

ZKBioSecurity ConSite

Construction Site Intelligent Integration System

All-in-One Bio-security Solution



**Fingerprint
Recognition**



**Facial
Recognition**



**Finger Vein
Recognition**



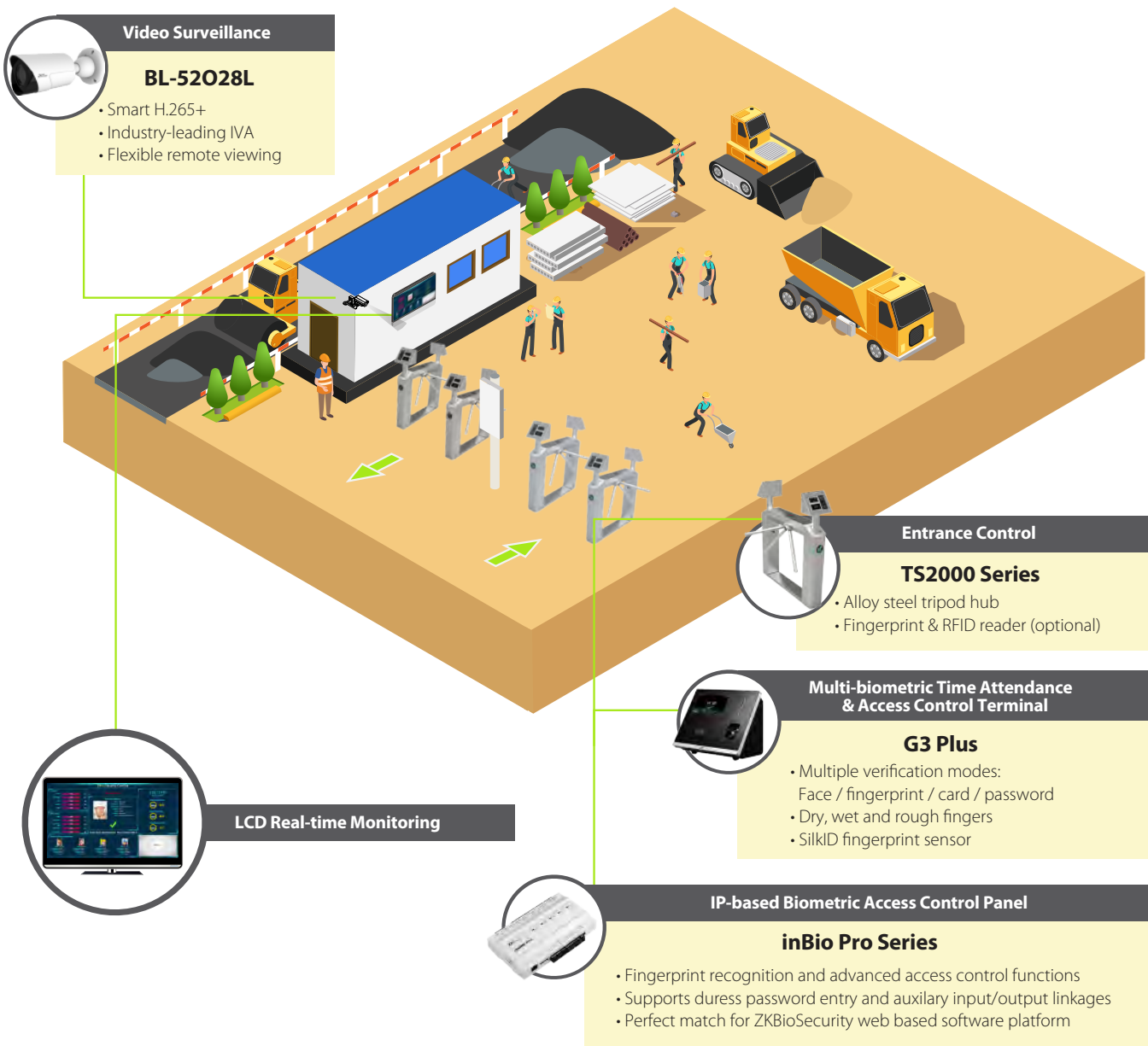
**Card
Verification**

Features

- Worker company management
- Worker type management
- Supports bulletin display
- Real-time monitoring
- Real-time data transmission
- Supports advertisement display
- Multiple verification modes
- Worker access monitoring and dynamic display of LCD screen
- Linkage photo capturing
- Linkage video recording
- Supports uploading user-defined video
- Alarm function
- Global anti-passback
- Worker time & attendance calculation and reports
- Event query
- Auto-synchronization of finger vein, face, fingerprint and card templates

Multi-integrated Construction Site Management Solution

ZKBioSecurity Construction Site Management Solution takes the latest B/S architecture as framework and based on the development of mainstream ZKBioSecurity, which is a comprehensive system of digitalization, network, security and cross industry applications. It is integrated with ZKBioSecurity biometrics identification and access system, this solution has the newly added worker management module and advanced access management module. It can effectively manage registered workers from different company, monitor all workers' attendance and access control details in real time, which truly demonstrates the intelligent management of construction site security and workers.



Personnel On-site Module

This module can display the specific date, time, total number of people present, number of workers and number of visitors, using a conspicuous percentage plus digital display, which can clearly show the relevant data.



Contractor Company

The number of companies and the personnel number in the company can be displayed in real-time, and will increase or decrease as the card is punched in or out. Besides, this module uses a scrolling display interface when the number of companies exceeds the specified size.



Worker Type

The number of registered worker type can be displayed in real-time, and will increase or decrease as the card is punched in or out. Besides, this module uses a scrolling display interface when the number of companies exceeds the specified size.



Previous Personnel Information Module

It can display detailed information about the entry and exit of previous personnels who have punched the card, including the person's avatar, company, worker type, name, job code, and the entering/exiting time, with a scrolling display from right to left.



Personnel Information Module

This is a key module that highlights the photos, names, card numbers, worker type, company, time, location and events of the person. When the person punches the card, photo of the person and all related information will be displayed. Showing the check mark means entering/exiting successfully. If the card fails, the cross mark will be displayed.



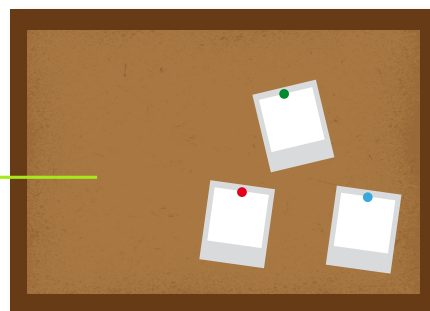
Announcement Module

The context, colors and fonts can be customized to show greeting words on top of the screen.



Advertisement Module

The context, colors and fonts can be customized to show as advertisement and will loop from right to left.



Video Display

This module is used to play the video of the construction site. System supports video format up to ten types and video size up to 500mb. Double-click the video player to play in full screen.



Verification Mode

Multiple verification modes include password, card, face, fingerprint and finger vein.



Passw ord



Ca rd



Face



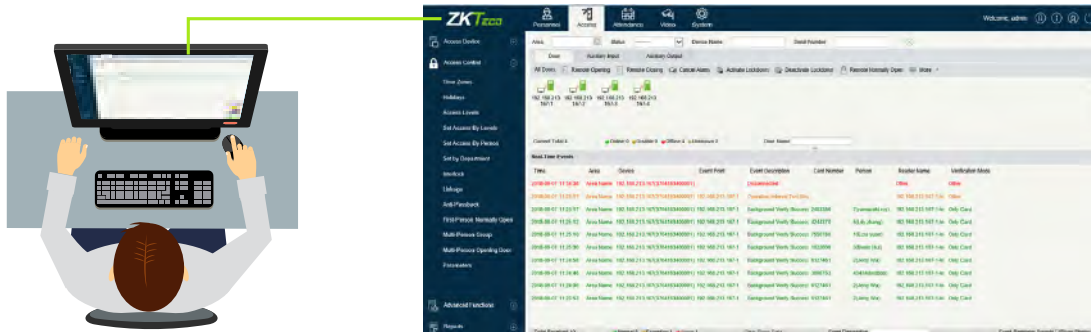
Fingerprint



Finger Vein

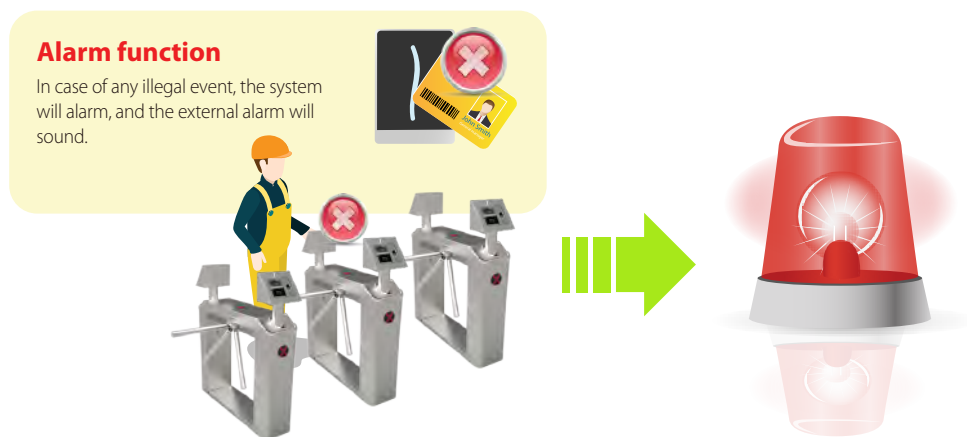
Real-time Monitoring

Administrators can monitor the access record and switch status of all the doors via computer in real-time, also display the switch status of all doors and access records such as personnel ID, company, name and location.



Alarm Function

Attempts to pass or passing that is illegal or during illegal time zone will trigger the alarm function.



Linkage Alarm Settings

Linkage conditions can be set to trigger with the alarm system, including video capturing, output alarm devices and e-mail notifications.



Image Capturing, Video Recording

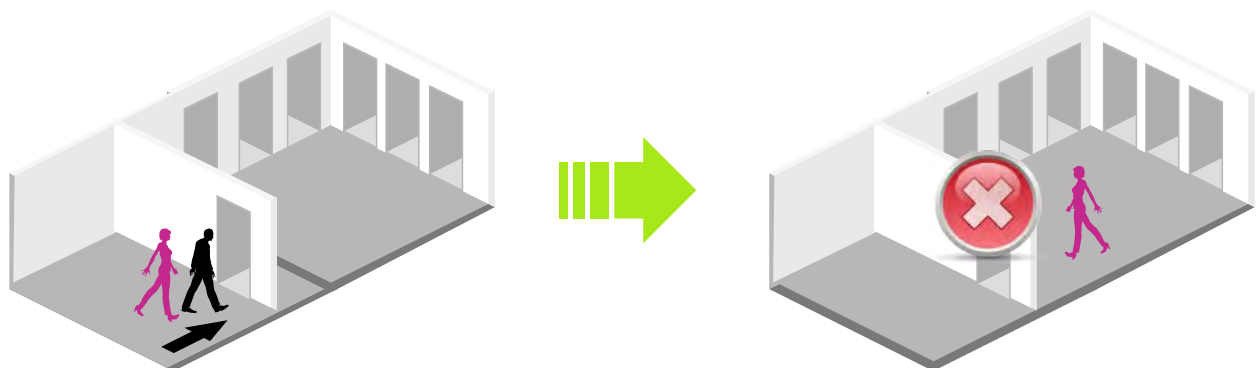
The software displays personnel information in real-time, capturing live photo or recording video when staff punches card or verifies.

Video Pop-up



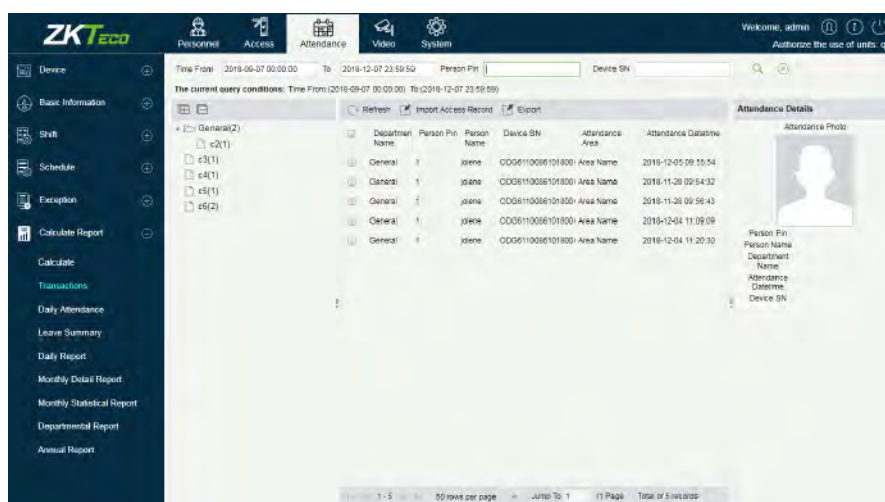
Global Anti-Passback

The system can prevent pass back between different access zones, and unauthorized persons with no access records can be excluded from the doors.



Attendance Calculation & Report

Users can import attendance records from access terminals, and export as an attendance report.



ZKBioSecurity ConSite

Intelligent Integration Management System



Software Specifications

Version	3.0.3.0_R
System Architecture	Server/Browser
Database	PostgreSQL, Oracle11g, SQL Server 2005/2008/2012
Supported OS	Windows 7, Windows 8/8.1, Windows Server 2008/2012
Monitor Resolution	1920*1080 or higher
Suggested Browsers	Internet Explorer 11+ / Firefox 27+ / Chrome 33+

Hardware Requirements

CPU	CPU dual core processor with speed of 2.4GHz or higher
Memory	4GB or above
Storage	30GB free space or higher (NTFS recommended)
Screen Resolution	1920*1080 or higher

G3 Plus

Multi-Biometric Time Attendance & Access Control Terminal

- First "Anti-glare Facial Recognition" biometric terminal, with the ultimate 168 IR sensors and the latest infra-red illumination technology
- Performs precise facial recognition under strong sunlight (up to 60,000 Lux)
- Offers a smooth recognition experience



inBio Pro Series

IP-based Biometric Access Control Panel

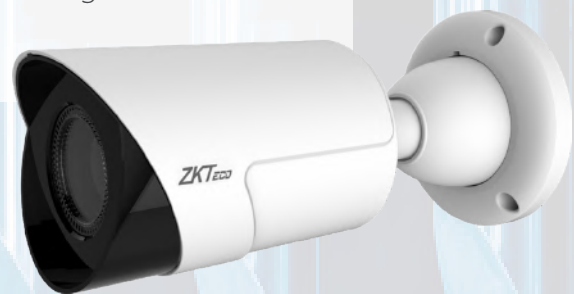
- Fingerprint recognition and advanced access control functions
- Perfect match for ZKBioSecurity web based software platform
- In combination with the FR1300 RS485 reader
- Anti-Passback, First-card Opening, Multi-card Opening
- Supports Duress Password Entry, and auxiliary input/output linkages



BL-52028L

E series IP cameras are highly cost-effective solutions which are powered by smart H.265+ and advanced cutting-edge Sony sensor for video monitoring

- 265+ and advanced cutting-edge Sony sensor for video monitoring
- It delivers crystal clear images and industry-leading IVA smart event
- Cloud function is built-in for every single device, which are more convenient and flexible for real-time and remote viewing



TS2133 Series

Entrance control system designed for high traffic volume

- Tripod turnstiles are space-saving and cost-effective entrance solutions designed for smooth and silent operation, less wear and tear and reduced power consumption
- On receiving a signal from the access control system, or push button, it allows the passage of one person at one time
- The status is shown on the led-way mode indicators on the top. Passage in both directions is electronically controlled

