Release Notes

ZKBio CVAccess

Date: May 2024

Doc Version: 1.8

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.

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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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About the Company

ZKTeco is one of the world's largest manufacturers 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 CVAccess.

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

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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. **OK**, **Confirm**, **Cancel.**
>	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 represents a note that needs to pay more attention to.
	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/ ZKBio CVAccess 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 updates, please contact us.]

----------Below is the ZKBio CVAccess update log----------

2 Version 4.1.0

Release Date :2024/05/16 Update Type: Release and Major Updates

New Features and Improvements

Module	Description
Access Control	Video Linkage supports configuring the video recording duration before and after event triggering.
Attendance	1. Add [Import personnel cycle scheduling] function, which allows batch import of cycle schedules through an Excel table. 2. Add a new field for attendance status in attendance reports
Smart Video Surveillance	1. Update the design of the device management interface. 2. Add management support for ZKIVA Edge T1/T2 devices. 3. Redesign the C/S client UI. 4. Support video rotational patrol decoding on the wall. 5. Add PTZ pan-tilt control to map management.

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Other	Bug Fixes: This update resolves multiple previously identified issues, resulting in improved system performance and enhanced stability.

3 Version 4.0.0

Release Date :2023/11/25 Update Type: Release and Major Updates

New Features and Improvements

Module	Description
Platform & Software Name	1. Upgrade the Platform to V6600, with more powerful, stable and compatible Architecture. 2. With the empower of new technology of Computer Vision , starting a new generation by upgrading ZKBio Access IVS to ZKBio CVAccess.
Personnel	1. Upload and view face picture 2. Protection of sensitive personal information
Access Control	1. Device Management: Quickly update and copy data to a new device after a device failure. 2. Door Video View :Real-time monitoring page allows you to preview the door video screen in real time. 3. Setup Wizard: New floating setup wizard.
Attendance	1. Add more attendance reports, support a total of 19+ reports 2. Support user-defined reports 3. Support flexible timetable and schedule
Smart Video Surveillance	New architecture new plug-ins, new video capabilities : 1. Supports up to 1024 channels connection via NVR. 2. Maximum 64 channels preview and 16 channels playback simultaneously. 3. Conventional video management features such as real-time preview, PTZ control, video playback, Alarm, etc. 4. Video wall decoding for floating window, alarm on wall, preview on wall, one click quick on wall. 5. Smart video analysis from NVR for perimeter protection: Target Count, Area Detection, Line Crossing, Smart motion triggered by human & vehicle classification, Object Left/Lost. 6. Smart quick retrieve video based on human and vehicles classification alarm types. 7. Intelligent video scene to adopt more intelligent applications, such as tailing detection, people counting, structured recognition, etc. 8. Graphical & smart alarm center to check and acknowledge all the alarm notifications. 9. GIS Map for real-time monitoring, support Google Maps, Baidu Map, SuperMap.

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	10. Watermark function to protect video and data privacy. 11. The smart video patrol solution offers automatic patrolling of designated points by customizing the lines and time intervals viewed by surveillance cameras, all while maintaining security through the use of GIS maps.. 12. Supports video intercom.

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----------Below is the ZKBio Access IVS update log----------

4 Version 3.3.2

Release Date: 2023/05/30 Update Type: Patch

Bug Fixed

1. Fixed the bug that the Daily attendance push report was empty.
2. Fixed the bug that cannot preview the Export Attendance Photos.
3. Fixed the bug that the Access Level cannot sync data while the access level named including some special characters.
4. Fixed the bug that software cannot get transactions from device while the device model is empty.

5 Version 3.3.1

Release Date: 2022/05/23 Update Type: Patch

Bug Fixed

1. Fixed the bug that the check-out time cannot edit while adding the timetable when login with Italian, Romanian languages.
2. Fixed the bug that SQL SERVER database table deadlock while syncing patch data .

6 Version 3.3.0

Release Date: 2021/07/01 Update Type: Minor Updates

New Features and Improvements

1. **Software Language**
   - The new version supports Turkish language. It allows users to switch among 18 languages. Enter the login credentials and select the required language from the drop-down list.
   - Updates the translation of Korean and Vietnamese languages.

2. **New APP for ZKBio Access IVS**

   The ZKBio Access IVS **Mobile APP** is the mobile client for ZKBio Access IVS new version. There are two types of user accounts, **Administrator** and **Employee**.

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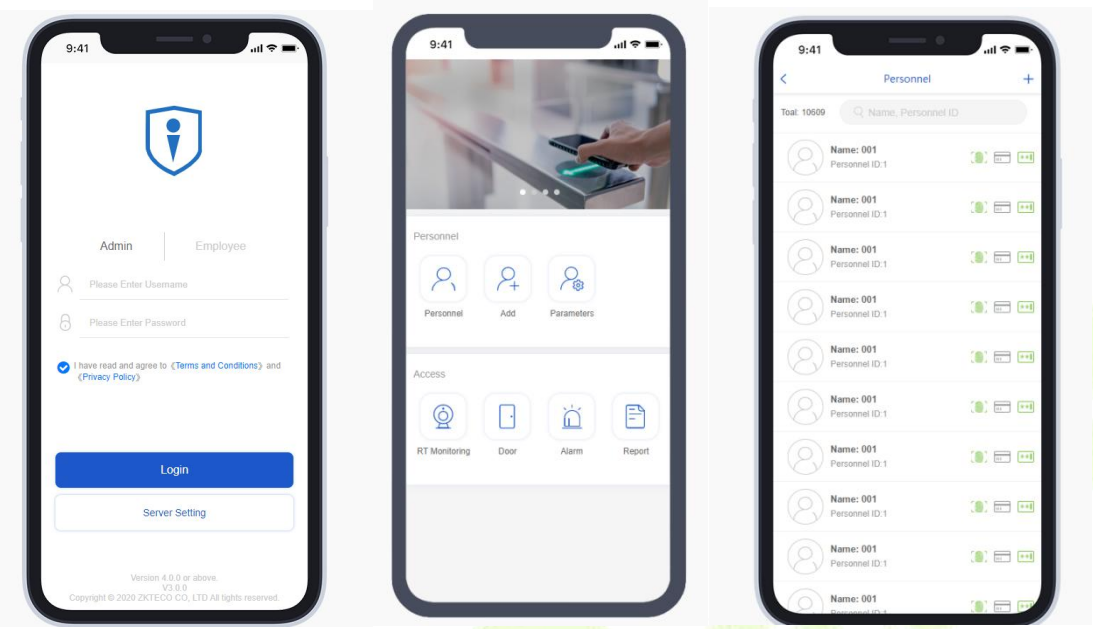
While logging in as an administrator, it is very convenient for users to add personnel, control the doors and view the reports etc.



It allows employees to user **Mobile Credentials** to open doors when logging in App with their accounts.

3. **Platform Features Upgrade**

For data export, user password is required for the security verification purpose in the system. Data export includes all kinds of reports, personnel information and so on.

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On the Export interface, user can choose whether to "**Encrypt or Not**" by clicking on "**Yes**" or "**No**". By clicking on Yes, a user is allowed to encrypt the export data file.

7 Version 3.2.2

Release Date: 2021/07/01 Update Type: Patch

Bug Fixed

Fixed the bug that the remote opening transactions cannot be viewed in the reports and the real-time monitoring page.

8 Version 3.2.1

Release Date: 2021/05/20 Update Type: Patch

Bug Fixed

3. Fixed the bug that the software cannot start up in minority language OS.
4. Fixed the bug that the Check-in & Check-out time cannot be filled in Italian.
5. Fixed the bug that cannot fill the IP address of device while adding device manual.

9 Version 3.2.0

Release Date: 2021/04/06 Update Type: Minor Update

New Features and Improvements

1. **Software Languages**

   The new version supports German, Italian, Romanian, and Polish languages. It allows the users to switch among 17 languages. Enter the login credentials and select the required language from the drop-down list.

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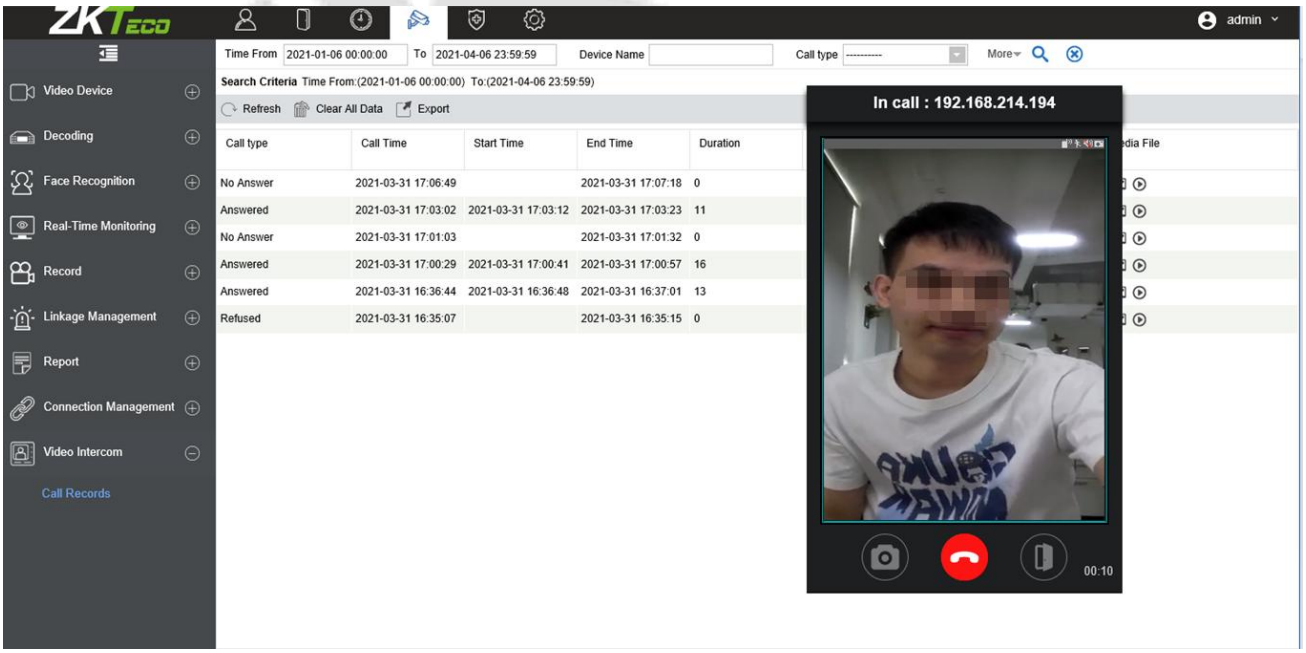
2. **Video Intercom**

The new version supports the access control device SpeedFace-V5L with video intercom. Since the software supports the video intercom function, the video intercom call record report is newly added.

Once the device is added and the software is logged-in, incoming video calls from the visual intercom device will automatically appear on the screen, allowing you to accept or reject the call. Meanwhile, users can remotely open the door, and use the video and voice intercom functions.



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10 Version 3.1.0

Release Date: 2020/10/23 Update Type: Minor Update

New Features and Improvements

1. **Software Language**

   The new software supports Japanese language as well. It allows users to switch among 13 languages. Enter the login credentials and select the required language from the drop-down list.

2. **Register Palm through PV10R**

   Our software allows PV10R to scan and capture the palm and vein templates.

   - PV10R is a touchless scanner for capturing palm and vein templates.
   - ZKBio Access IVS allows user using PV10R to scan and register employee's Palm data easily**.**
   - On the **Personnel** module, click **New** >**Access Control**> **Palm/Vein Registration** to register and then click **OK** to save and update.

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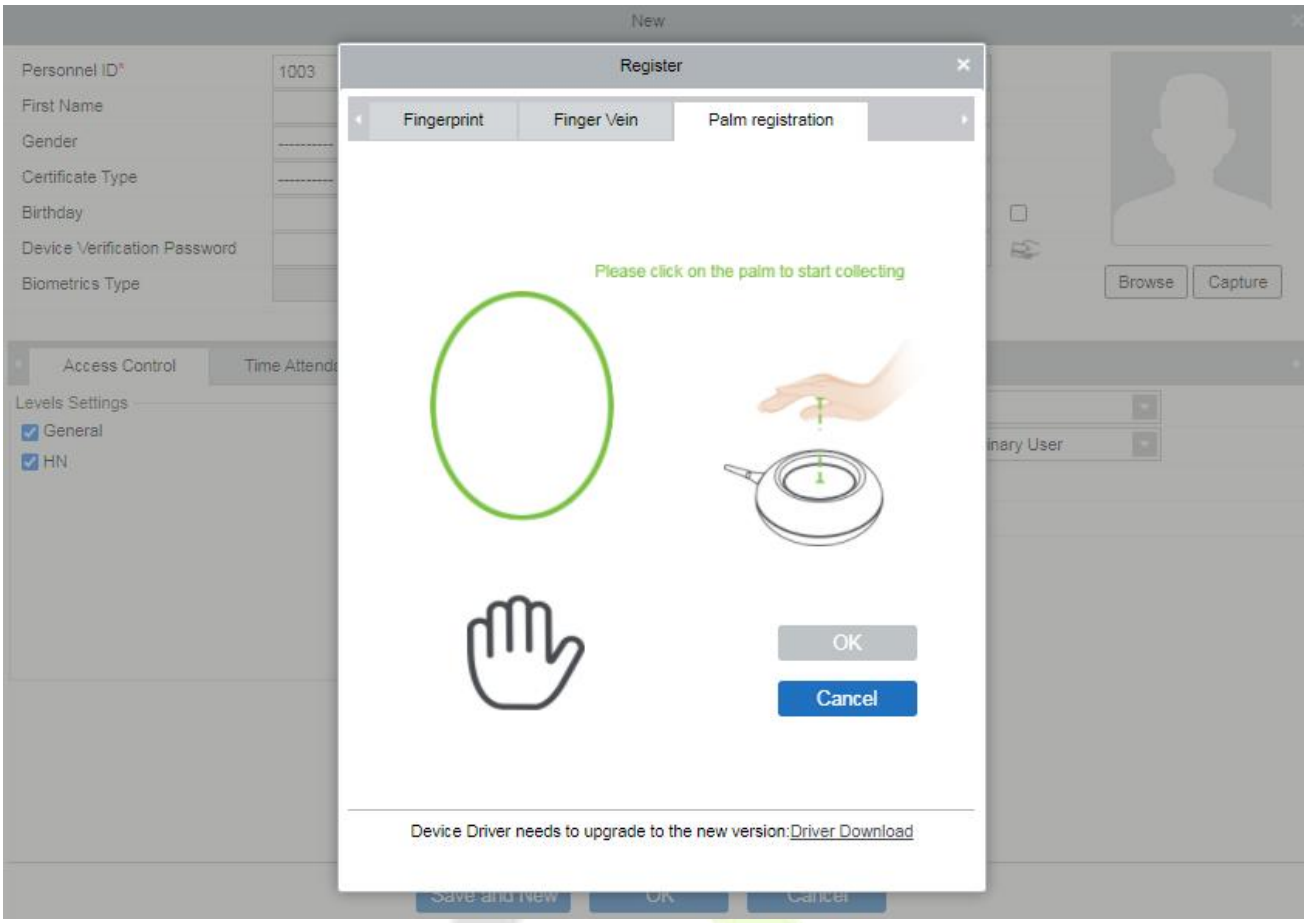

3. **Sending Automatic Temperature Reports**

This newly added function allows the user to configure sending the exported Temperature Raw Record, Individual Temperature Record, Abnormal Temperature Record to the selected email accounts on time.

- On the **Temperature Management** module, click **Temperature Management** > **Automatic Report**, and then select the Report Type (Temperature Raw Record or Individual Temperature Record or Abnormal Temperature Record) from the drop-down list.
- After selecting the required report details, configure the **Mail Delivery Time Setting** and the **Mail Setting** displayed on the right of the **Edit** window, and then click **OK** to save and update the changes.

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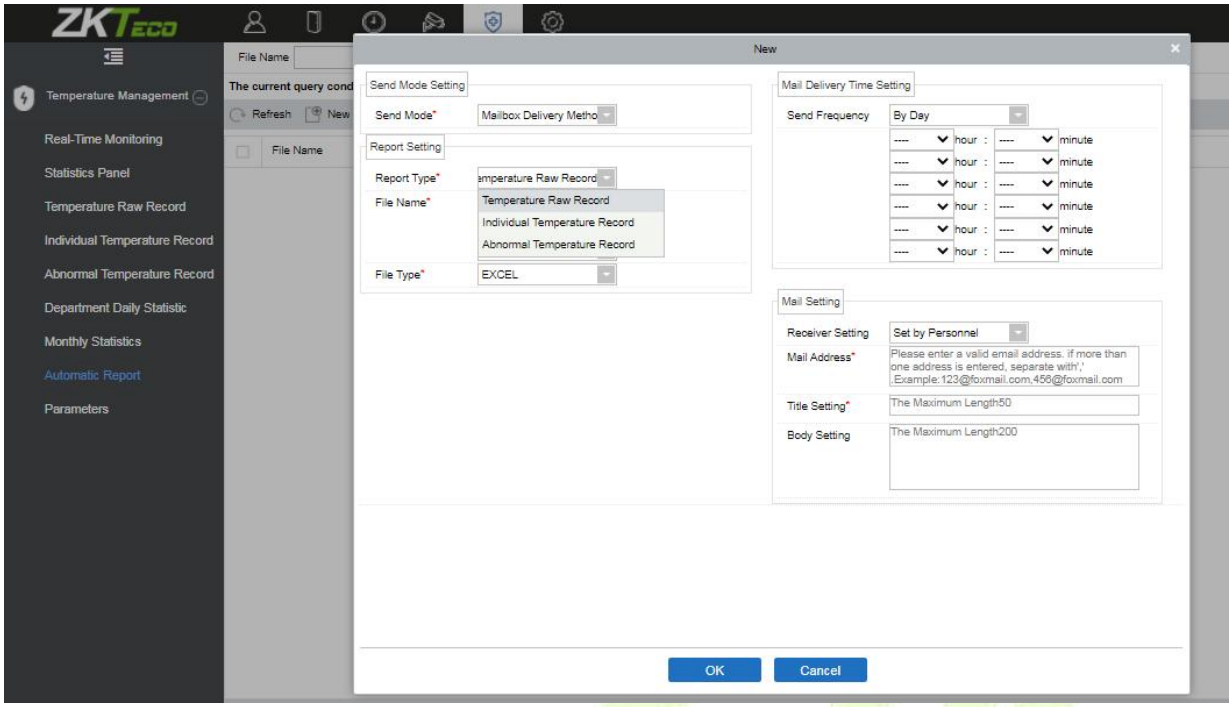

11 Version 3.0.0

Release Date: 2020/07/27 Update Type: Major Update

New Features and Improvements

1. **Temperature Detection Module**

   Combines the technology with infrared temperature detection to provide accurate and fast temperature detection during verification, the new ZKBio Access IVS provides 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.

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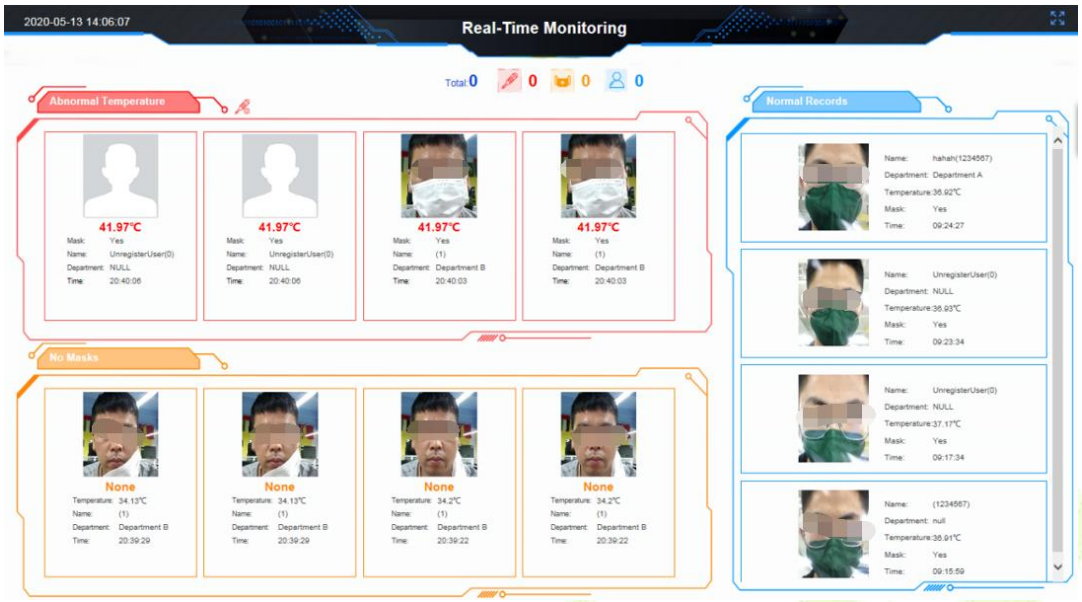
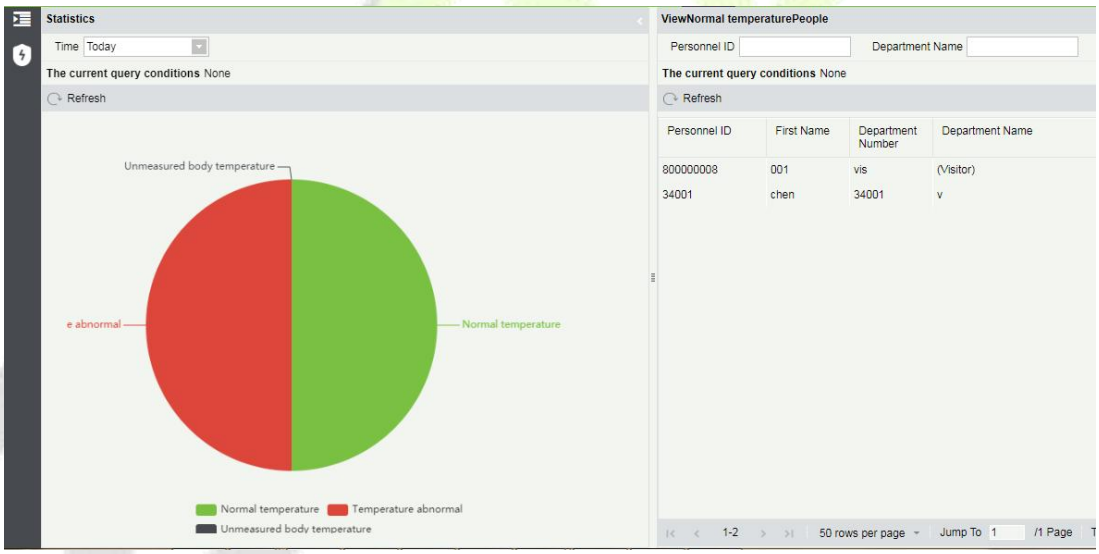


- **Statistic Panel**

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



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

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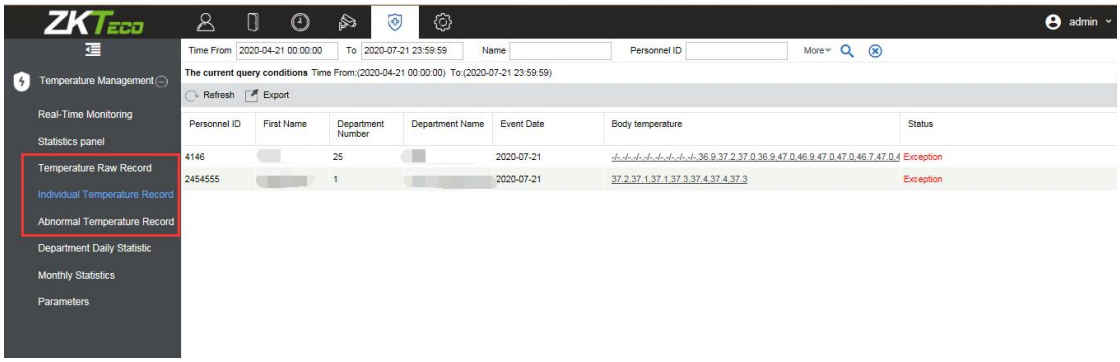
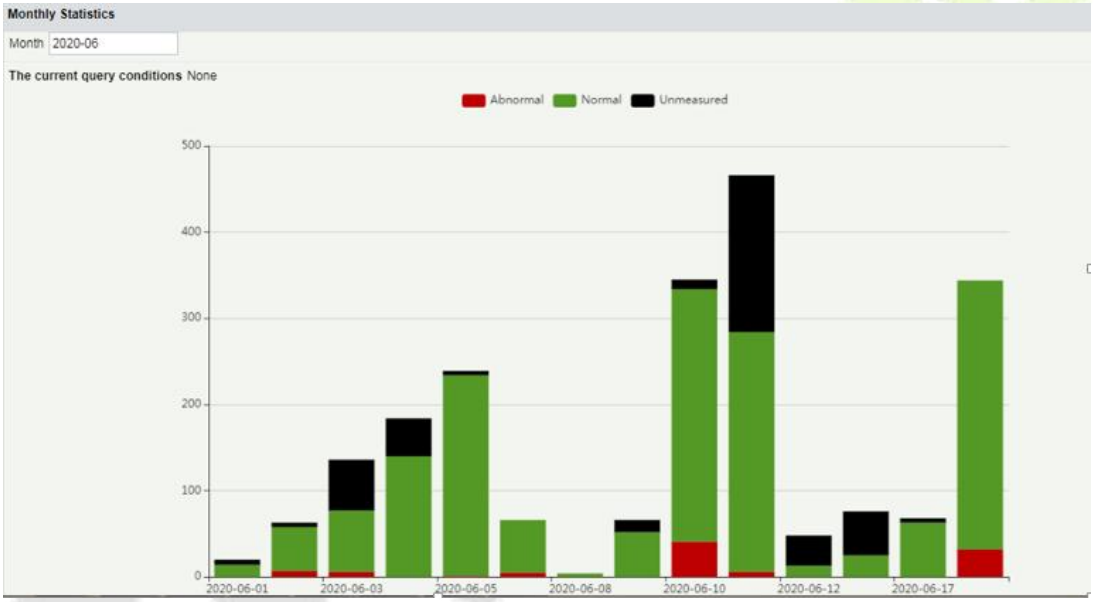


- **Monthly Statistics**

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

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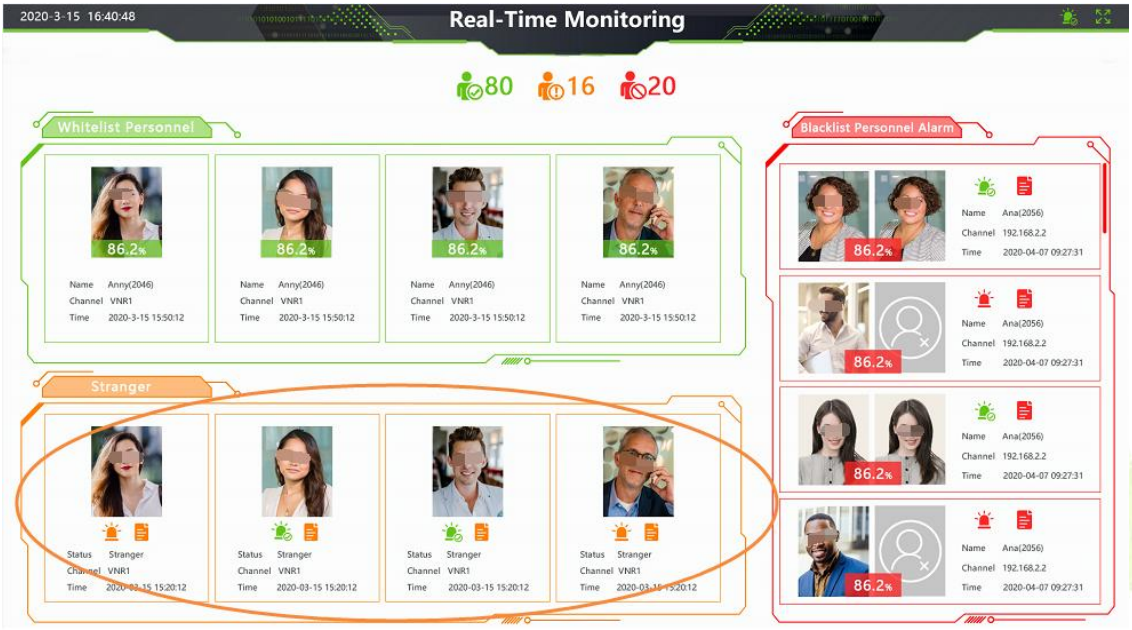
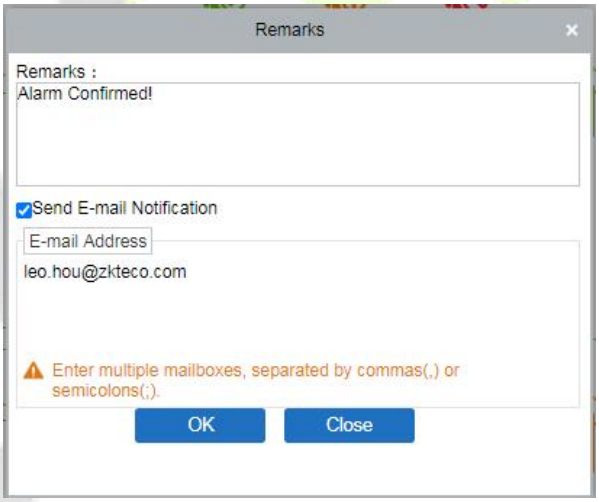


- **Alarm Confirmation Management**

  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.

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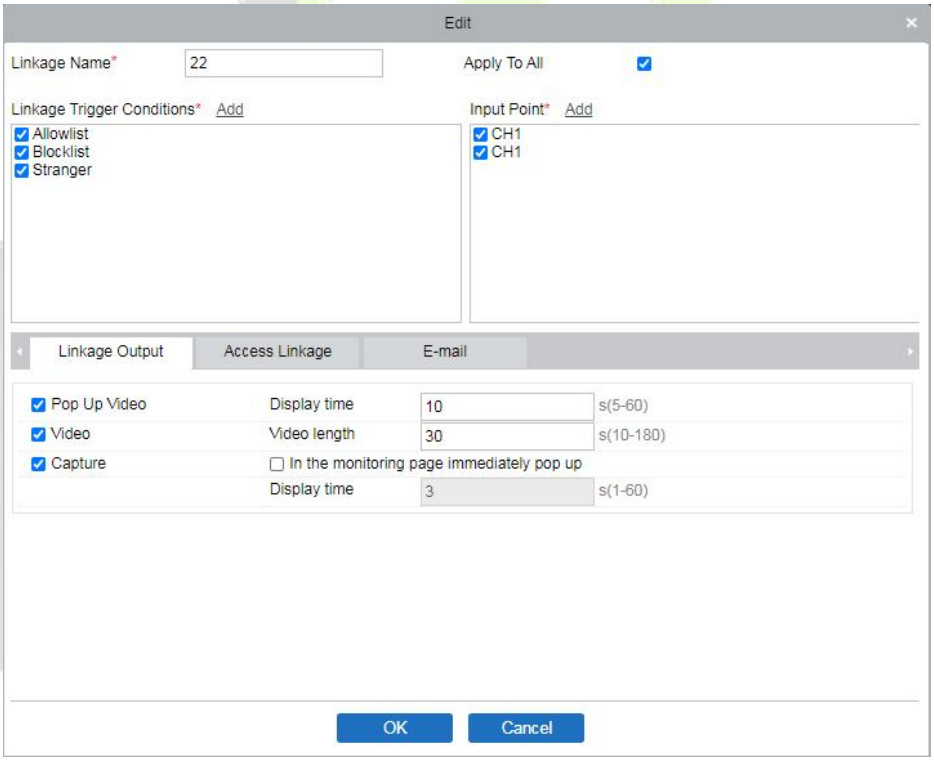
- **VMS Global Linkage**

  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.



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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.

12 Version 2.0.0

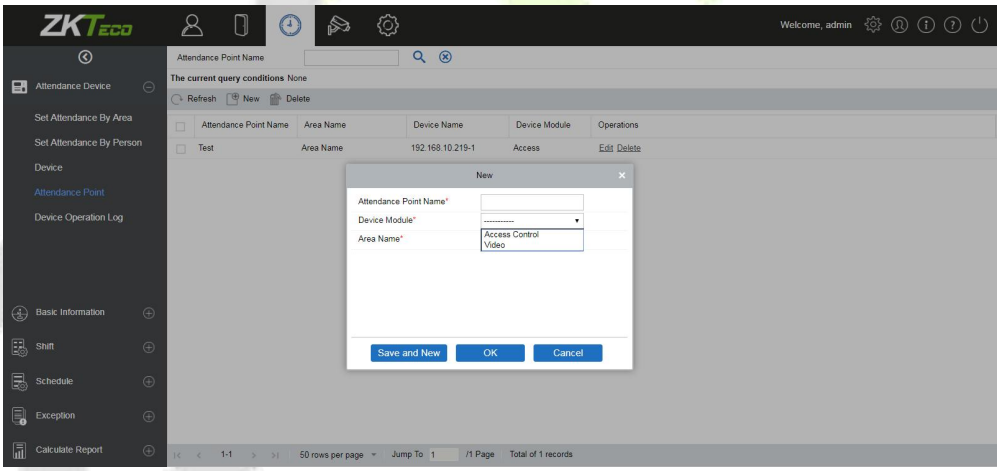
Release Date: 2020/03/10 Update Type: Major Update

New Features and Improvements

1. **ZKBio Access was renamed as 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.

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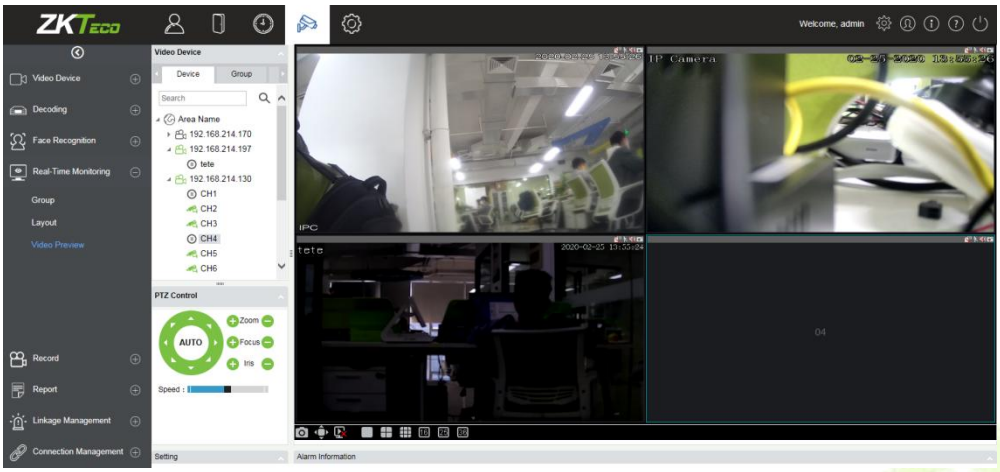
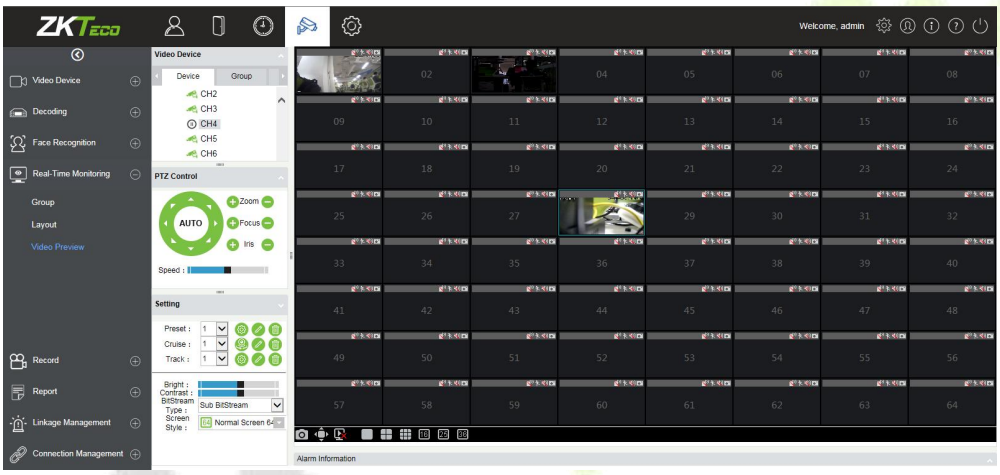
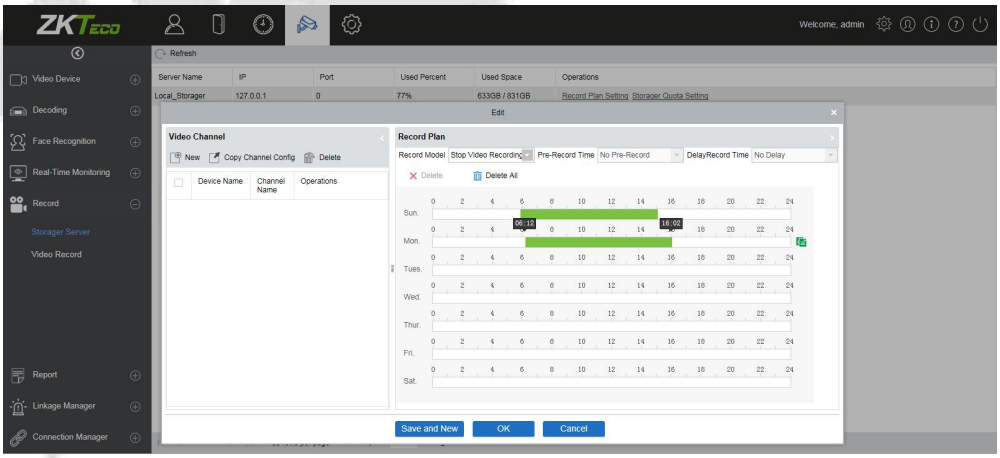


- Supports 64 standard screen segmentation and 48 widescreen segmentation at most.



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



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

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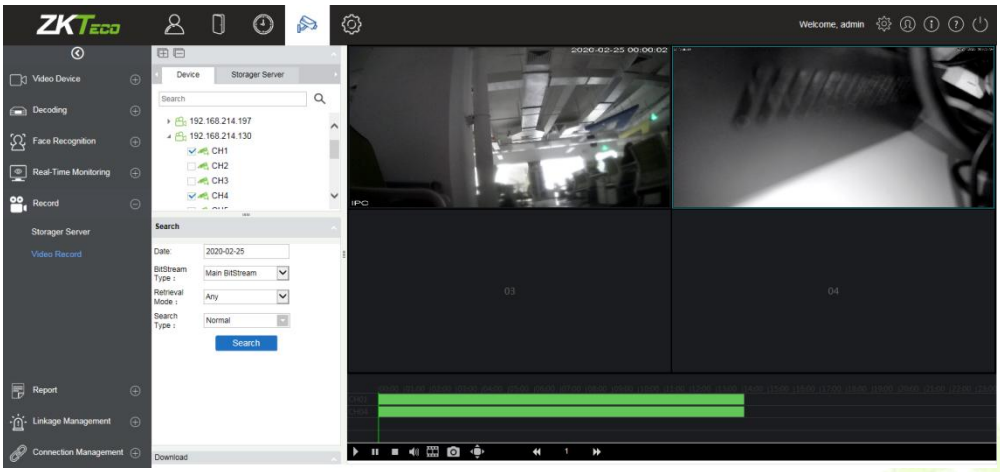
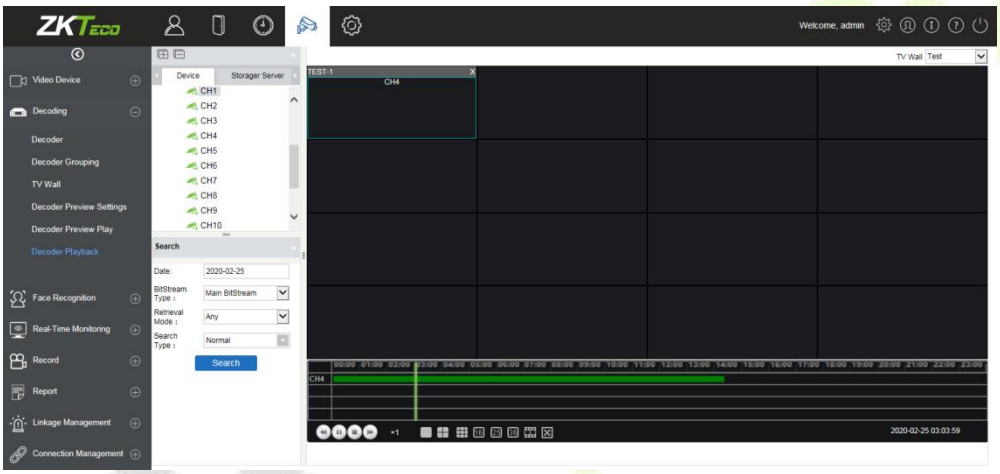
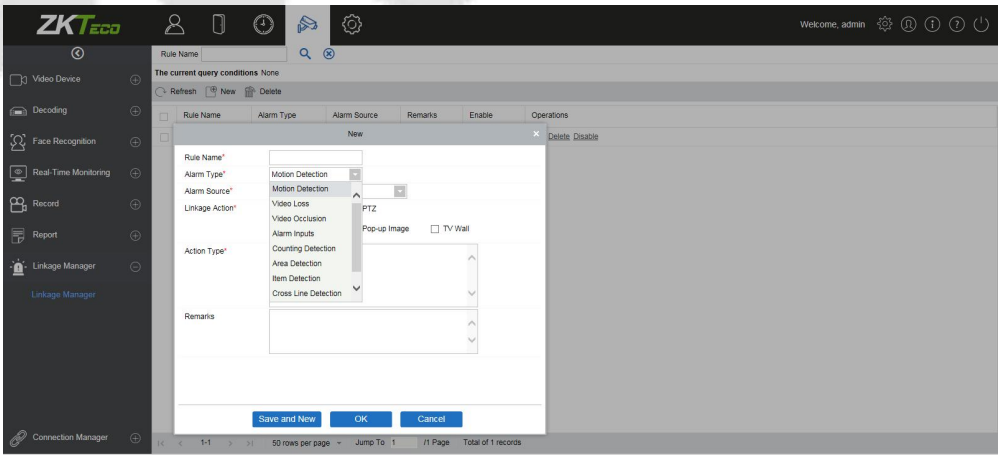


- Supports decoder polling as planned, decoder playback and TV wall splicing function.



- Supports multiple alarm types, such as mobile 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.

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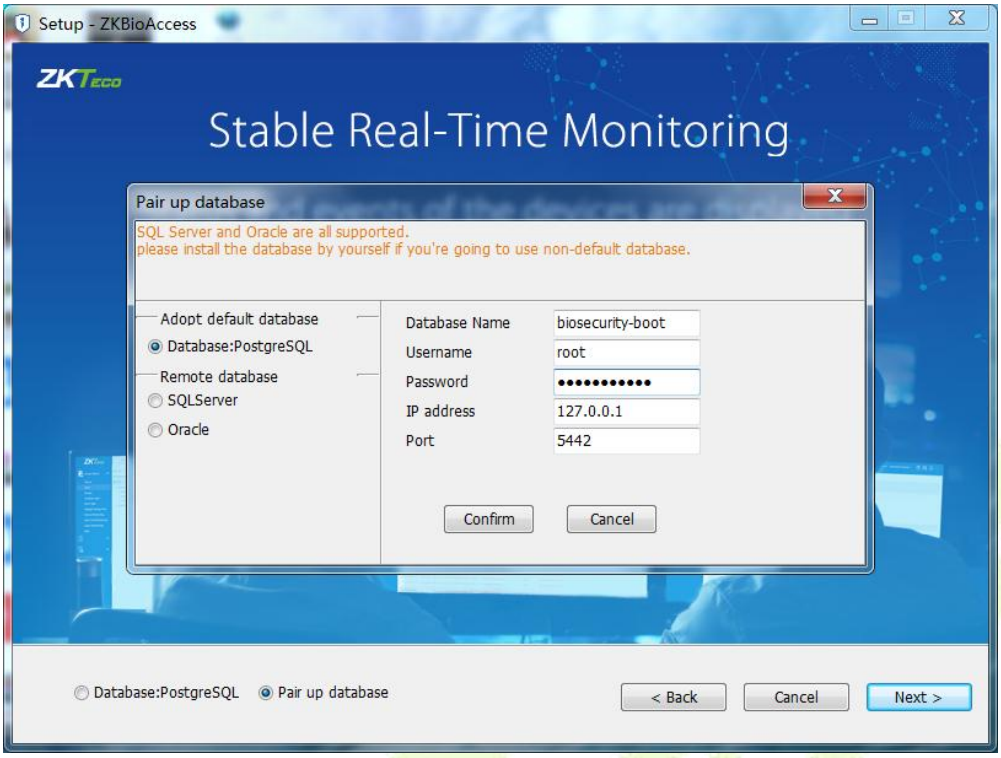
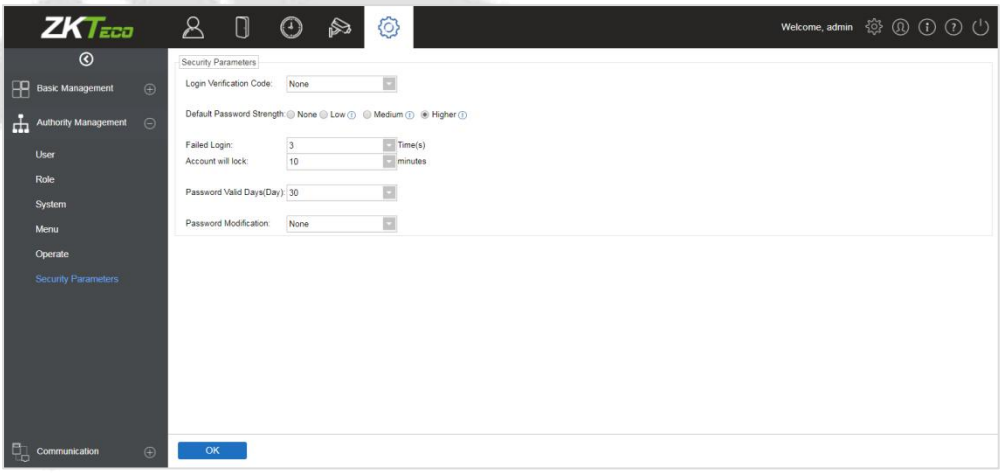


5. **System security improvements**

- The default PostgreSQL database supports password change.
- The Password needs to be modified on the 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 trail period points, up to 25 access points/15 attendance points/16 VMS points.
- Trial period is extended to 60 days.

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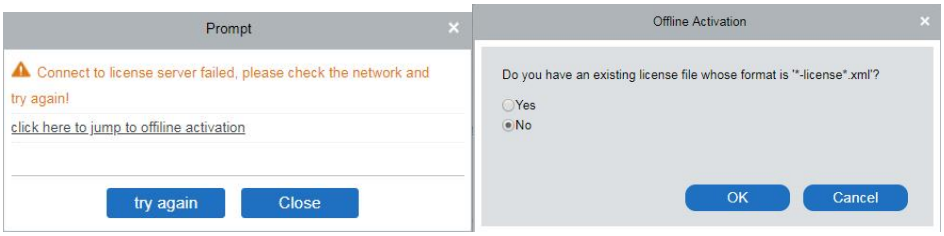
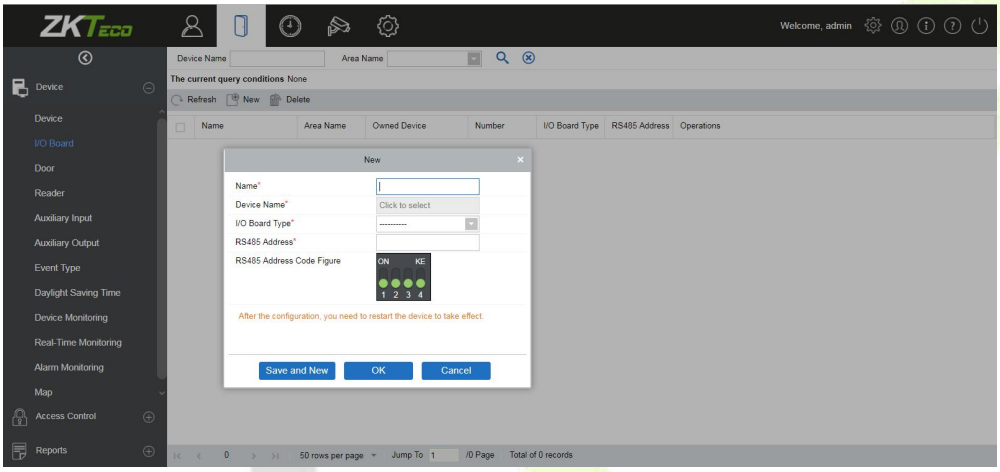
7. **Optimized License Activation guide helps the users to activate the license conveniently.**

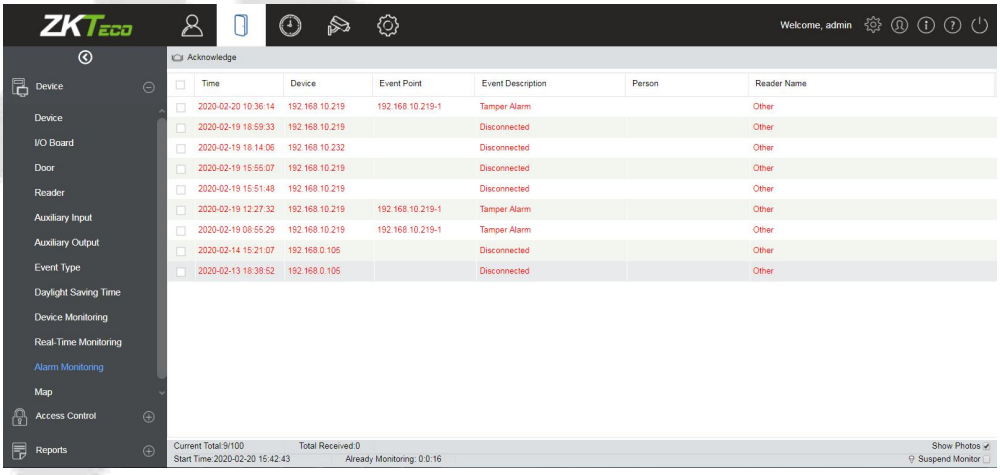


8. **Access control module**

- 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.

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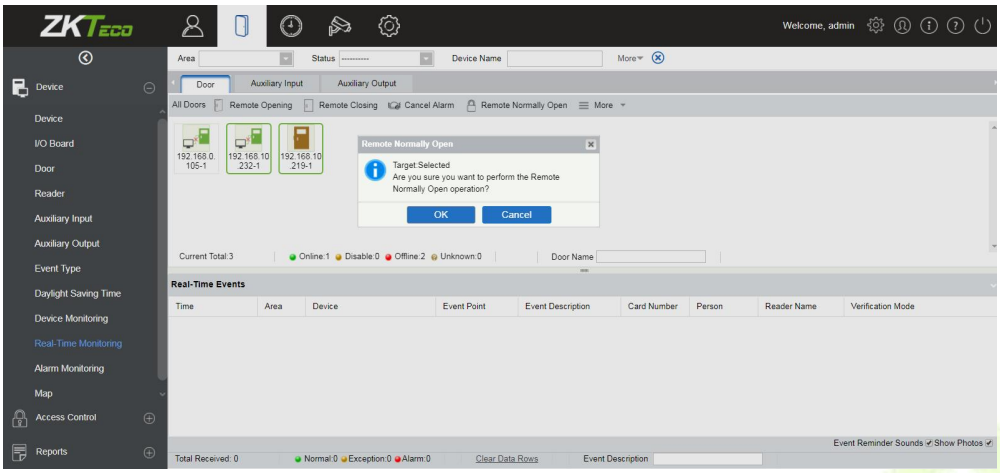
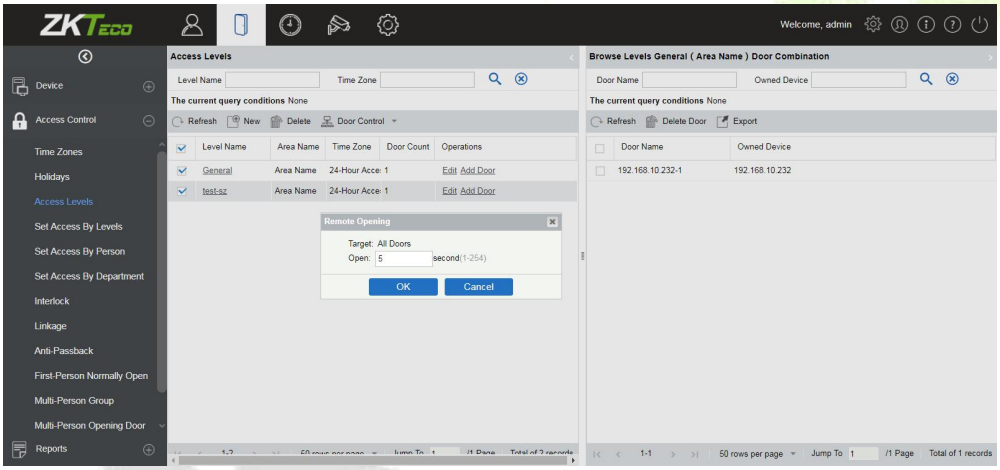
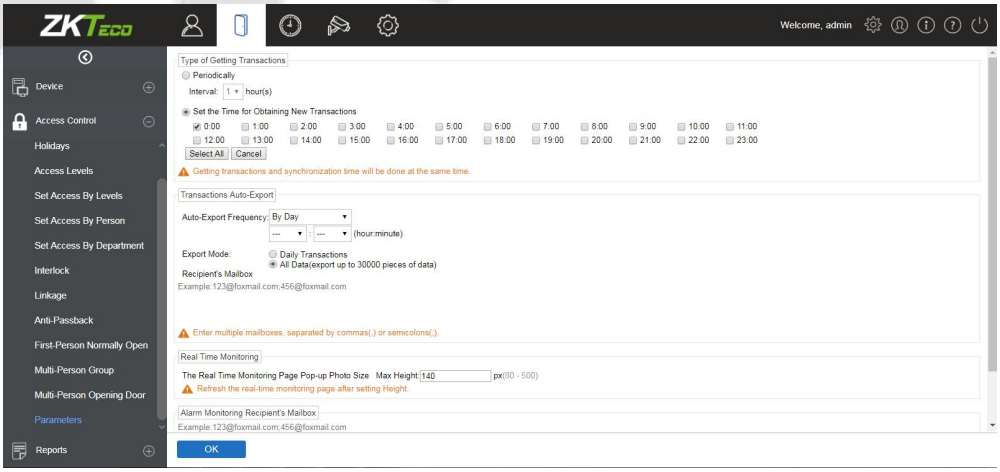


- Supports one click to open all the doors of an access level.



- Automatic export function is added to the parameter configuration interface.



Note: Please refer the user manual for more details.

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13 Version 1.1.2

Release Date: 2019/09/20 Update Type: Patch

Bug Fixed

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

14 Version 1.1.1

Release Date: 2019/08/26 Update Type: Patch

Bug Fixed

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

15 Version 1.1.0

Release Date: 2019/08/02 Update Type: Minor Update

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.

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16 Version 1.0.0

Release Date: 2019/02/23 Update Type: Release

No Content Available

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