

# Release Notes

## ZKBio Access IVS

Date: July 2020

Doc Version: 1.1

English

Thank you for choosing our product. Please read the instructions carefully before operation. Follow these instructions to ensure that the product is functioning properly. The images shown in this manual are for illustrative purposes only.



For further details, please visit our Company's website  
[www.zkteco.com](http://www.zkteco.com).

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The product will be updated from time to time without prior notice. The latest operation procedures and relevant documents are available on <http://www.zkteco.com>

If there is any issue related to the product, please contact us.

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To know more about our global branches, visit [www.zkteco.com](http://www.zkteco.com).

## About the Company

ZKTeco is one of the world's largest manufacturer of RFID and Biometric (Fingerprint, Facial, Finger-vein) readers. Product offerings include Access Control readers and panels, Near & Far-range Facial Recognition Cameras, Elevator/floor access controllers, Turnstiles, License Plate Recognition (LPR) gate controllers and Consumer products including battery-operated fingerprint and face-reader Door Locks. Our security solutions are multi-lingual and localized in over 18 different languages. At the ZKTeco state-of-the-art 700,000 square foot ISO9001-certified manufacturing facility, we control manufacturing, product design, component assembly, and logistics/shipping, all under one roof.

The founders of ZKTeco have been determined for independent research and development of biometric verification procedures and the productization of biometric verification SDK, which was initially widely applied in PC security and identity authentication fields. With the continuous enhancement of the development and plenty of market applications, the team has gradually constructed an identity authentication ecosystem and smart security ecosystem, which are based on biometric verification techniques. With years of experience in the industrialization of biometric verifications, ZKTeco was officially established in 2007 and now has been one of the globally leading enterprises in the biometric verification industry owning various patents and being selected as the National High-tech Enterprise for 6 consecutive years. Its products are protected by intellectual property rights.

## About the Manual

This manual introduces the Release Notes of ZKBio Access IVS.

All figures displayed are for illustration purposes only. Figures in this manual may not be exactly consistent with the actual products.






## Document Conventions

Conventions used in this manual are listed below:

### GUI Conventions

For Software	
Convention	Description
Bold font	Used to identify software interface names e.g. <b>OK</b> , <b>Confirm</b> , <b>Cancel</b>
>	Multi-level menus are separated by these brackets. For example, File > Create > Folder.
For Device	
Convention	Description
< >	Button or key names for devices. For example, press <OK>
[ ]	Window names, menu items, data table, and field names are inside square brackets. For example, pop up the [New User] window
/	Multi-level menus are separated by forwarding slashes. For example, [File/Create/Folder].

### Symbols

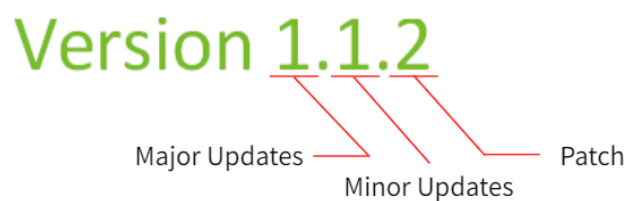
Convention	Description
	This implies about the notice or pays attention to, in the manual
	The general information which helps in performing the operations faster
	The information which is significant
	Care taken to avoid danger or mistakes
	The statement or event that warns of something or that serves as a cautionary example.

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## 1 Statement

1. ZKBio Access IVS offers three types of updates: Major Updates, Minor Updates, and Patch.
  - **Major Updates:** Major updates include significant updates in modules or functionalities of the Software and are recommended to all the users.
  - **Minor Updates:** Minor updates include improvements in a few functionalities of the Software.
  - **Patch:** The bugs are fixed in the Patch version.
2. Version Number Description:



[**Note:** Upgrade tools are provided for Major Updates only. For other updations, please contact us.]

## 2 Version 3.0.0

Release Date: 2020/07/27

Update Type: Major Updates

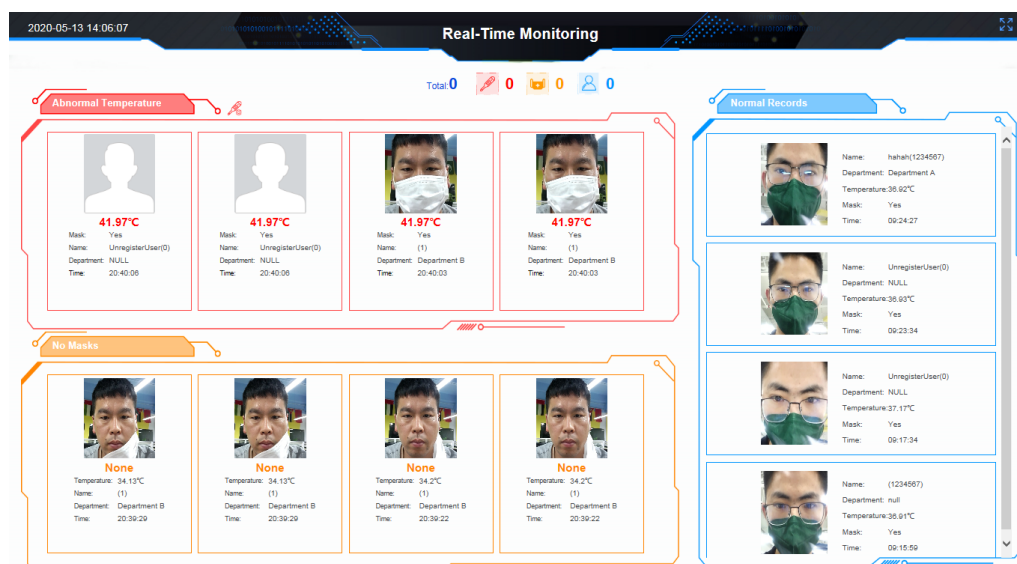
### **New Features and Improvements**

#### 1. **Temperature Detection Module**

Combines the technology with infrared temperature detection to provide accurate and fast temperature detection during verification, new ZKBio Access IVS providing responsive, intuitive, user-friendly web application and various analysis reports to work with Body Temperature and Mask Detection devices.

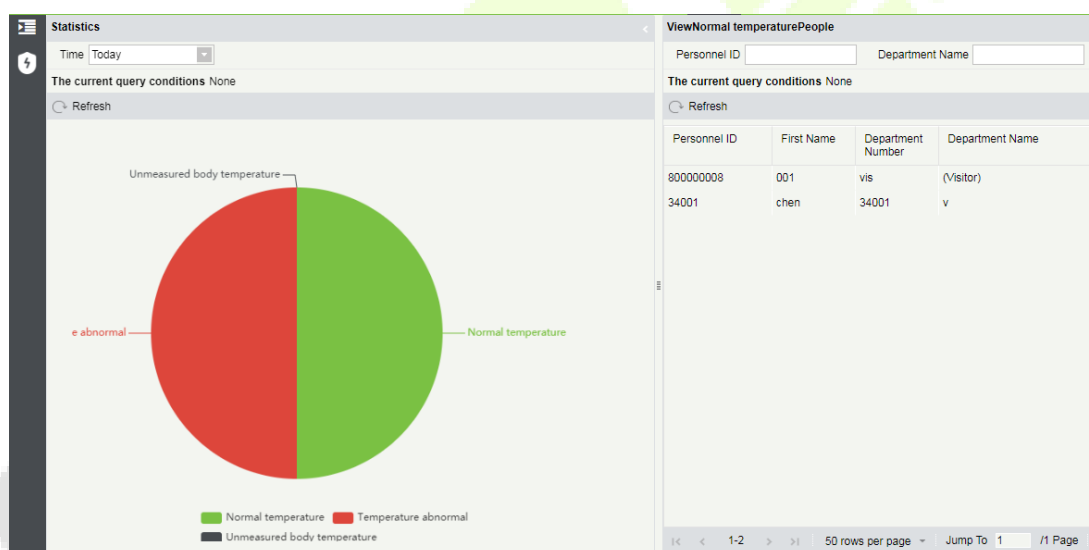
- **Real-Time Monitoring**

Real-time monitoring provides a very clear visualizing interface for the user to detect all the staff or stranger's body temperature and masks who have a verification record on the thermal detection devices.



### Statistic Panel

Statistic panel helps the user to view the body temperature of all the staffs. It allows the Administrator to check the every day's statistics, weekly and monthly statistics.



- Various analysis reports include **[Temperature Raw Record]**, **[Individual Temperature Record Reports]** and **[Abnormal Temperature Record]**, help user to check the individual temperature record by date, and know the employee's daily body temperature, filter the abnormal temperature quickly.

**ZKTECO**

Temperature Management

Real-Time Monitoring

Statistics panel

Temperature Raw Record

Individual Temperature Record

Abnormal Temperature Record

Department Daily Statistic

Monthly Statistics

Parameters

Time From: 2020-04-21 00:00:00 To: 2020-07-21 23:59:59 Name: Personnel ID: More

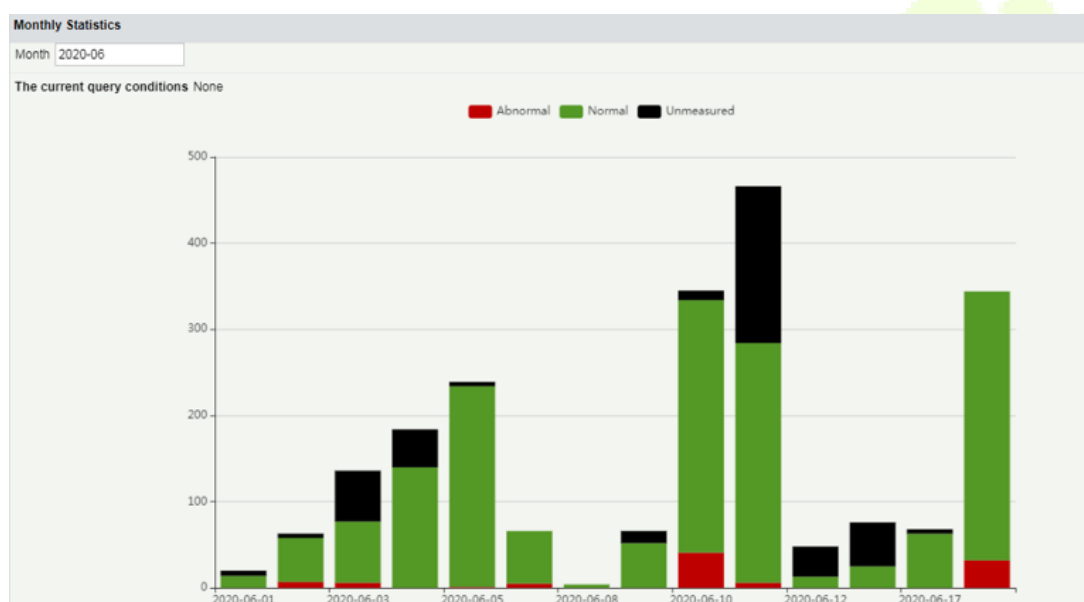
The current query conditions Time From: (2020-04-21 00:00:00) To: (2020-07-21 23:59:59)

Refresh Export

Personnel ID	First Name	Department Number	Department Name	Event Date	Body temperature	Status
4146		25		2020-07-21	36.9, 37.2, 37.0, 36.9, 47.0, 46.9, 47.0, 47.0, 46.7, 47.0, 4	Exception
2454555		1		2020-07-21	37.2, 37.1, 37.1, 37.3, 37.4, 37.4, 37.3	Exception

## - Monthly Statistics

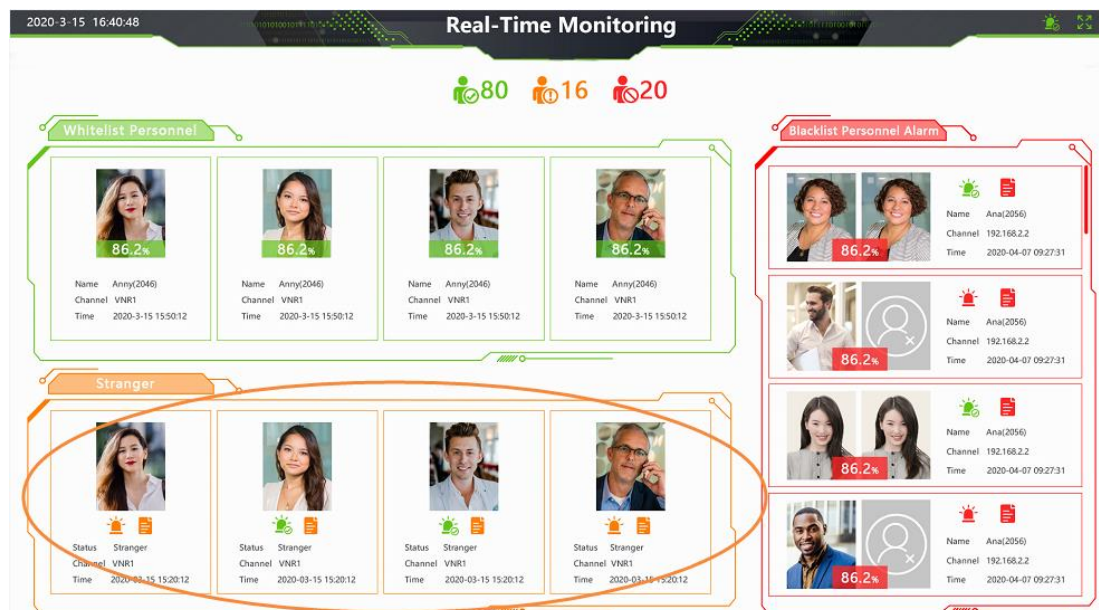
The infographics display the statistics of Abnormal, Normal, and Unmeasured temperature records of the month.



## 2. VMS Module(Video Management System)

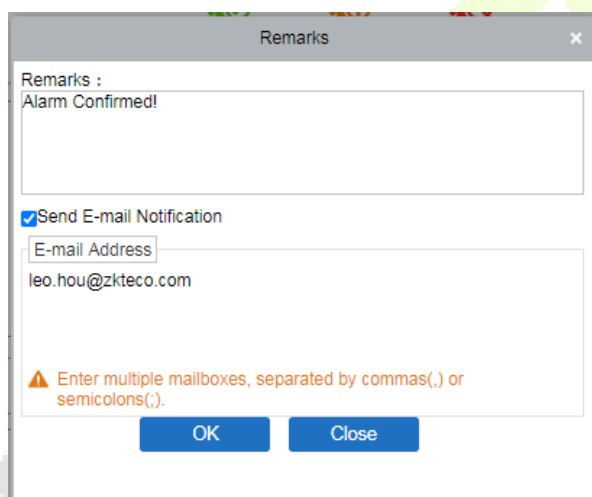
### - Supports Stranger Monitoring

With optimized Facial Recognition NVR and intelligent IPC camera, ZKBio Access IVS now supports stranger screening in real-time.



- **Alarm Confirmation Management**

Allows the user to confirm alarm details by checking the captured photo, previewing video, or checking video records. Users can acknowledge the alarms with remarks and send the notifications.



- **Personnel Track Trace**

According to the time sequence, the Personnel photos captured by the different cameras will be displayed on the 2D maps to simulate personnel tracking.



### • VMS Global Linkage

Allows the user to configure smart video camera events such as Motion Detection, Cross Line Alarm, Human Detection, Blocklist/Stranger Alarm, etc., to trigger intelligent linkage actions, including Video Capture, Video Recording, Access Control (Door open, Close, Lock and Unlock), Email Alert/Notification.

**Edit**

Linkage Name\*  Apply To All ☒

Linkage Trigger Conditions\* [Add](#)

- ☒ Allowlist
- ☒ Blocklist
- ☒ Stranger

Input Point\* [Add](#)

- ☒ CH1
- ☒ CH1

**Linkage Output** | Access Linkage | E-mail

<input checked="" type="checkbox"/> Pop Up Video	Display time	<input type="text" value="10"/>	s(5-60)
<input checked="" type="checkbox"/> Video	Video length	<input type="text" value="30"/>	s(10-180)
<input checked="" type="checkbox"/> Capture	<input type="checkbox"/> In the monitoring page immediately pop up		
	Display time	<input type="text" value="3"/>	s(1-60)

OK Cancel

## 3. Platform&System

- Support backup of database to the FTP Server.

- Newly supports Portuguese (Brazil), French and Arabic languages. It allows users to switch among 12 languages now.

### 3 Version 2.0.0

Release Date: 2020/03/10

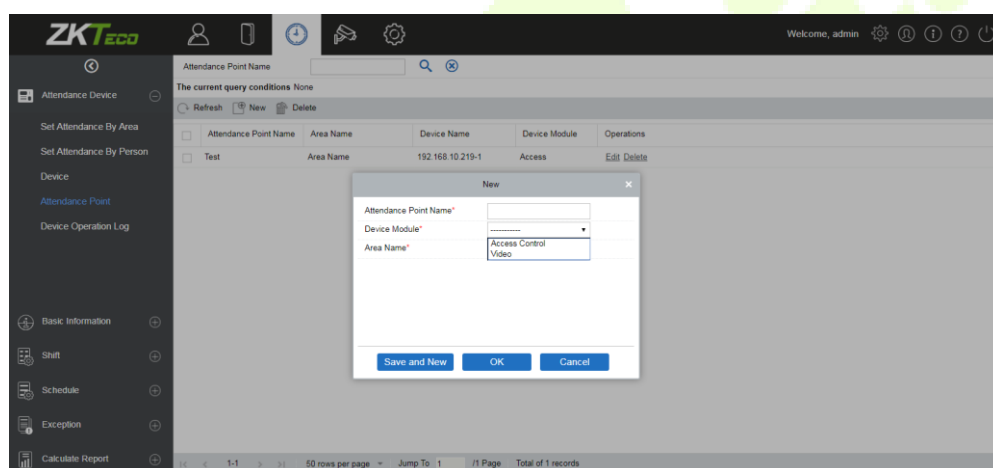
Update Type: Major Updates

#### New Features and Improvements

##### 1. ZKBio Access was renamed ZKBio Access IVS

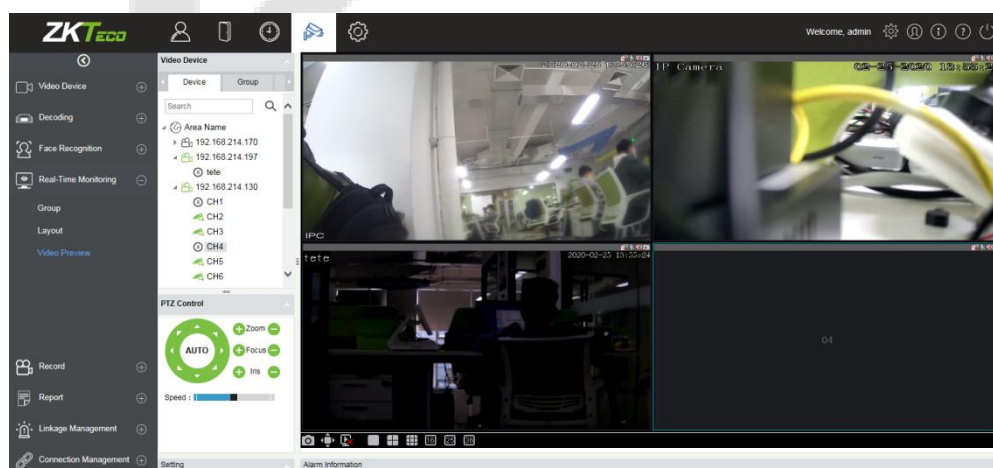
##### 2. Web-based Attendance module

- Supports setting the [Attendance Point] function on an access device and generate T&A logs.
- Supports setting the [Attendance Point] function on a facial recognition NVR video channel and generate T&A logs.
- Supports adding the new platform attendance devices to manage attendance.

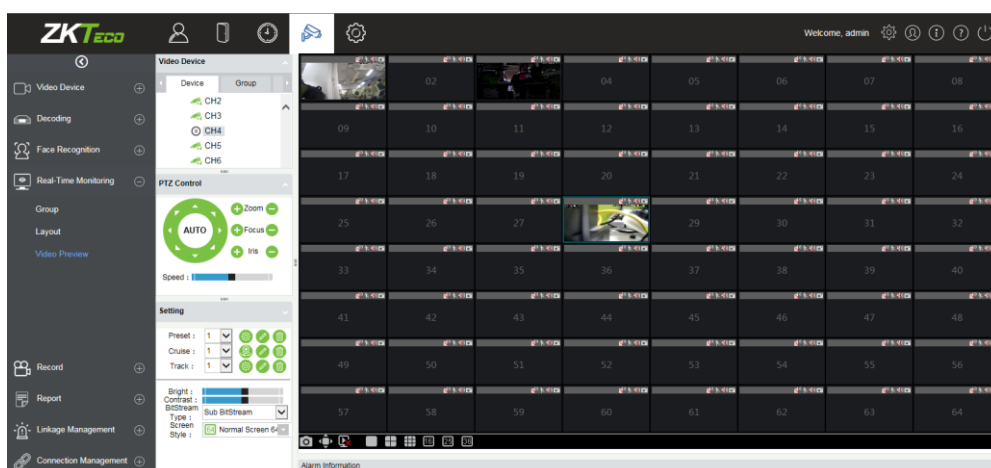


##### 3. VMS module (Video Management System)

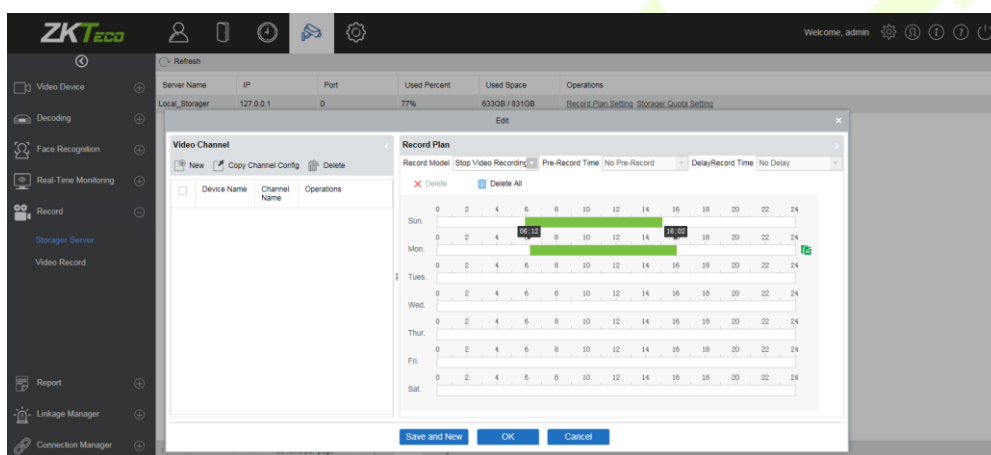
- Supports video preview and playback.



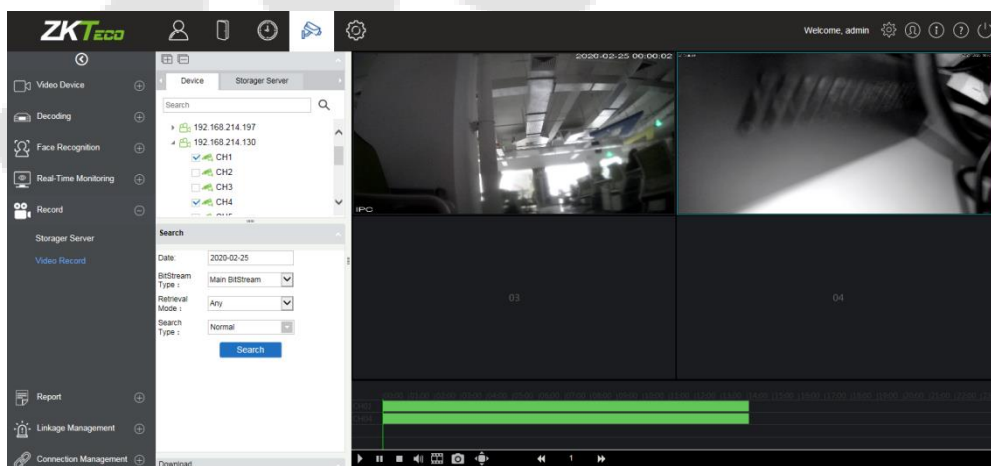
- Supports 64 standard screen segmentation and 48 widescreen segmentation at most.



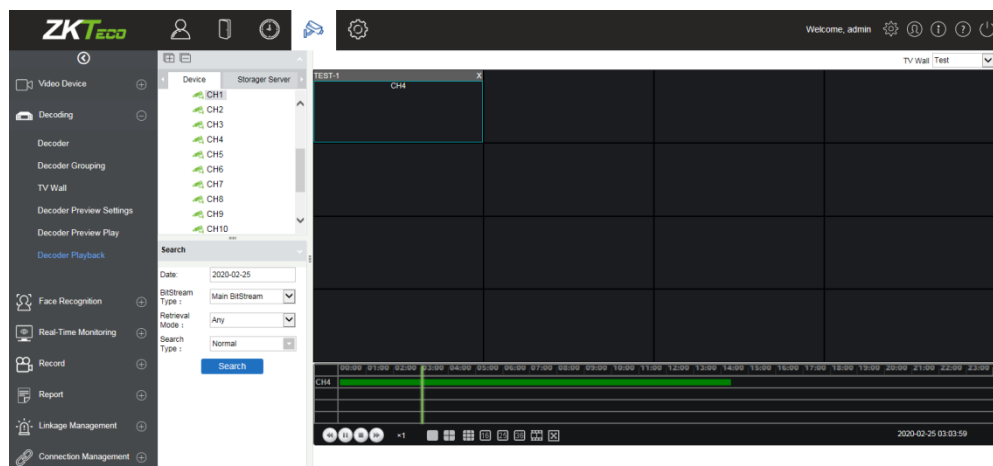
- Supports the plan configuration of timed recording and event recording.



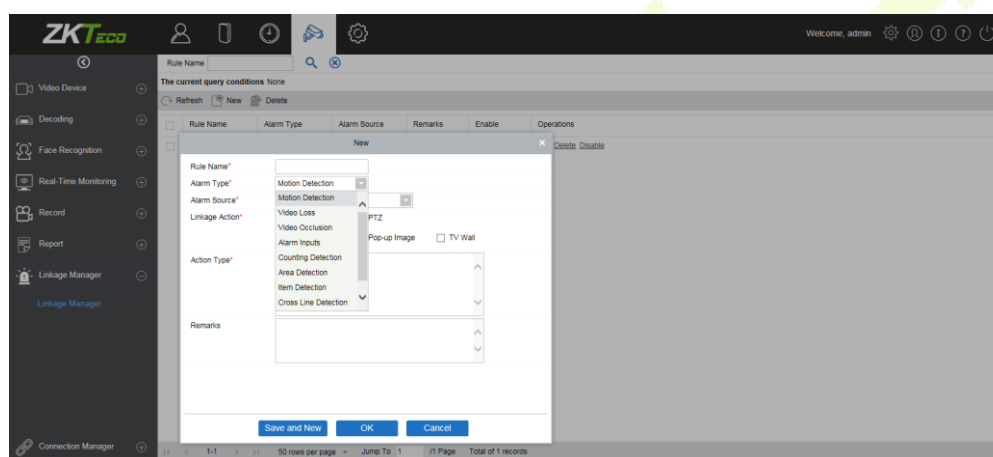
- Supports double code stream, multichannel playback, and up to 16 times the playback speed.



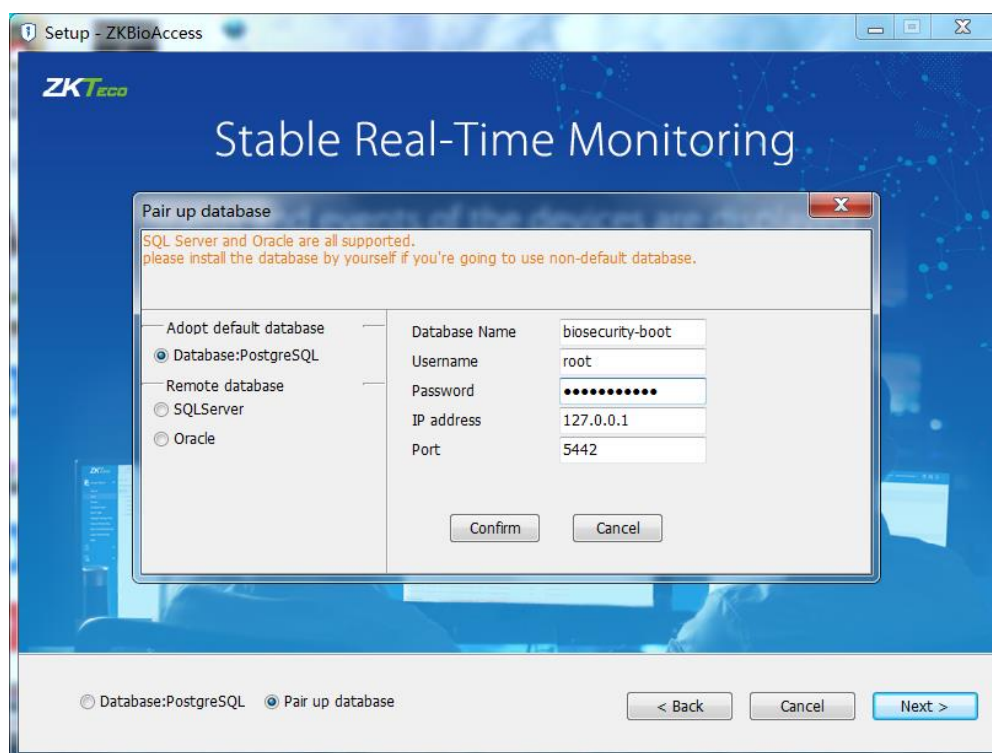
- Supports decoder polling as planned, decoder playback and TV wall splicing function.



- Supports multiple alarm types, such as motion detection, video loss, video blocking, alarm input, count detection, area detection, article detection, and cross line detection.

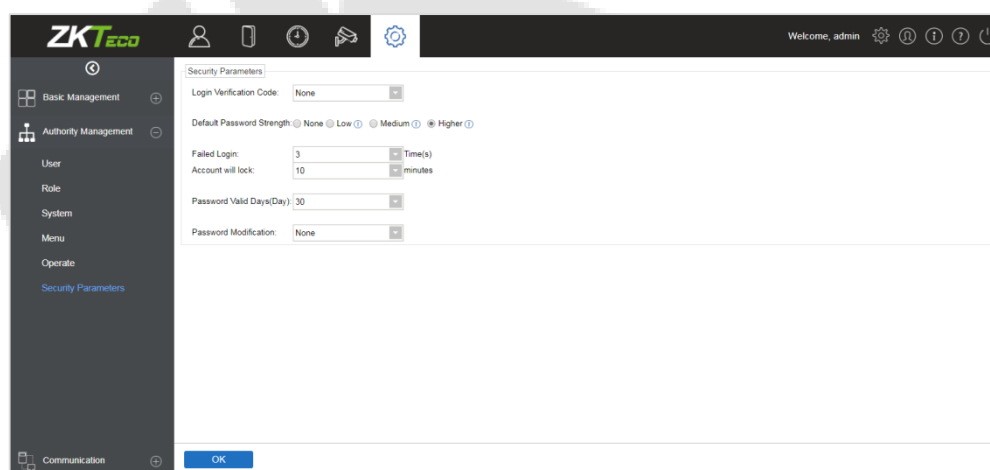


#### 4. **New database supported: MS SQL Server & Oracle.**



## 5. System security improvements

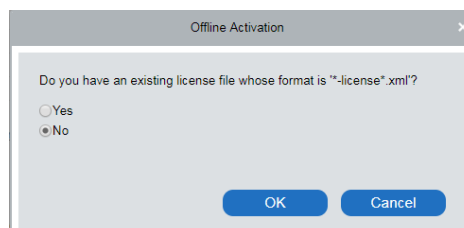
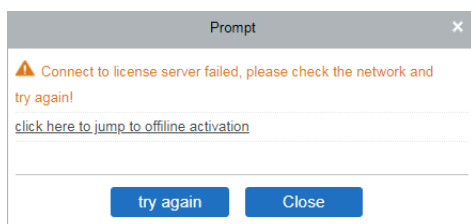
- The default PostgreSQL database supports password change.
- The Password needs to be modified on first login.
- Supports setting the security parameters including Login verification code/ default Password strength/ number of acceptable login fails and account locking duration/ Password validity(in days)/ Password modification.



## 6. Change of Trial rules

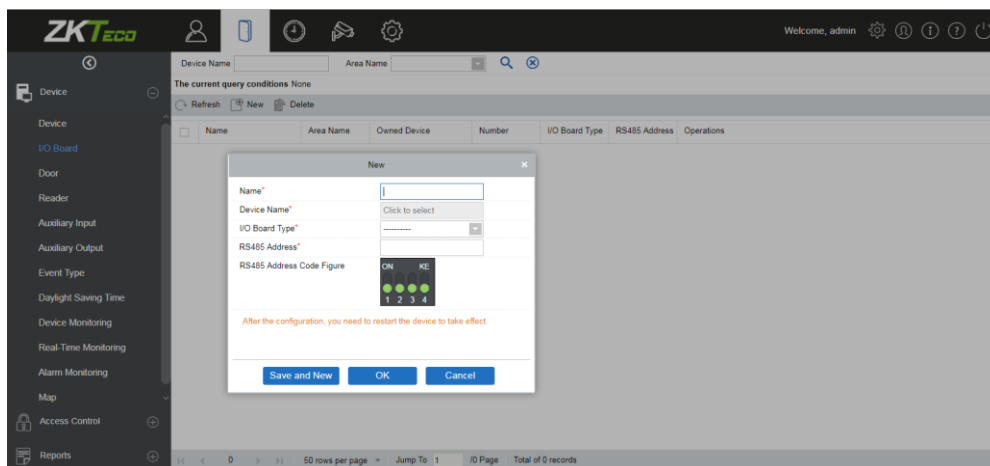
- Increase in trial period points, up to 25 access points/15 attendance points/16 VMS points.
- Trial period is extended to 60 days.

## 7. Optimized License Activation guide, helps the users to activate the license conveniently.

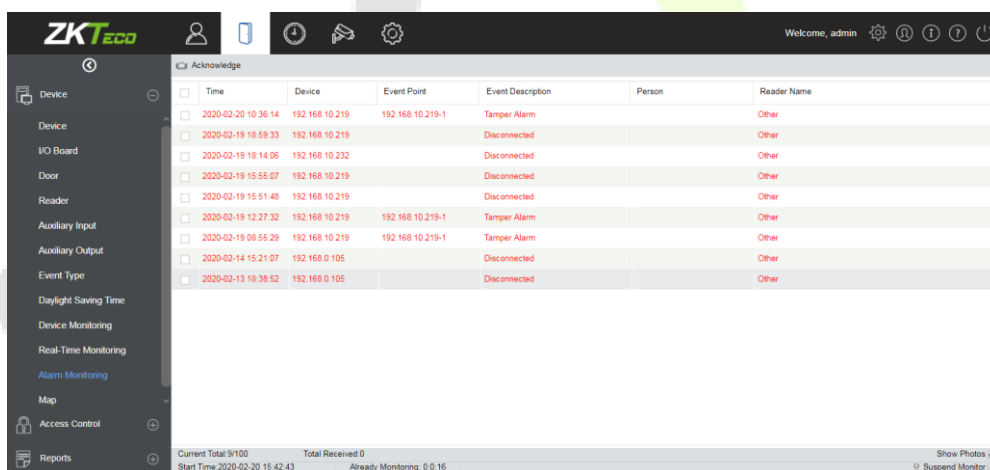


## 8. Access control module

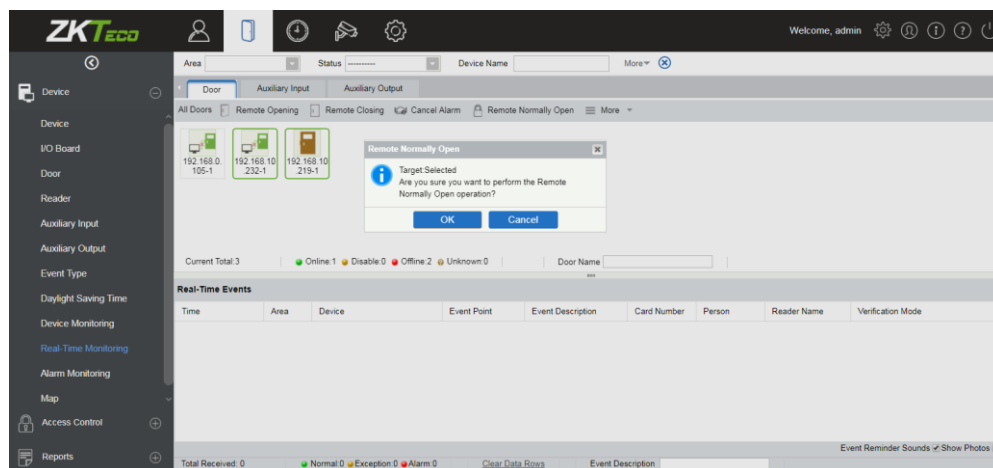
- Added I/O board set, supports expansion board equipment which is used with the Controller.



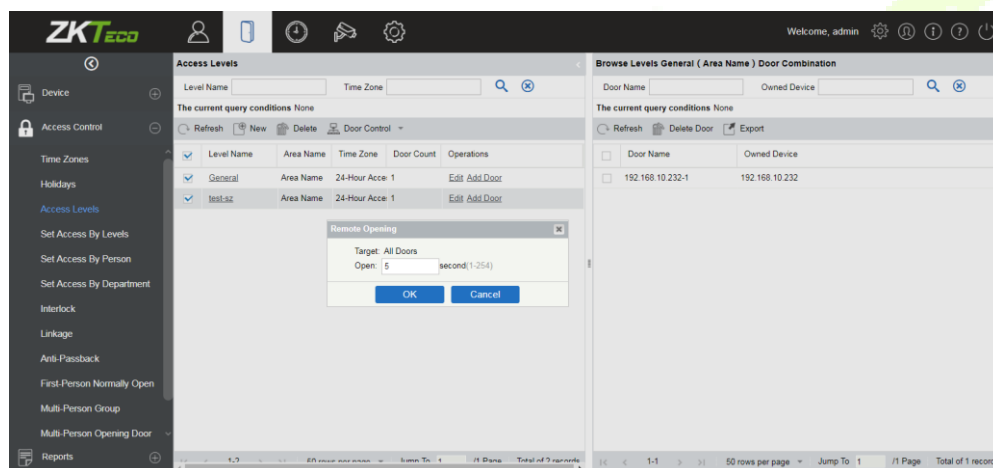
- Added an alarm monitoring page for the users to handle the alarm information.



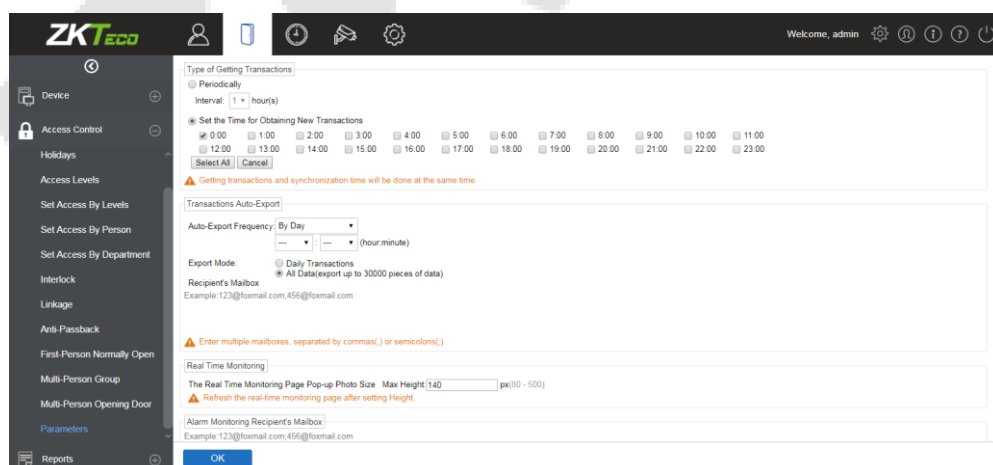
- The real-time monitoring interface of the Access Control module now supports multiple door selection and operation.



- Supports one click to open all the doors of an access level.



- Automatic export function added to the parameter configuration interface.



**Note:** Please refer to the user manual for more details.

## 4 Version 1.1.2

Release Date: 2019/09/20

Updates Type: Patch

### **Bug Fixed**

Fixed the bug that the device list(Access module -> Device) and door list(Access Module -> Door) is not displayed in Turkish windows 10 OS.

## 5 Version 1.1.1

Release Date: 2019/08/26

Updates Type: Patch

### **Bug Fixed**

Corrected the translation of the region in the License Activation menu.

## 6 Version 1.1.0

Release Date: 2019/08/02

Updates Type: Minor Updates

### **New Features and Improvements**

#### 1. Multi-language real time switching support.

Convenient for different native speakers to select the corresponding language to operate the software. The software currently supports real-time switching in 7 languages including English, Spanish, Thai, Indonesian, Vietnamese, Simplified Chinese and Traditional Chinese..

**Note:** Only after the installation is completed, the software supports switching to Simplified Chinese.

#### 2. Supports Temporary staff self-service scanning QR code registration function.

Temporary personnel can use the mobile phone to scan the QR code to register personnel information, and it also supports uploading their own user photos for visible light facial recognition devices for attendance or door opening.

#### 3. Supports HTTPS protocol for data security, avoiding the risk of information disclosure and reducing the probability of a website being hacked.

## 7 **Version 1.0.0**

Release Date: 2019/02/23

Updates Type: Release

No Content Available



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