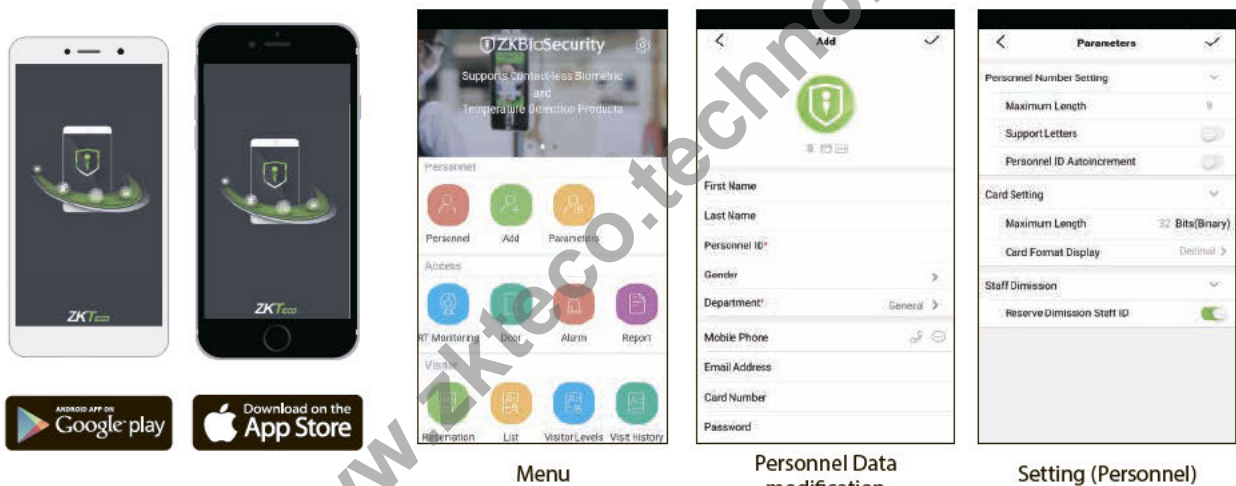
Report

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.



Supports iOS and Android App

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

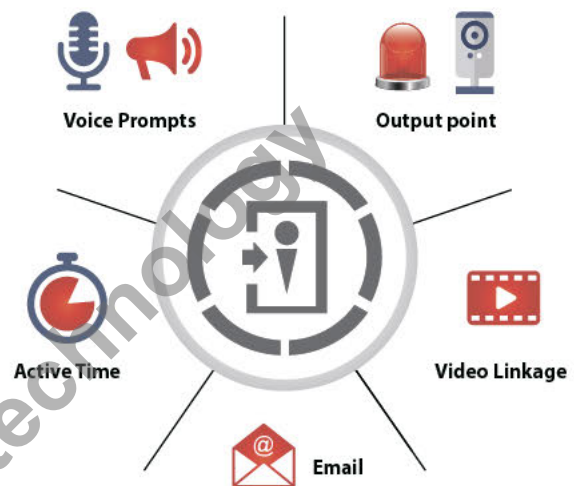
Access Control Module

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 notifications 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. These linkages can be activated by various events with different access levels, invalid cards, unrecognized fingerprints and motion detection might trigger correlated outputs (Alarm, IP Camera ...etc.).



Video Linkage

Photo capture, video recording and Pop-up video to warn administrators, when exceptional events take place, such as, Duress Finger / Card triggered, blacklist users, door open forcefully and illegal time zone access, etc. Moreover, the video could include footage before the events occur. Video footage length could be up to 180 seconds.



Active Time

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



Email Notification

Email notification allows the system automatically send out email to notice administrators once specific 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

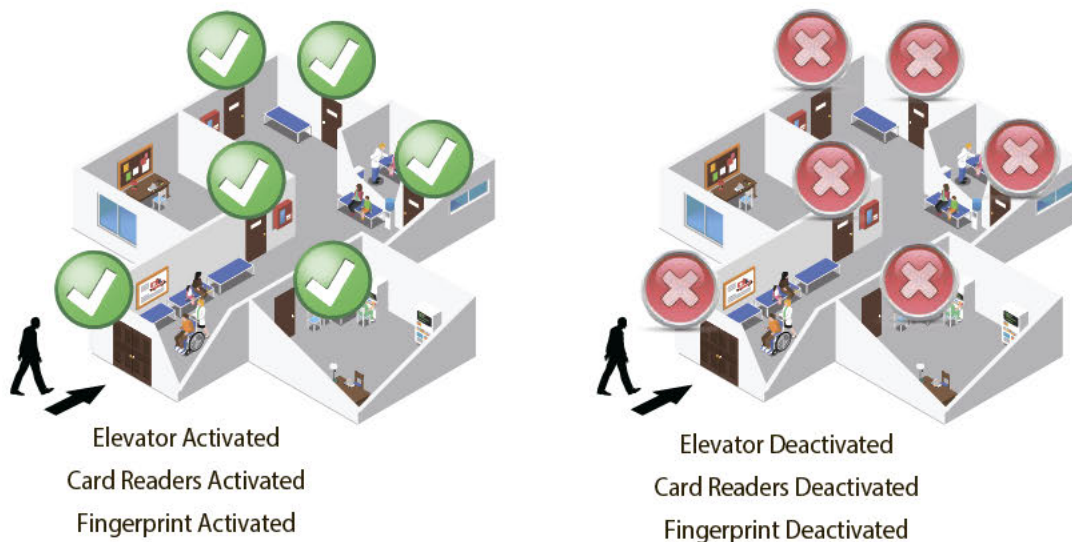
Anti-Passback is designed to prevent authorized and/or unauthorized personnel from entering and exiting an area without presenting proper credentials (i.e. tailgating). This security function eliminates users from sharing an access card or password and having several users accessing with the same credentials.

When a person enters a controlled area without authentication, as the red-coloured person in the image below, 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.



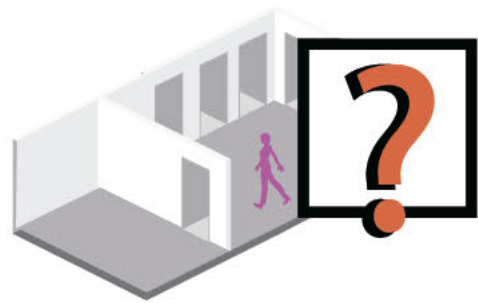
Global Interlock

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



John Wilkinson is Inside the Area A

Personnel ID: First Name: Last Name: More

The current query conditions: None

☒ All ☐ Area A

Personnel ID	First Name	Last Name	Department	Card Number	Last Access Time	Last Access Read
018964	John	Wilkinson	Account	015635	5:00pm	

Access Limitation

Allows administration the ability to limit the number of people in a limited space. 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. With its cutting edge multi-level E-map structure, administrators can simultaneously monitor multi-levels / areas events.



Access Control Time Zone (Card/ Fingerprint)

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.



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
Auxiliary Input-1	210.27.0.1	1	IN1
Auxiliary Input-1	192.168.217.221	1	IN1
Auxiliary Input-2	192.168.217.221	2	IN2
Auxiliary Input-3	192.168.217.221	3	IN3
Auxiliary Input-4	192.168.217.221	4	IN4

Name	Device Name	Number	Printed Name
Auxiliary Output-1	210.27.0.1	1	OUT1
Auxiliary Output-1	192.168.217.221	1	OUT1
Auxiliary Output-2	192.168.217.221	2	OUT2
Auxiliary Output-3	192.168.217.221	3	OUT3
Auxiliary Output-4	192.168.217.221	4	OUT4

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. 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 LCD screen.



LED / LCD display to show who is inside the specific area



LED Display



LCD Display

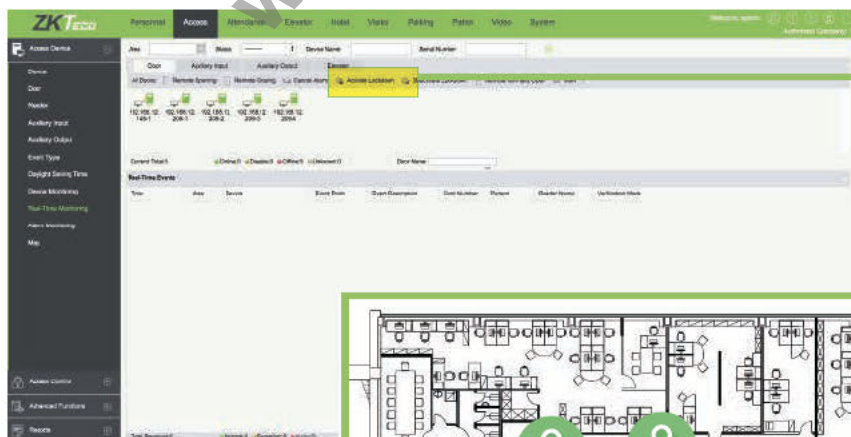
Real Time Monitoring

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.

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

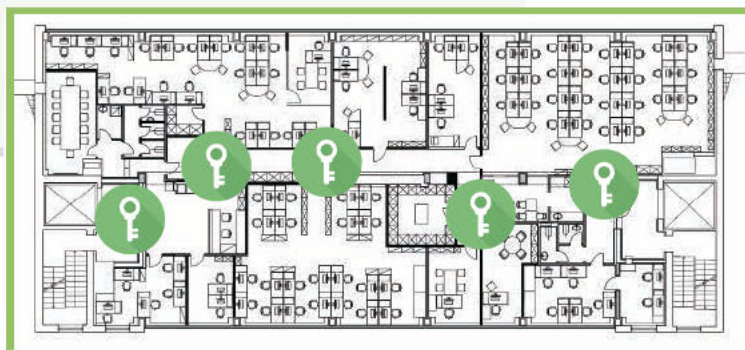
Remote Lock-Down

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.



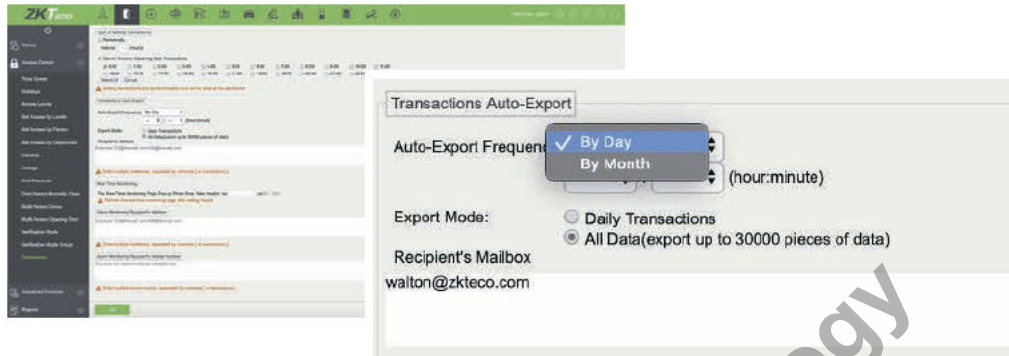
Activate Lockdown

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



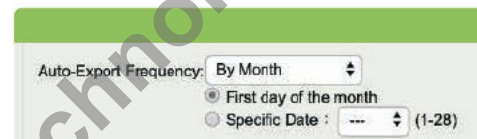
Transaction Auto-Export

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 option:

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



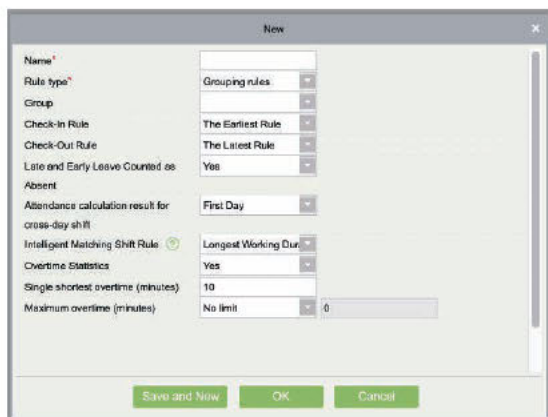
By Month option:

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. 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".



Video Intercom

ZKBioSecurity offers convenient yet efficient method of remote communication and door unlock for better access control security and user experience. With ZKBioSecurity software connected with ZKTeco's Access Control Devices with Cameras, users are able to instantly be noticed with visitors' identity and can talk with them and grant access to them with only one click on web-page dialog window.

Features of Video Intercom Solution

- **Two-way Audio Talk**

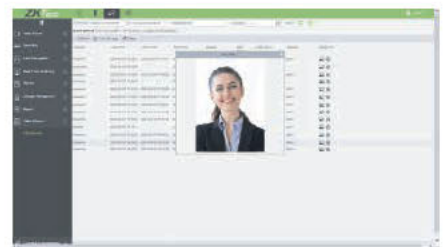
ZKBioSecurity enables visitors to call from the door, and the management end can have video calls through web page with the visitors.



- **Real-Time Capture and Record**

In case the management end receives a call, they can capture real-time images of the caller while the device is in in-call status.

ZKBioSecurity enables recording of video calls and conversations with high quality with video call recorder, you can easily record every video from the caller save it to your server.

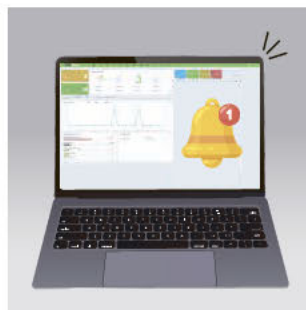


How it works

ZKBioSecurity supports connection with electric lock through access control. With remote lock function, users just need to press unlock button in the ZKBioSecurity, the door will remotely be unlocked to let visitor in.



ZKTeco Visible Light Facial Recognition Terminal recognizes visitors



Terminal captures face images and notify users' computer



Users speak with visitors through video door phone instantly anywhere



Remote door unlock by users

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

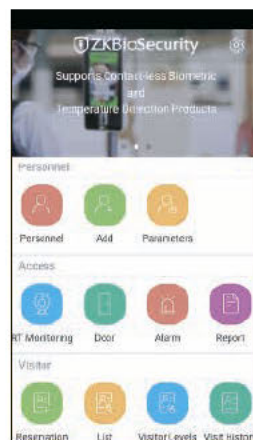
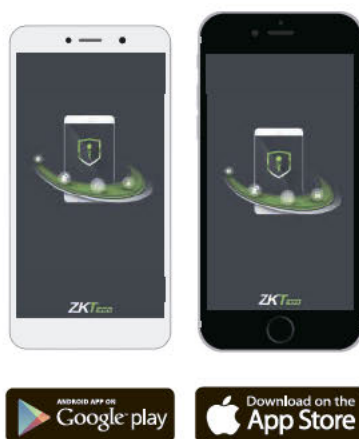
Report

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

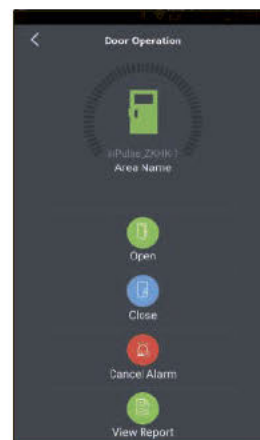


Supports iOS and Android App

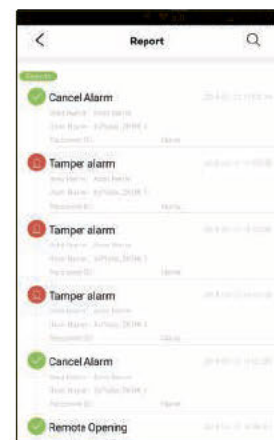
Offers real-time access control records, users are able to check particular door access control records simply by logging in on mobile phones, and may check alarm records in alarm page and may perform positioning of alarm locations for the convenience to track accidents. ZKBioSecurity also supports remote door opening and closing, users may perform remote door control with a few simple clicks on their phones.



Menu



Door Operation



Report (Access)

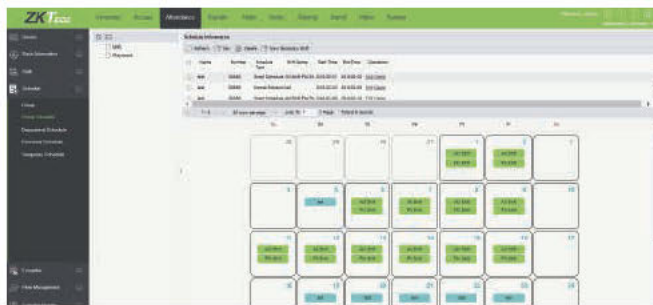
* Users may download ZKBioSecurity App via App Store on iOS or Google Play Store on Android

Time & Attendance

As an "All in One" security platform, the ZKBioSecurity contains a web-based time & attendance module. Administrators can manage the Time & Attendance module from anywhere they have access to the Internet. Moreover, this is a powerful time & Attendance system, which can handle most of the complicated time & attendance circumstance, such as, flexible shifts, multi-level OT, cross day shift and online leave application with multi-level approval.



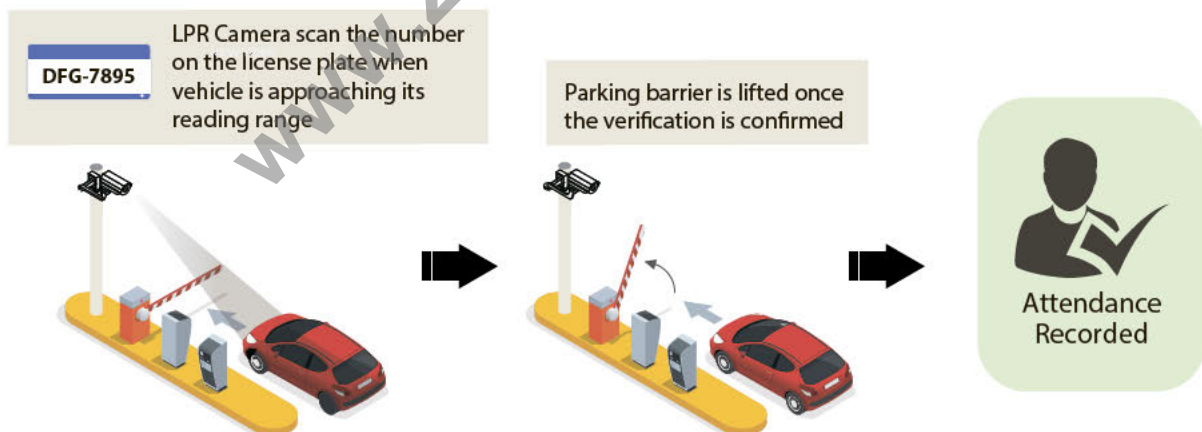
Flexible Group Scheduling



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.

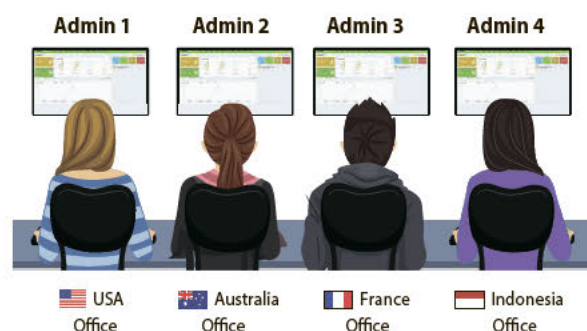
Access Control and LPR Attendance Tracking

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.



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)



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.



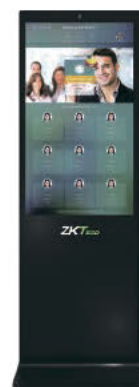
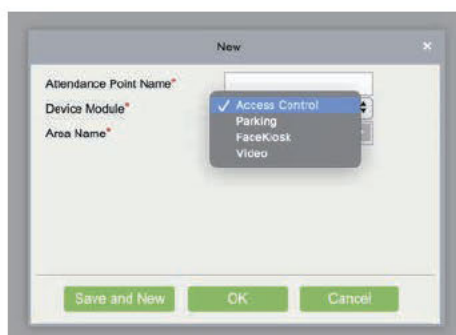
Merge with the 3rd Party HR Management

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.



Flexible Shift Scheduling

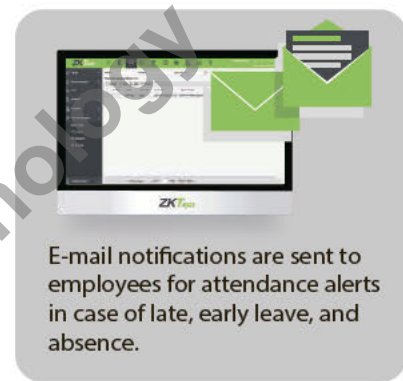
There are different T&A shift requirements in different industries, some of them are subject to chaos situation, such as, retail, F&B and patrol guard, a shift management with flexibility is essential for their operation management.

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.

Set Attendance by Area

Set Attendance by Person

Report

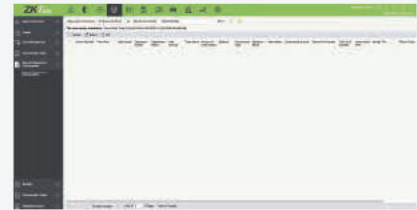
Attendance Module supports to generate reports for administrators, such as, Daily Report, Leave Summary, Monthly Detail, Monthly Statistical, Department Report, etc.

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



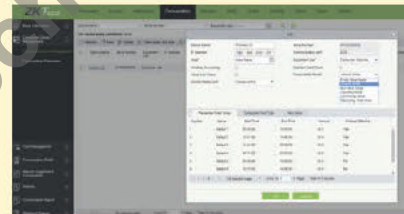
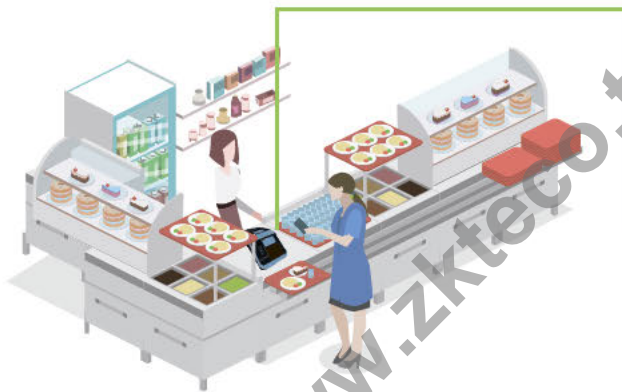
Consumption Management

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

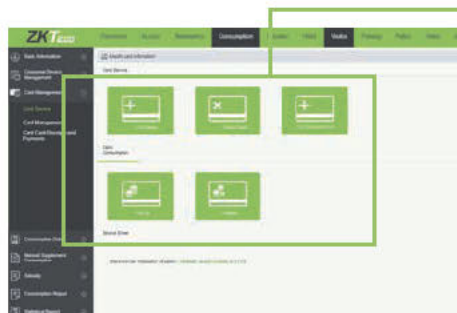


Consumption mode

- 1) Fixed value mode
- 2) Amount mode
- 3) Key value mode
- 4) Counting mode
- 5) Commodity mode
- 6) 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.



Card Service

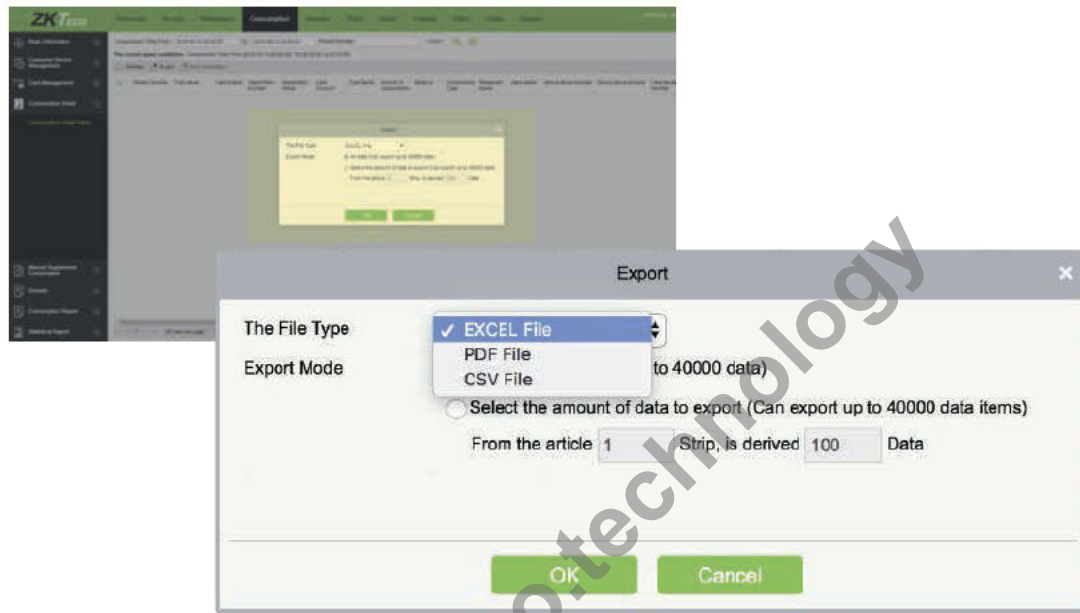


Consumption service



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. With the ZKBioSecurity's consumption module, you can offer special prices to specific categories of customers or companies.

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

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.



ProMerc-10



ProMerc-20

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

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.



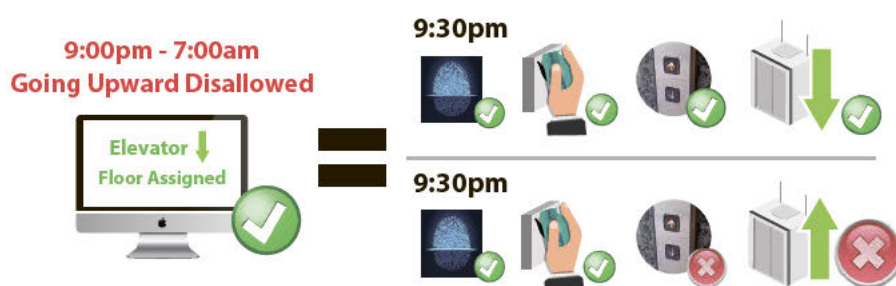
Global Linkage

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

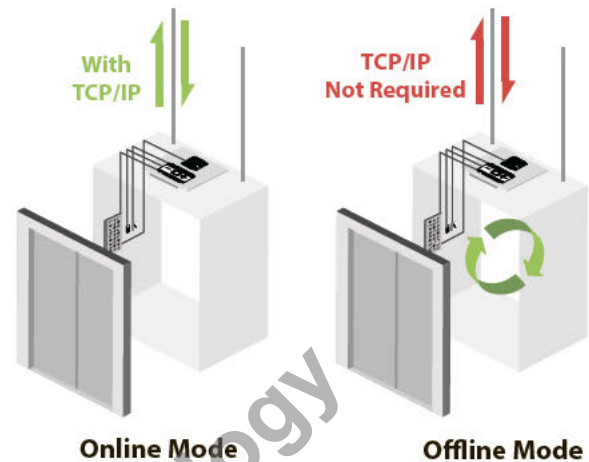


Online Mode/ Offline Mode

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.



Elevator



Hotel



Visitor



Video

Report

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



Hotel Management

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	2018-09-12	2018-09-13	2018-09-14	2018-09-15	2018-09-16	2018-09-17	2018-09-18	2018-09-19	2018-09-20	2018-09-21	2018-09-22	2018-09-23	2018-09-24	2018-09-25	2018-09-26
A101 VP	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A102 VP	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A103 VP	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A104 VP	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A105 VP	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A106 VP	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A107 VP	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A108 VP	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A109 VP	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A201 single room	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A202 single room	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A203 single room	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
A204 single room	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available



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. 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, the new card will replace the old card and delete the old card access right at the same time.



Lost the card



New card
replace the old card



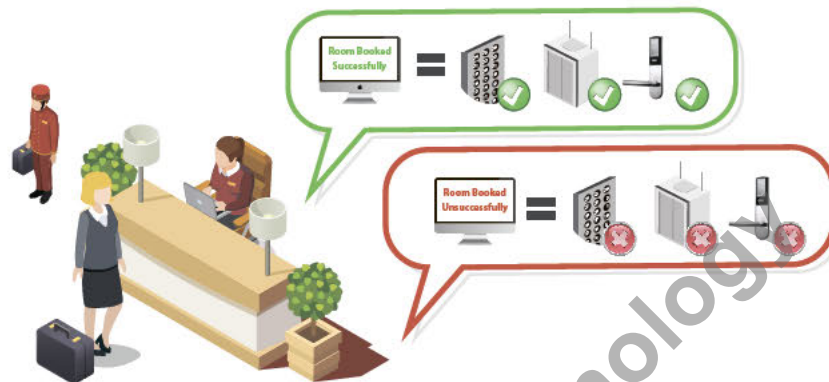
Swipe the new card
on the right door



Lost card data will be removed
automatically

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



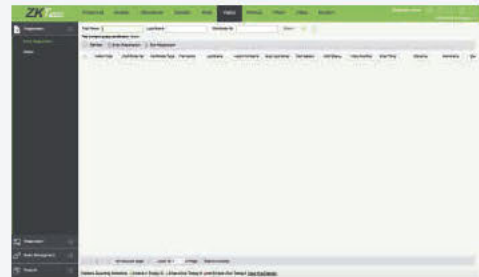
Report

To complete the hotel management function, the report is necessary, and ZKBioSecurity hotel management module do offer detailed report, including, guest check in, room check in, room charge, issue card, unlock record.



Visitor Module

Visitor Module is a web-based management system that implements entry registration, exit registration, snapshot capturing, visitor quantity statistics, reservation management and 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

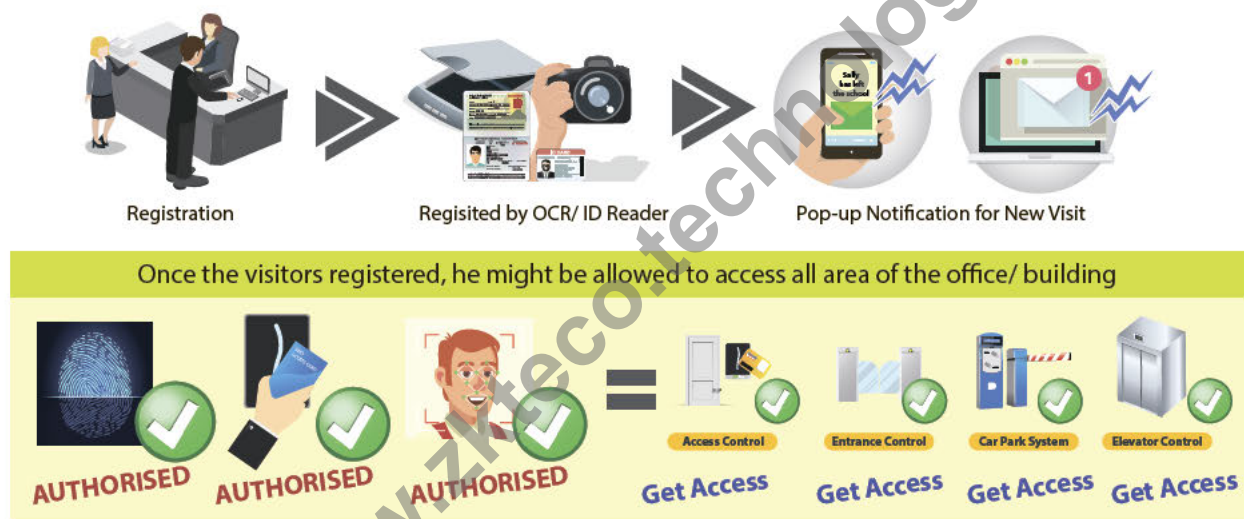
During visitor registration, in case of overtime visits, visitor registration, overtime visitor registration, visitor checking out, monitoring lists, the system will deliver e-mail or SMS notification to visitors, recipients or managers in registration site. SMS and e-mail templates support customization,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



If there is an overtime visit, the system will deliver e-mail or SMS notification to visitors, recipients or managers in registration sites.

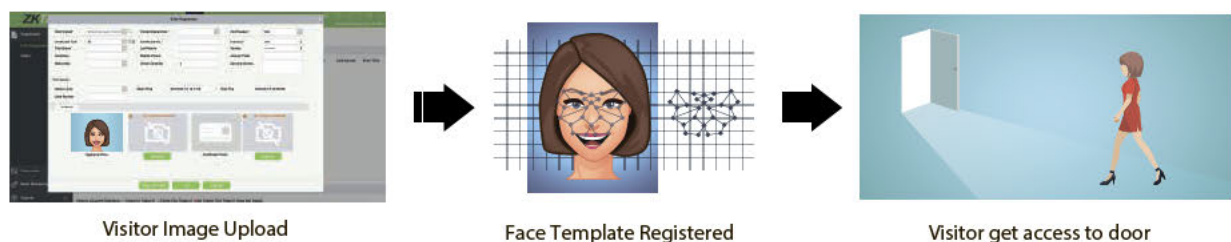
Visitor Management Process

Employees can help the visitors to make reserved registration, successful reservation information will be delivered via email or SMS to notify recipients, visitors and registration managers etc. Visitor registration can also be done by identity card registration (OCR or ID Reader), signature, photo capturing, passport capturing or car information registration etc. in order to enhance the safety level. 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, finger print, 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.





QR Code Safe Entry Solution for Staff and Visitors

Mobile QR Code Check-in enables both staffs and visitors to complete touchless check-in process, by utilizing their own mobile devices to scan QR codes for access of secured areas.

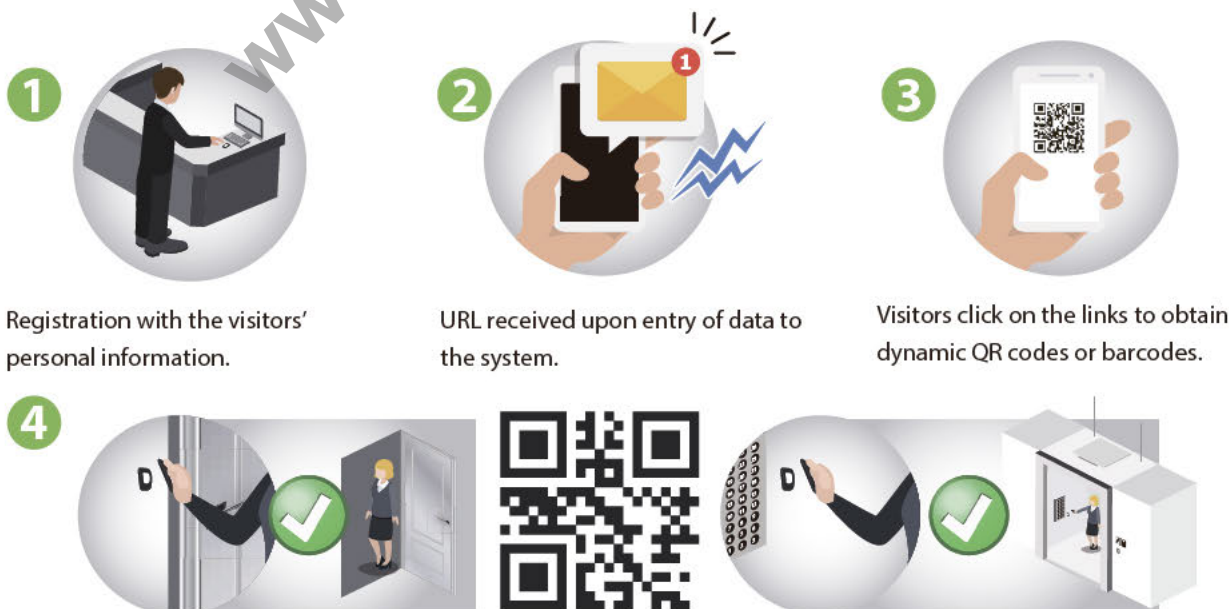
Scramble QR Code for Better Security

In order to prevent unregistered people from gaining access by copying QR codes or barcodes without permission, the images of QR codes and barcodes in the URL can be set to dynamic (scramble), which means that the QR code images will be automatically changed in every 30-300s (adjustable). Administrators no longer need to generate new set of QR codes to update visitors' entry content anymore.



How it works

Up completion of visitor registration, each member or visitor will get a hyperlink from the service provider, which directs to a dynamic QR code or barcode to different gates and doors. With the QR codes, visitors are allowed to enter the specifically authorized areas.



Within 30 seconds, registered visitors will be granted access with the same QR Code. Apart from building entrance, entrance control, car-park gates and elevators also support QR code access function.

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. 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.

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



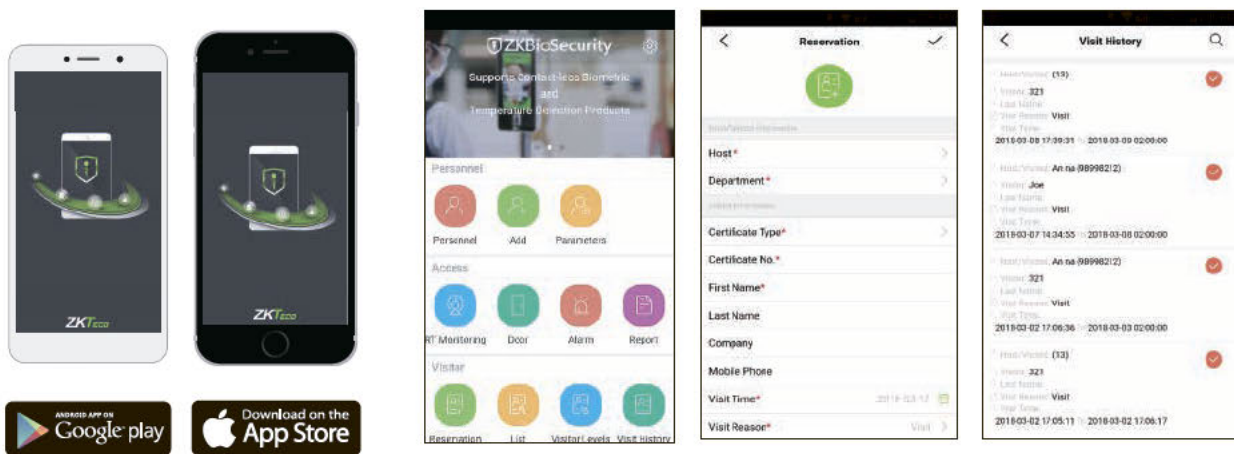
Report

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



Supports iOS and Android App

Offers 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.



Menu

Reservation

Visit History

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

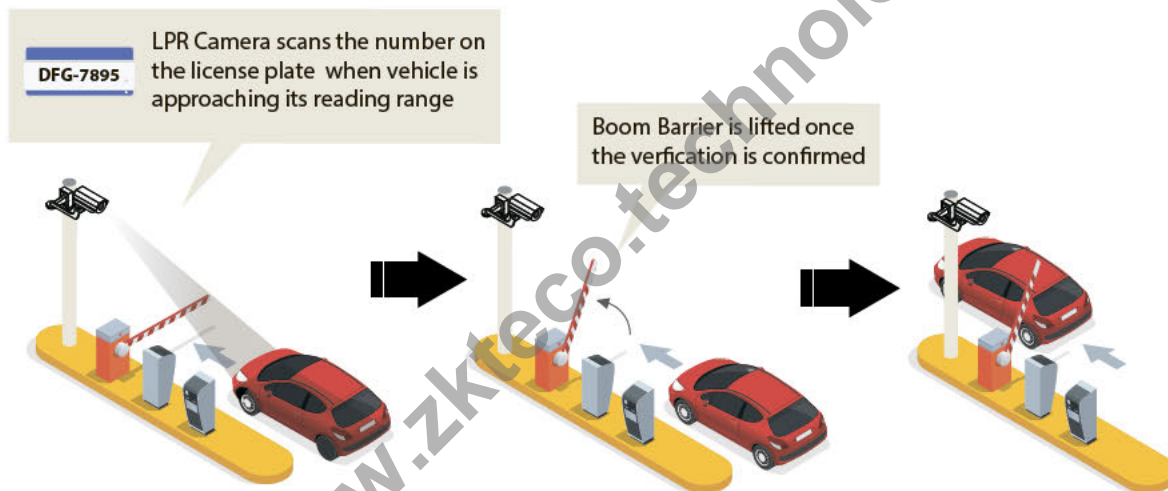
Parking Management

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



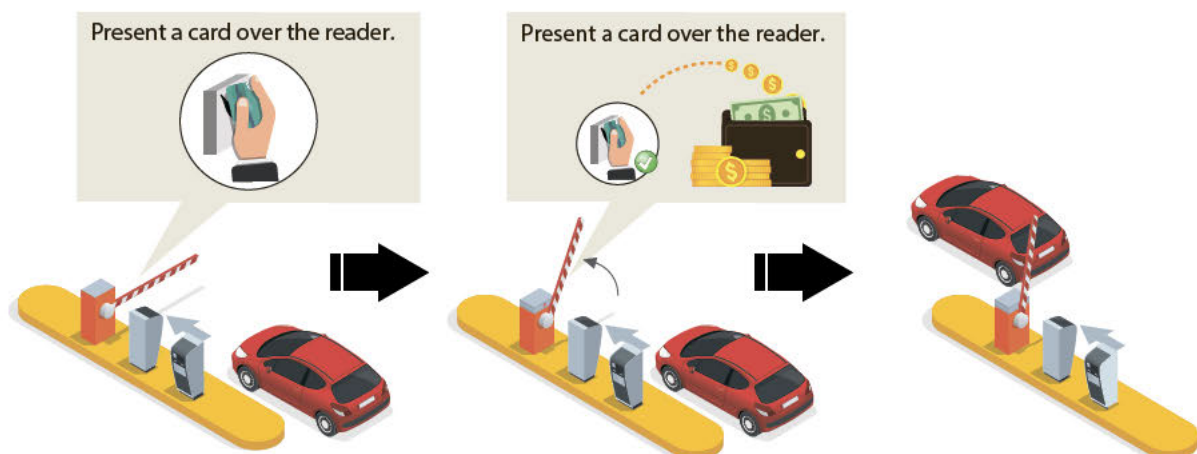
Automatic License Plates Verification (with LPR camera)

LPR technology is an application of computer video image recognition technology in license plate identification area. Its operation starts when the vehicle is located at the entrance of the parking lot, the LPR camera will scan on the license plate characters, and its recognition technology will identify the license plate number, color and other information. If the number on the license plate is valid, the car park barrier will lift for access, otherwise, no access will be allowed.



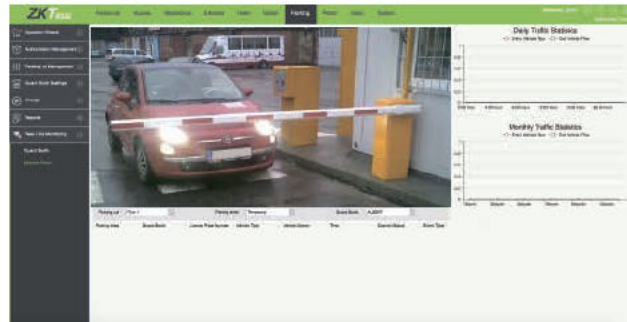
Payment and Charge Management

ZKBioSecurity offers an advanced option for users to pay on their parking when they are entering into the car park. Users may simply present cards at the entrance, and pay charges when leaving the car park.



Real Time Parking Lot Monitoring

It provides an additional function for administrators to have a real time monitoring in the monitor room, you can check video images and entrance and exit information of all guard booths in all parking lots.

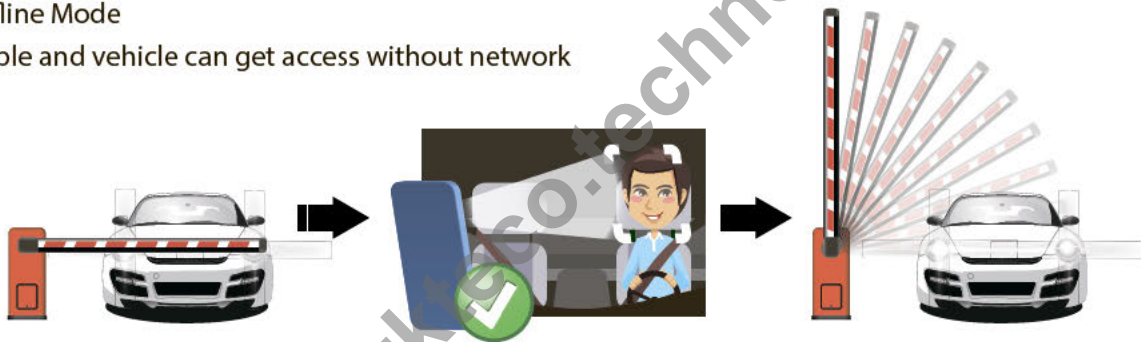


Supports Parking Offline Mode

Offline mode refers to that 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.

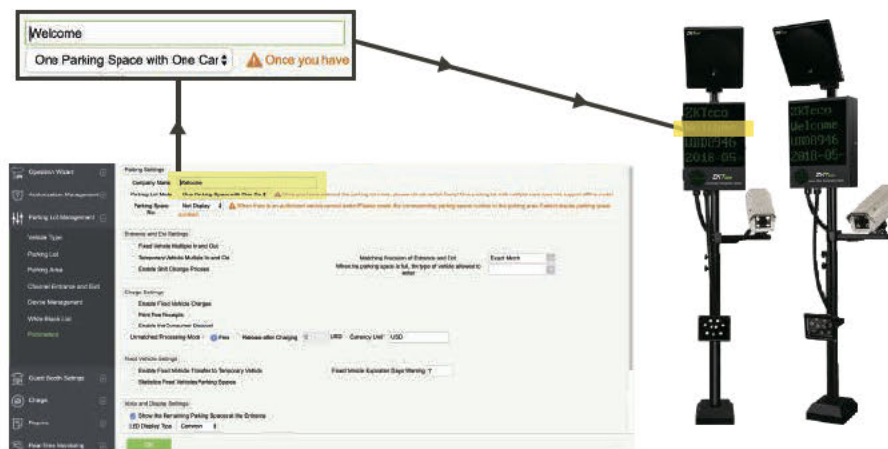
• Offline Mode

People and vehicle can get access without network



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.



Report

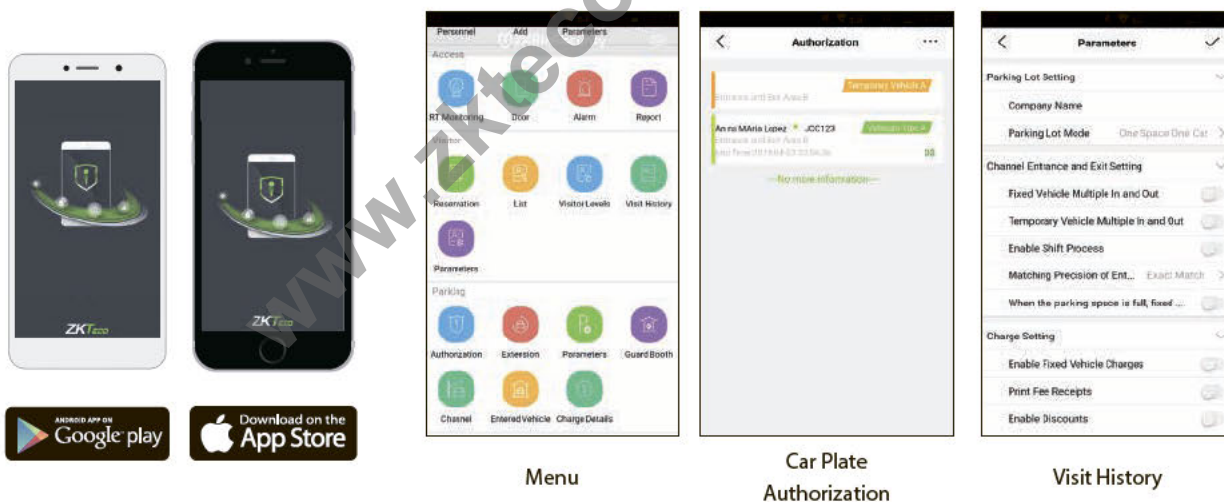
As an utilized LPR parking management system, the ZKBioSecurity parking module provides numbers of detail report, license plate report, charge details, vehicles in parking lot, daily and monthly reports, etc.



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 define 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.



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

Guard Patrol Module

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 the officer performing the patrol to note any incidents or observations. Using the ZKTeco access control with the powerful software ZKBioSecurity, enterprises no longer need to install the traditional guard patrol system (Location Tag), administrators can cut cost on the security's budgets.



ProBio

ProRF-T

ProCapture-X

Real-Time Patrol Monitoring and Check-Point Route

ZKBioSecurity provides the scheduled routes of the current day in the patrol plan. When the patrol security guards check-in based on the plan, the corresponding checkpoints in the patrol route will turn green. If the security guards don't check-in according to the plan, the checkpoints will turn red.

• Normal

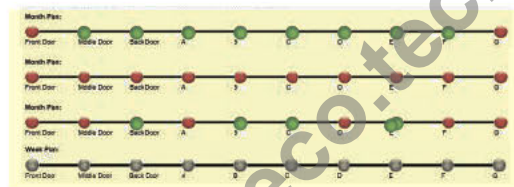
The patrol guard finished the patrol in the normal time segment and sequence.

• Patrol Route Error

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

• 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.



Route Status

- Normal Patrol
- Patrol Route Error
- Not Patrol

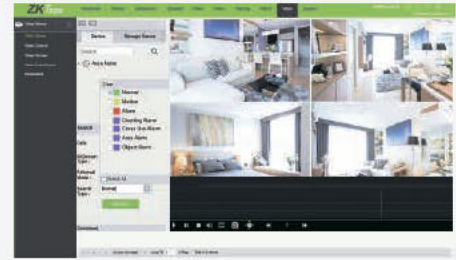
Report

In order to let administrators have a more detailed view of the patrol guard performance, the patrol module provides many useful reports, including all patrol transaction, patrol records, patrol route statistic, patrol personnel statistic.



Video Management System

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 and 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 fields.



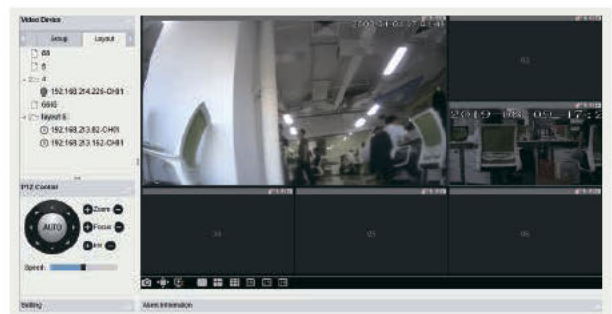
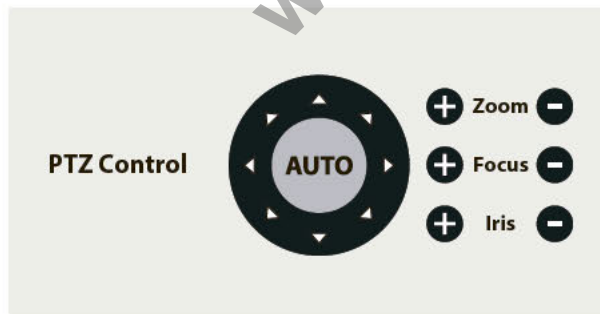
Supports up to 128 Camera with H.265 High compression format

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 profile compression format that users can get a high-quality video at much lower bit rate.



Supports PTZ operation

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

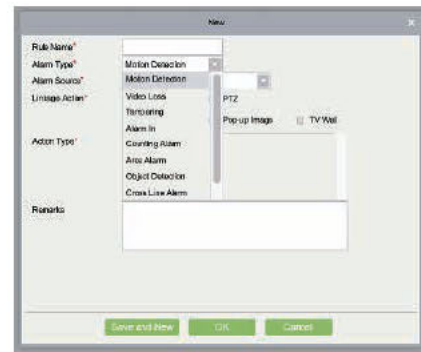
ONVIF is an open industry standardized interface for IP-based physical security products, ZKBioSecurity uses ONVIF for most of the 3rd party cameras and NVRs integration to enlarge its extension ability.



Linkage Management

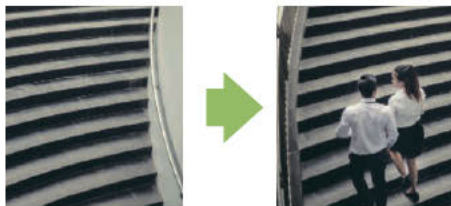
Provides this Linkage Management for user to configure the Video device alarm linkage.

It comes with eight alarm trigger conditions including Motion Detection, Video Loss, Tampering, Alarm in, Counting Alarm, Area Alarm, Object Detection, Cross Line Alarm and Human Detection.



Motion Detection	Video Loss	Tampering	Alarm input	Counting Alarm
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.



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

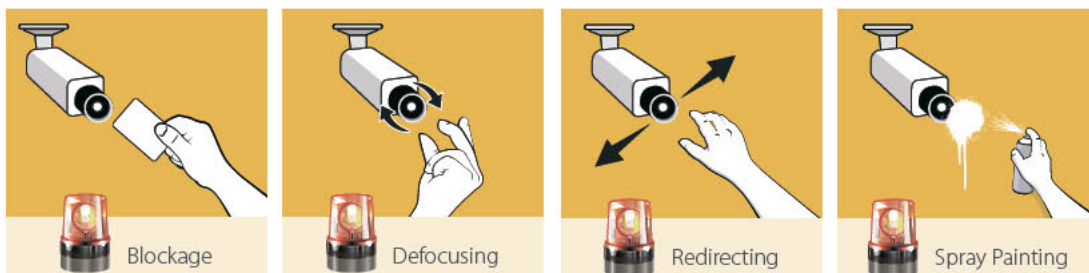
Once the security surveillance cameras, some or all of them, suddenly stop working, deliver video loss message or signal loss on screen, admin might get linkage notification from ZKBioSecurity.



Defocused

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.



Blockage

Defocusing

Redirecting

Spray Painting

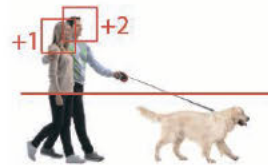


Alarm Inputs

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.

Counting Detection

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



Height Filter



Outstanding Anti-Interference Ability

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.

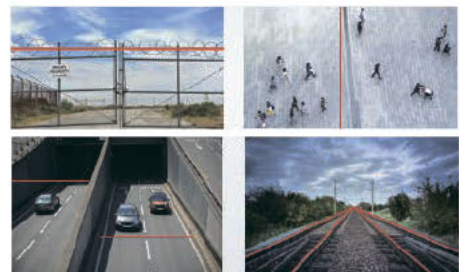


Item Detection

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.

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.



Human Detection

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



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 and Black List real-time monitoring

White List

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 detected and notifications will pop up and appear on screen.

Block List

The Blocklist helps admin to screen and reject people to go through the gate, and also if those people are blocklisted, 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.

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.

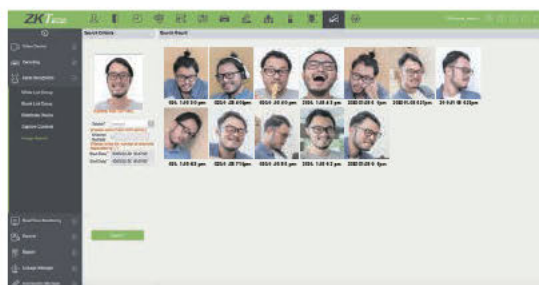
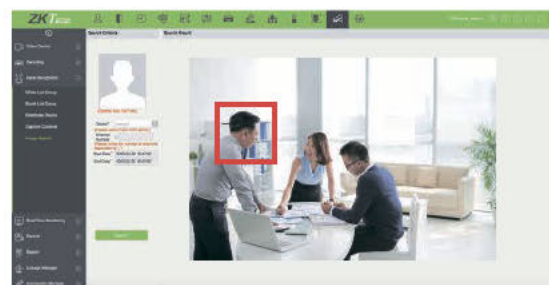


Image Upload and people searching



Footage with the match Image found

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.



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Report Templates



Personnel Management Summary Report @Personnel Module

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Person

Personnel ID	First Name	Last Name	Department Number	Department Name	Gender	Birthday	Password	Certificate Type	Certificate Number	Card Number	Email	Reservation Code	Mobile Phone
1	Jerry	Wang	1	General Development Department	Male	1980-04-23	1	1	TP443000	4461253	abwe@qwe.com	123456	50490404
2	Lucky	Tan	3	Development Department	Female	1992-12-08	2	3	784515	6155266	778@abc.com	123456	4425521
2040	Sherry	Yang	hotel	Hotel	Female	1997-12-01	2040	1	741741	1411237	555@qq.com	123456	145145145
3	Leo	Hou	4	Financial Department	Male	1998-12-22	3	1	23687	13271770	3332@qq.com	123456	34342543
4	Berry	Cao	1	General	Female	2007-12-05	4	4	745668QQWA	13592341	QWA@zzz.com	123456	74755468
5	Neool	Ye	2	Marketing Department	Male	2017-01-10	5	1	32242311	13260079	3322@qq.com	123456	6645454
6	Amber	Lin	4	Financial Department	Female	2017-07-04	6	1	784525004	4628036	787878@enu.com	123456	44620545
7	Jacky	Xiang	1	General	Female	2016-01-05	7	8	ees1213232	6323604	434@qq.com	123456	54243231
8	Glori	Liu	2	Marketing Department	Female	1995-12-05	8	1	433114354	6189166	687@abcd.com	123456	77546353
9	Lilian	Mei	3	Development Department	Female	1992-12-23	9	1	X522030	9505630	8989@pp.com	123456	221112121

Access Report @Access Module

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Total People 10

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
2040	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	Neool	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	6323604	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	9505630	2017-12-18 09:27:22	192.168.218.60-1-In

All Access Transactions @Access Module

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All Transactions

Time: 2017-06-15 00:00:00 - 2017-12-15 23:59:59

Time	Device Name	Event Point	Event Description	Personnel ID	First Name	Last Name	Card Number	Department Name	Reader Name	Verification Mode	Area Name	Remark
2017-12-15 18:28:02	192.168.218.60	192.168.218.60-2	Background Verify Success	8	Amber	Lin	4628036	Financial Department	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:59	192.168.218.60	192.168.218.60-1	Background Verify Success	6	Amber	Lin	4628036	Financial Department	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:28:45	192.168.218.60	192.168.218.60-2	Background Verify Success	5	Nicol	Ye	13280079	Marketing Department	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:41	192.168.218.60	192.168.218.60-1	Background Verify Success	5	Nicol	Ye	13280079	Marketing Department	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:28:38	192.168.218.60	192.168.218.60-2	Background Verify Success	1	Jerry	Wang	4461253	General	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:35	192.168.218.60	192.168.218.60-1	Background Verify Success	1	Jerry	Wang	4461253	General	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:28:23	192.168.218.60	192.168.218.60-2	Background Verify Success	2940	Sherry	Yang	1411237	Hotel	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:20	192.168.218.60	192.168.218.60-1	Background Verify Success	2940	Sherry	Yang	1411237	Hotel	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:28:17	192.168.218.60	192.168.218.60-2	Background Verify Success	9	Lilian	Mei	9505930	Development Department	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:13	192.168.218.60	192.168.218.60-1	Background Verify Success	9	Lilian	Mei	9505930	Development Department	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:28:08	192.168.218.60	192.168.218.60-2	Background Verify Success	3	Leo	Hou	13271770	Financial Department	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:28:01	192.168.218.60	192.168.218.60-1	Background Verify Success	3	Leo	Hou	13271770	Financial Department	192.168.218.60-1-In	Only Card	Area Name	
2017-12-15 18:25:18	192.168.218.60	192.168.218.60-1	Remote Opening						Other	Other	Area Name	
2017-12-15 18:25:04	192.168.218.60	192.168.218.60-1	Remote Opening						Other	Other	Area Name	
2017-12-15 18:23:52	192.168.218.60	192.168.218.60-2	Background Verify Success	1	Jerry	Wang	4461253	General	192.168.218.60-2-In	Only Card	Area Name	
2017-12-15 18:23:40	192.168.218.60	192.168.218.60-1	Remote Opening						Other	Other	Area Name	
2017-12-15 18:23:26	192.168.218.60	192.168.218.60-1	Remote Opening						Other	Other	Area Name	
2017-12-15 18:23:	192.168.218.60	192.168.218.60-2	Background Verify	1	Jerry	Wang	4461253	General	192.168.218.60-2-In	Only Card	Area Name	

Created on: 2017-12-15 18:35:39

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Business Trip Report @Attendance Module

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Business Trip

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 @Attendance Module

ZKTECO

Overtime

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

Daily Attendance Report @Attendance Module

ZKTECO

Daily Attendance

Personnel ID	First Name	Last Name	Department Number	Department Name	Record Date	Record Times	Earliest Time	Latest Time	Punch Time
1	Jerry	Wang	1	General	2017-12-15	35	16:33:27	18:28:38	16:33:27;16:33:29; 16:33:34;16:34:03; 16:34:04;16:34:05; 16:34:08;16:35:02; 16:35:03;17:35:25; 17:35:26;17:42:50; 17:42:51;17:42:52; 17:58:49;17:58:50; 18:04:44;18:04:45; 18:22:20;18:22:21; 18:23:12;18:23:16; 18:23:18;18:23:19; 18:23:36;18:23:37; 18:23:52;18:24:59; 18:25:00;18:25:13; 18:25:14;18:28:34; 18:28:35;18:28:37; 18:28:38;
2	Lucky	Tan	3	Development Department	2017-12-15	26	16:33:42	18:28:56	16:33:42;16:33:43; 16:33:51;16:33:56; 16:34:00;16:35:05; 16:35:06;17:35:32; 17:42:47;17:42:48; 17:59:03;17:59:04; 17:59:38;17:59:39; 18:04:59;18:05:00; 18:05:07;18:05:08; 18:09:35;18:09:36; 18:23:00;18:23:01; 18:23:02;18:28:53; 18:28:55;18:28:56;
2840	Sherry	Yang	hotel	Hotel	2017-12-15	17	16:33:18	18:28:23	16:33:16;16:34:08; 16:34:10;16:35:08; 16:35:08;17:35:19; 17:43:01;17:43:02;

Created on: 2017-12-15 18:38:31

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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 Leave(0)
5	Nicol	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 Leave(0)
9	Lillian	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 Leave(0)
3	Leo	Hou	4	Financial Department	Casual Leave(0) Marriage Leave(1) Maternity Leave(0) Sick Leave(0) Annual Leave(0)

ZKTECO
Leave

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

Time Shift Report @Attendance Module

ZKTECO
Shift

Name	Number	Schedule Type	Unit	Cycle	Start Date	Cycle Shift in one Month
Day Shift	1	Regular Shift	Day	10	2017-12-15	Yes
Night	2	Regular Shift	Day	10	2017-12-18	Yes
Flexible	3	Flexible Shift	Day	10	2017-12-18	Yes

Time Zone @Attendance Module

ZKTECO
Time Zone

Name	Number	Timetable Type	Check-in Start Time	Check-in Time	Check-out Time	Check-out End Time
Normal Time	1	Normal Time Zone	08:00	09:00	18:00	19:00
Flexible Timetable	2	Flexible Timetable	09:00			18:00
Day Time	3	Normal Time Zone	08:00	08:30	18:00	19:00
Test	T4	Normal Time Zone	20:00	20:30	23:30	23:59

Elevator control report @Elevator Module

ZKTECO

All Transactions

Time: 2017-06-18 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 10:36:43	192.168.218.65	192.168.218.65-9	Normal Punch Open	3	Leo	Hou	13200079	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:43	192.168.218.65	192.168.218.65-5	Normal Punch Open	3	Leo	Hou	13200078	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:43	192.168.218.65	192.168.218.65-9	Normal Punch Open	3	Leo	Hou	13200079	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:39	192.168.218.65	192.168.218.65-1	Normal Punch Open	1	Jerry	Wang	9505630	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:39	192.168.218.65	192.168.218.65-4	Normal Punch Open	1	Jerry	Wang	9505630	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:39	192.168.218.65	192.168.218.65-3	Normal Punch Open	1	Jerry	Wang	9505630	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:39	192.168.218.65	192.168.218.65-2	Normal Punch Open	1	Jerry	Wang	9505630	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:36	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 10:36:36	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 10:36:36	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 10:36:36	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 10:36:31	192.168.218.65	192.168.218.65-8	Normal Punch Open	2040	Sherry	Yang	4481253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:31	192.168.218.65	192.168.218.65-8	Normal Punch Open	2040	Sherry	Yang	4481253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:31	192.168.218.65	192.168.218.65-7	Normal Punch Open	2040	Sherry	Yang	4481253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:31	192.168.218.65	192.168.218.65-5	Normal Punch Open	2040	Sherry	Yang	4481253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	
2017-12-15 10:36:51	192.168.218.65	192.168.218.65-5	Normal Punch Open	2040	Sherry	Yang	4481253	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	2040	Sherry	Yang	4481253	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	2040	Sherry	Yang	4481253	General	192.168.218.65-Reader	Card or Fingerprint	Area Name	

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12

Guest Check-in Report @Hotel Module

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Guest Checkin Report

First Name	Last Name	Document Type	Document No.	Card Number	Check-in Time	Check-Out Time	Checkin Type	Room Name	Room Type
Maryan	Liu	ID	44443333	4117849102	2017-12-15 14:42:09	2017-12-15 15:18:49	Daily Rate Room	A1101	A
Carian	Xie	Passport	332454	4117858142	2017-12-15 14:51:15	2017-12-15 15:14:20	Daily Rate Room	B1103	A
Lucy	Feng	Passport	232145523	301973533	2017-12-15 14:43:39	2017-12-15 15:13:52	Daily Rate Room	A1102	A
Lucy	Feng	Passport	232145523	301973533	2017-12-15 15:13:52	2017-12-15 15:19:08	Daily Rate Room	B1105	A
Hook		ID	5577558	4117882494	2017-12-15 14:45:37	2017-12-15 14:50:09	Daily Rate Room	B1102	A
Maryan	Liu	ID	44443333	4117849102	2017-12-15 14:42:09	2017-12-15 15:18:49	Daily Rate Room	A1101	A
Bruno	Ke	Driver License	22322123	4117882494	2017-12-15 14:51:15	2017-12-15 15:14:20	Daily Rate Room	B1103	A

Visitor History Record @Visitor Module

ZKTECO															
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
800000011	Morry	Fang	Google	Visit	7	Jacky	Xiang	Check-Out	8180168	2017-12-15 11:44:57	server	2017-12-15 11:46:20	server	Camera Device	Camera Device
800000010	Tommy	Qi	ZKTECO-Th	Visit	6	Anker	Lin	Check-Out	8323904	2017-12-15 11:42:38	server	2017-12-15 11:46:20	server	Camera Card	Camera Card
800000009	Ellan	Pang	ZKTECO-Eu	Visit	5	Nicol	Ye	Check-Out	13502341	2017-12-15 11:41:01	server	2017-12-15 11:46:51	server	Book Bottle	Book Bottle
800000008	Goura	Viny	Esal	Visit	4	Berry	Cao	Check-Out	1411237	2017-12-15 11:38:14	server	2017-12-15 11:46:00	server	Kindle	Kindle
800000007	Monic	Wu	ZKTECO	Visit	1	Jerry	Wang	Check-Out	4628038	2017-12-15 11:21:08	server	2017-12-15 11:23:10	server	PC	PC
800000006	Bella	Yu		Visit	2040	Sherry	Yang	Check-Out	4461253	2017-12-15 11:02:28	server	2017-12-15 11:22:00	server	Video	Video
800000005	Bill	Fang		Visit	3	Leo	Hou	Check-Out	9009300	2017-12-15 11:02:36	server	2017-12-15 11:21:43	server	PC	PC
800000004	Tom	Lee		Visit	2	Lucky	Tan	Check-Out	13260079	2017-12-15 10:58:36	server	2017-12-15 11:21:31	server	IPAD	IPAD
800000003	Stephin	Chen		Visit	3	Leo	Hou	Check-Out	13260079	2017-12-15 10:47:43	server	2017-12-15 10:58:37	server		
800000002	Joey	Leung		Visit	2	Lucky	Tan	Check-Out	9009300	2017-12-15 10:46:03	server	2017-12-15 10:57:06	server		
800000001	Mary	Huang		Visit	2040	Sherry	Yang	Check-Out	4461253	2017-12-15 10:43:43	server	2017-12-15 10:57:47	server		

Patrol Guard Transaction Record @Patrol Module

ZKTECO											
All Transactions											
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	8180168	Access	Route1	checkpoint11	Only Card	Area Name	
2017-12-15 13:53:51	192.168.218.60	8	Glori	Liu	8180168	Access	Route1	checkpoint12	Only Card	Area Name	
2017-12-15 13:53:48	192.168.218.60	8	Glori	Liu	8180168	Access	Route1	checkpoint12	Only Card	Area Name	
2017-12-15 13:53:48	192.168.218.60	8	Glori	Liu	8180168	Access	Route1	checkpoint11	Only Card	Area Name	
2017-12-15 13:53:46	192.168.218.60	7	Jacky	Xiang	8323904	Access	Route1	checkpoint12	Only Card	Area Name	
2017-12-15 13:53:46	192.168.218.60	7	Jacky	Xiang	8323904	Access	Route1	checkpoint11	Only Card	Area Name	
2017-12-15 11:54:18	192.168.218.60	8	Glori	Liu	8180168	Access	route1	checkpoint11	Only Card	Area Name	
2017-12-15 11:54:17	192.168.218.60	8	Glori	Liu	8180168	Access	route1	checkpoint12	Only Card	Area Name	
2017-12-15 11:54:15	192.168.218.60	7	Jacky	Xiang	8323904	Access	route1	checkpoint12	Only Card	Area Name	
2017-12-15 11:54:14	192.168.218.60	7	Jacky	Xiang	8323904	Access	route1	checkpoint11	Only Card	Area Name	
2017-12-15 11:54:10	192.168.218.60	5	Nicol	Ye	13260079	Access	route1	checkpoint12	Only Card	Area Name	
2017-12-15 11:54:10	192.168.218.60	5	Nicol	Ye	13260079	Access	route1	checkpoint11	Only Card	Area Name	
2017-12-15 11:54:08	192.168.218.60	2	Lucky	Tan	8155268	Access	route1	checkpoint11	Only Card	Area Name	
2017-12-15 11:54:07	192.168.218.60	2	Lucky	Tan	8155268	Access	route1	checkpoint12	Only Card	Area Name	
2017-12-15 11:53:48	192.168.218.60	2	Lucky	Tan	8155268	Access	route1	checkpoint11	Only Card	Area Name	
2017-12-15 11:53:47	192.168.218.60	2	Lucky	Tan	8155268	Access	route1	checkpoint12	Only Card	Area Name	
2017-12-15 11:53:44	192.168.218.60	2	Lucky	Tan	8155268	Access	route1	checkpoint11	Only Card	Area Name	
2017-12-15 11:53:44	192.168.218.60	2	Lucky	Tan	8155268	Access	route1	checkpoint12	Only Card	Area Name	

Patrol Record by Day @Patrol Module

ZKTECO
Patrol Records Today

Time	Device Name	Personnel ID	First Name	Last Name	Card Number	Device Module	Route Name	Checkpoint	Verification Mode	Area Name	Remark
2017-12-16 13:53:51	192.168.218.80	8	Glori	Liu	8189168	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-16 13:53:51	192.168.218.80	8	Glori	Liu	8189168	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-16 13:53:49	192.168.218.80	8	Glori	Liu	8189168	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-16 13:53:48	192.168.218.80	8	Glori	Liu	8189168	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-16 13:53:46	192.168.218.80	7	Jacky	Xiang	8323984	Access	Route1	checkpoint2	Only Card	Area Name	
2017-12-16 13:53:48	192.168.218.80	7	Jacky	Xiang	8323984	Access	Route1	checkpoint1	Only Card	Area Name	
2017-12-16 11:54:18	192.168.218.80	8	Glori	Liu	8189168	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-16 11:54:17	192.168.218.80	8	Glori	Liu	8189168	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-16 11:54:15	192.168.218.80	7	Jacky	Xiang	8323984	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-16 11:54:14	192.168.218.80	7	Jacky	Xiang	8323984	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-16 11:54:10	192.168.218.80	5	Nicol	Ye	13260079	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-16 11:54:10	192.168.218.80	5	Nicol	Ye	13260079	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-16 11:54:08	192.168.218.80	2	Lucky	Tan	8155268	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-16 11:54:07	192.168.218.80	2	Lucky	Tan	8155268	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-16 11:53:48	192.168.218.80	2	Lucky	Tan	8155268	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-16 11:53:47	192.168.218.80	2	Lucky	Tan	8155268	Access	route1	checkpoint2	Only Card	Area Name	
2017-12-16 11:53:44	192.168.218.80	2	Lucky	Tan	8155268	Access	route1	checkpoint1	Only Card	Area Name	
2017-12-16 11:53:43	192.168.218.80	2	Lucky	Tan	8155268	Access	route1	checkpoint2	Only Card	Area Name	

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Operation Log Record @System Module

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Operation Log

Operation User	Operation Time	Operation IP	Module	Operating Object	Operation Type	Operation Content	Result
admin	2017-12-18 15:06:35	127.0.0.1	Visitor	Visitor	Export	Export	Succeed
admin	2017-12-18 15:03:40	127.0.0.1	Elevator	Access Rights By Personnel	Export	Export	Succeed
admin	2017-12-18 15:03:17	127.0.0.1	Elevator	Access Rights By Floor	Export	Export	Succeed
admin	2017-12-18 15:02:59	127.0.0.1	Elevator	All Exception Events	Export	Export	Succeed
admin	2017-12-18 15:01:27	127.0.0.1	Elevator	All Transactions	Export	Export	Succeed
admin	2017-12-18 14:25:34	127.0.0.1	Attendance	Appended Receipt	Export	Export	Succeed
admin	2017-12-18 14:24:41	127.0.0.1	Attendance	Leave	Export	Export	Succeed
admin	2017-12-18 14:24:05	127.0.0.1	Attendance	Leave	Export	Export	Succeed
admin	2017-12-18 14:23:45	127.0.0.1	Attendance	Business Trip	Export	Export	Succeed
admin	2017-12-18 14:23:25	127.0.0.1	Attendance	Go Out	Export	Export	Succeed
admin	2017-12-18 14:22:26	127.0.0.1	Attendance	Overtime	Export	Export	Succeed
admin	2017-12-18 14:13:29	127.0.0.1	Attendance	Overtime	Export	Export	Succeed
admin	2017-12-18 14:06:58	127.0.0.1	Attendance	Adjust and Append	Export	Export	Succeed
admin	2017-12-18 14:04:21	127.0.0.1	Attendance	Adjust Shift	Export	Export	Succeed
admin	2017-12-18 14:02:21	127.0.0.1	Attendance	Adjust Shift	New	5	Succeed
admin	2017-12-18 14:00:27	127.0.0.1	Attendance	Adjust Shift	New	4:3	Succeed
admin	2017-12-18 13:56:27	127.0.0.1	Attendance	Adjust Shift	New	3	Succeed
admin	2017-12-18 13:55:40	127.0.0.1	Attendance	Adjust and Append	New	3:3	Succeed

Created on: 2017-12-18 15:07:23

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