

# WDMS 8.0

## Change Log

Date: November 2020

Software Version: 8.0.3

Doc Version: 4.0

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.



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[www.zkteco.com](http://www.zkteco.com).

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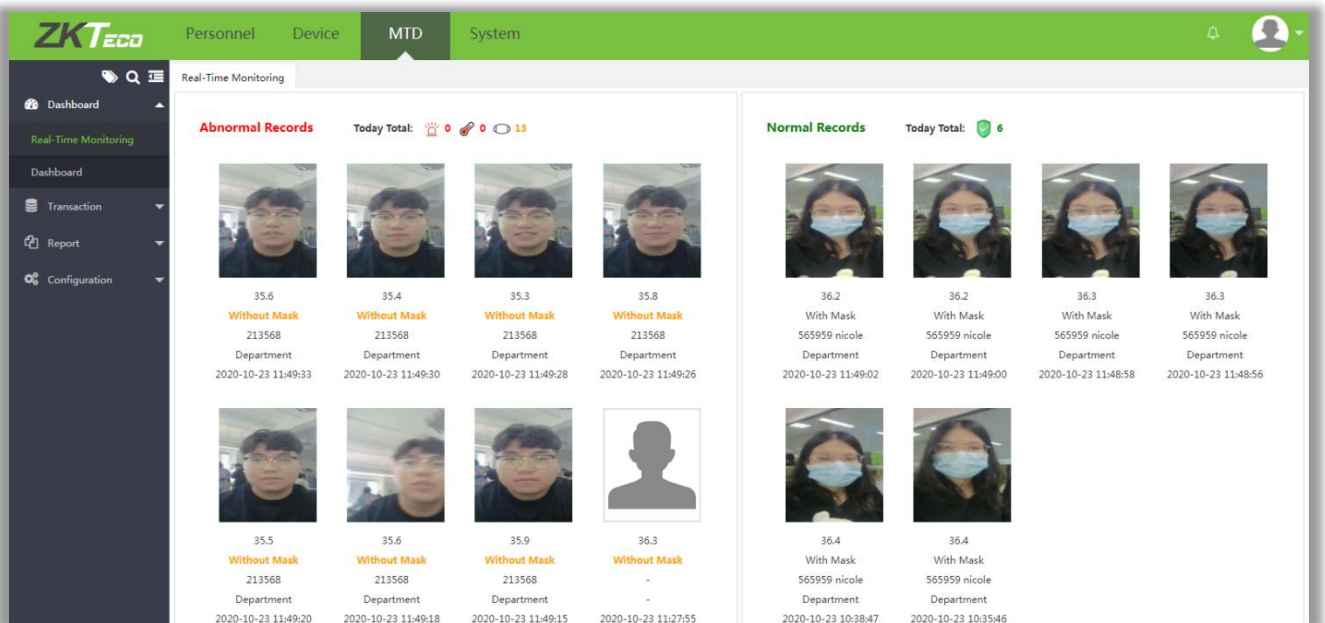
## 1 Key Updates

Implemented Change	Description
<b>Upgrade</b>	The new version of WDMS is a middleware developed based on BioTime 8.0.
<b>Personnel Module</b>	<ul style="list-style-type: none"><li>Enhanced attributes under Profile Settings and Device Access Settings.</li><li>Added Resignation Management settings.</li></ul>
<b>Device Module</b>	<ul style="list-style-type: none"><li>Supports Visible Light Series Attendance devices.</li><li>Supports Bio-Photo Management, Firmware Upgradation, Daylight Saving Time for devices, etc.</li><li>Enhanced Device Configuration Settings.</li></ul>
<b>MTD Module</b>	<ul style="list-style-type: none"><li>MTD module obtains verification records from the Mask &amp; Body temperature detection devices and generates statistics and reports of the mask and body temperature.</li><li>An email notification will be sent to the designated person if any of the person has a higher body temperature or does not wear a mask.</li></ul>
<b>System Module</b>	Added Database backup function, Email settings, FTP settings, PDF settings, and login security settings.

## 2 MTD Module

### 2.1 Real-Time Monitoring

The real-time monitoring interface displays the personnel verification records uploaded from the mask & temperature detection devices in real-time.

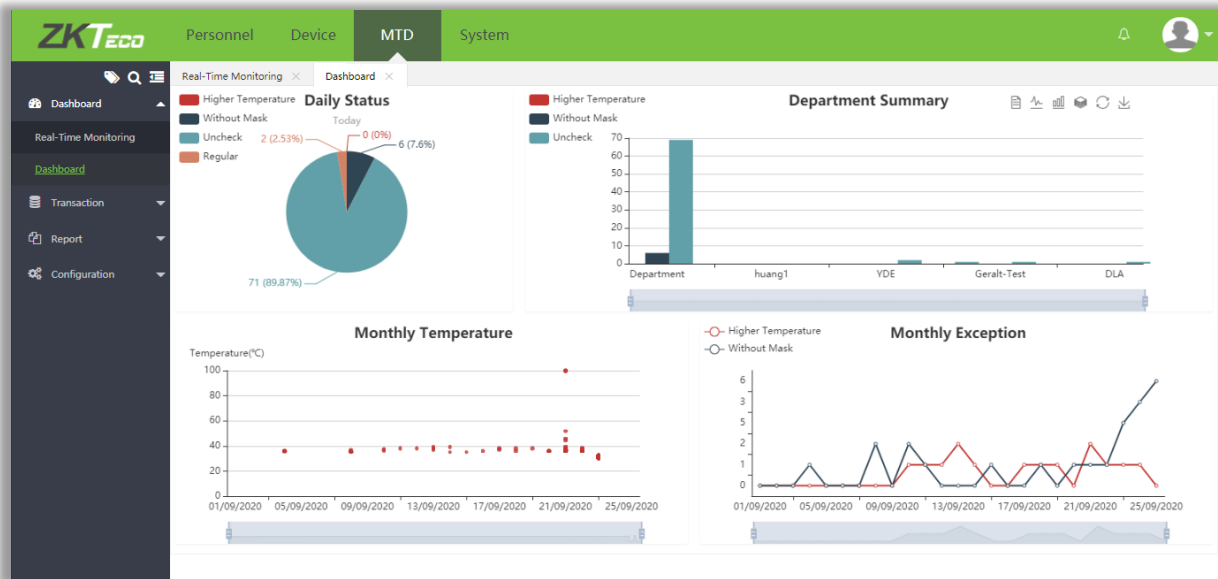


The records will be shown on the **Abnormal Records** list if the personnel is detected with high body temperature or without wearing a mask, otherwise it will be displayed on the **Normal Records** list.

### 2.2 Dashboard

The Dashboard displays the following statistics:

- Daily Status
- Department Summary
- Monthly Temperature
- Monthly Exception



## 2.3 Transaction

It displays the transactions uploaded from the mask & body temperature detection devices. If the detected body temperature exceeds the threshold temperature set on the software, then the temperature will be marked in red.

The screenshot displays the ZKTECO MTD Transaction table. The table lists transactions for employees, including their ID, first name, department, check date, check time, temperature, mask status, SN, device name, area, data source, and upload time. The table is filtered to show transactions from 2020-10-21 to 2020-10-22. The temperature column uses color coding: red for higher temperatures and blue for regular temperatures.

Employee ID	First Name	Department	Check Date	Check Time	Temperature	With Mask	SN	Device Name	Area	Data Source	Upload Time
2	nicolelihuang	Department	2020-10-23	02:20:55	36.6°C	Yes	5758201000006	Auto add	2	Device	2020-10-22 10:20:33
-	-	-	2020-10-23	02:20:52	36.5°C	Yes	5758201000006	Auto add	2	Device	2020-10-22 10:20:29
-	-	-	2020-10-23	02:19:58	36.3°C	Yes	5758201000006	Auto add	2	Device	2020-10-22 10:20:27
-	-	-	2020-10-23	02:19:55	36.6°C	Yes	5758201000006	Auto add	2	Device	2020-10-22 10:20:22
-	-	-	2020-10-22	02:18:52	36.6°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 10:19:19
-	-	-	2020-10-22	02:18:49	36.5°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 10:19:16
-	-	-	2020-10-22	02:18:41	36.6°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 10:19:07
-	-	-	2020-10-22	02:18:38	36.5°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 10:19:05
-	-	-	2020-10-22	02:18:33	36.6°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 10:19:01
-	-	-	2020-10-21	18:31:25	32.4°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:31:52
-	-	-	2020-10-21	18:31:07	36.5°C	No	5758201000006	Auto add	2	Device	2020-10-21 02:31:33
-	-	-	2020-10-21	18:31:02	36.3°C	No	5758201000006	Auto add	2	Device	2020-10-21 02:31:29
-	-	-	2020-10-21	18:23:48	36.7°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:24:15
-	-	-	2020-10-21	18:23:23	36.0°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:23:52
-	-	-	2020-10-21	18:22:26	36.4°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:22:54
-	-	-	2020-10-21	18:21:27	36.5°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:21:54
-	-	-	2020-10-21	18:21:22	36.5°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:21:49
-	-	-	2020-10-21	18:21:15	36.6°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:21:43
2	nicolelihuang	Department	2020-10-21	18:21:55	36.4°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:21:33
-	-	-	2020-10-21	18:21:01	36.4°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:21:28
-	-	-	2020-10-21	18:20:57	36.4°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:21:24
-	-	-	2020-10-21	18:20:52	36.6°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:21:19
-	-	-	2020-10-21	18:20:45	36.5°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:21:13
-	-	-	2020-10-21	18:20:35	36.6°C	Yes	5758201000006	Auto add	2	Device	2020-10-21 02:21:02
3	-	Department	2020-10-20	11:52:13	32.4°C	Yes	5758201000006	Auto add	2	Device	2020-10-20 11:52:40

## 2.4 Report

There are three kinds of reports generated for temperature and mask detection.

### Daily Details

It displays the number of detected body temperatures along with the temperature values.



ZKTECO

Personnel

Device

MTD

System

Dashboard

Transaction

Report

Department Summary

Abnormal Detail

Configuration

Real-Time Monitoring

Department Summary

Start Date

2020-09-01

End Date

2020-09-28

Department C...

Department N...

Employee Qty.

Check Date

Checked Qty.

Regular Qty.

Abnormal Qty.

Higher Temper...

Without Mask ...

Unchecked Qty.

1	Department	525	2020-09-28	1	0	1	0	1	524
1	Department	525	2020-09-27	7	2	5	0	5	518
1	Department	525	2020-09-25	11	2	9	0	9	514
1	Department	525	2020-09-24	5	1	4	1	3	520
9	DLA	1	2020-09-24	1	1	0	0	0	0
1	Department	525	2020-09-23	5	0	5	0	5	520
7	Geralt-Test	1	2020-09-23	1	0	1	1	0	0
1	Department	525	2020-09-22	1	1	0	0	0	524
7	Geralt-Test	1	2020-09-22	1	0	1	1	1	0
1	Department	525	2020-09-21	3	0	3	1	2	522
6	Test6	1	2020-09-21	1	1	0	0	0	0
7	Geralt-Test	1	2020-09-21	1	0	1	1	1	0
7	Geralt-Test	1	2020-09-20	1	0	1	0	1	0
7	Geralt-Test	1	2020-09-19	1	0	1	1	0	0
7	Geralt-Test	1	2020-09-18	1	0	1	1	1	0
7	Geralt-Test	1	2020-09-17	1	0	1	1	0	0
7	Geralt-Test	1	2020-09-16	1	1	0	0	0	0
7	Geralt-Test	1	2020-09-15	1	0	1	0	1	0
1	Department	525	2020-09-14	1	0	1	1	0	524
7	Geralt-Test	1	2020-09-14	1	1	0	0	0	0

20

<

1

2

>

Total 30 Records

1

Page

Confirm

It displays the details of abnormal temperature and the mask-wearing status of the persons.

Employee Code	First Name	Department Name	Check Date	Check Time	Temperature	With Mask
2333	von&	Department	2020-09-28	09:23:58	36.8°C	False
2333	von&	Department	2020-09-28	09:23:57	36.8°C	False
2333	von&	Department	2020-09-28	09:19:45	36.5°C	False
2333	von&	Department	2020-09-28	09:19:44	36.5°C	False
2333	von&	Department	2020-09-28	09:13:44	36.8°C	False
2333	von&	Department	2020-09-28	08:58:54	36.6°C	False
2333	von&	Department	2020-09-28	08:58:53	36.7°C	False
2333	von&	Department	2020-09-28	08:58:31	36.7°C	False
2333	von&	Department	2020-09-28	08:58:30	36.7°C	False
2333	von&	Department	2020-09-28	08:57:55	36.6°C	False
2333	von&	Department	2020-09-28	08:43:02	36.6°C	False
2333	von&	Department	2020-09-27	20:58:00	36.6°C	False
2333	von&	Department	2020-09-27	20:57:59	36.6°C	False
2333	von&	Department	2020-09-27	20:52:02	36.6°C	False
2333	von&	Department	2020-09-27	20:52:01	36.6°C	False
2333	von&	Department	2020-09-27	20:51:09	36.6°C	False
2333	von&	Department	2020-09-27	20:51:08	36.6°C	False
666666	von&	Department	2020-09-27	19:46:17	36.6°C	False
666666	von&	Department	2020-09-27	19:46:16	36.6°C	False
2333	von&	Department	2020-09-27	19:46:06	36.6°C	False

## 2.5 Configuration

On the Configuration interface, the user can set the Threshold Temperature and Temperature unit. The temperature unit can be set as °C or °F.

**Temperature Setting**

Temperature Warning: 37.3      Temperature Unit: °C

**Alert Setting**

Temperature Alarm: ☒ Yes      Mask Alarm: ☒ Yes

When the Temperature Alarm or Mask Alarm function is enabled, and if a person with abnormal temperature or without mask checks-in/out, an Email notification will be sent to the same person along with Superuser and the System User who has the permission to access the department to which the person belongs.

## 3 Personnel Module

### 3.1 Personnel Attributes

On the Personnel module, click **Employee > Employee > Add/Edit** to view the following features.

#### 3.1.1 Employment Type

The Employment Type is categorized into Permanent, Temporary, and Probation. If the employment type is set as Temporary or Probation, then the Effective Start date and End date of the employment must be set. After the time period is completed, the personnel data will be automatically deleted from the corresponding device(s).

#### 3.1.2 Device Access Settings

Users can set the Verification mode, Device privilege, enroll Card number, PIN and Fingerprint, Register bio-photo for the employee on the **[Device Access Setting]** page.




Private Information
Device Access Setting

Verify Mode: Any
Device Privilege: Employee

Card NO.:
PIN:

Enroll Device:
FP Qty: v10 0 Enroll


  
Bio-Photo

## 3.2 Resignation Management

Users can add or import the resigned employee details through this interface. The user can also reinstate the resigned employees if required. Finally, the resigned employee details will be removed from the corresponding device(s).

ZKTECO
Personnel
Device
MTD
System

Company
Resign

Add
Delete

Add

Employee ID	First Name	Last Name	Department
00001			Department
1	lala&haha		Department
13			Department_Compa...
14	14		Department_Compa...
15			Department_Compa...
16			a
2	2		Department_Compa...

20 Total 7 Records
1 Page
Confirm

Resign Date: 2020-10-16
Resign Type: Quit

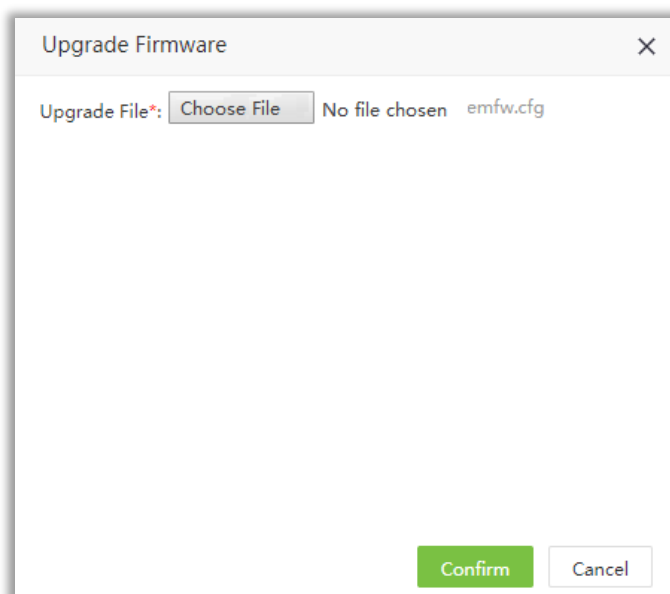
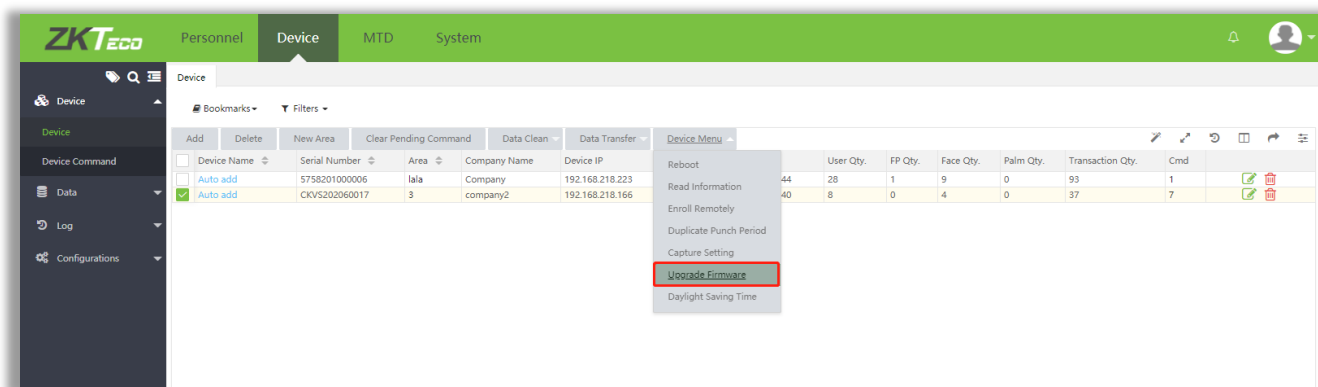
Resign Reason

Confirm
Cancel

## 4 Device Module

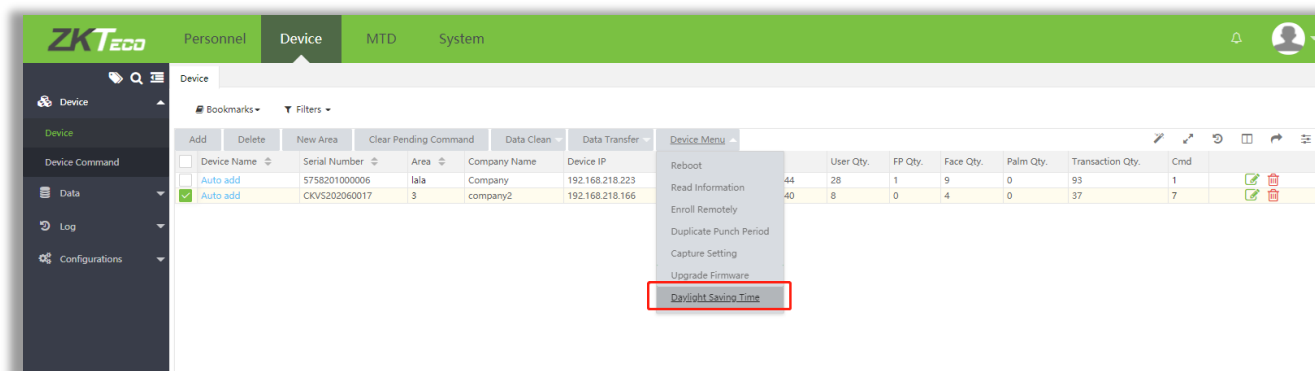
### 4.1 Firmware Upgrade

The Firmware Upgrade process upgrades the firmware of the corresponding device.

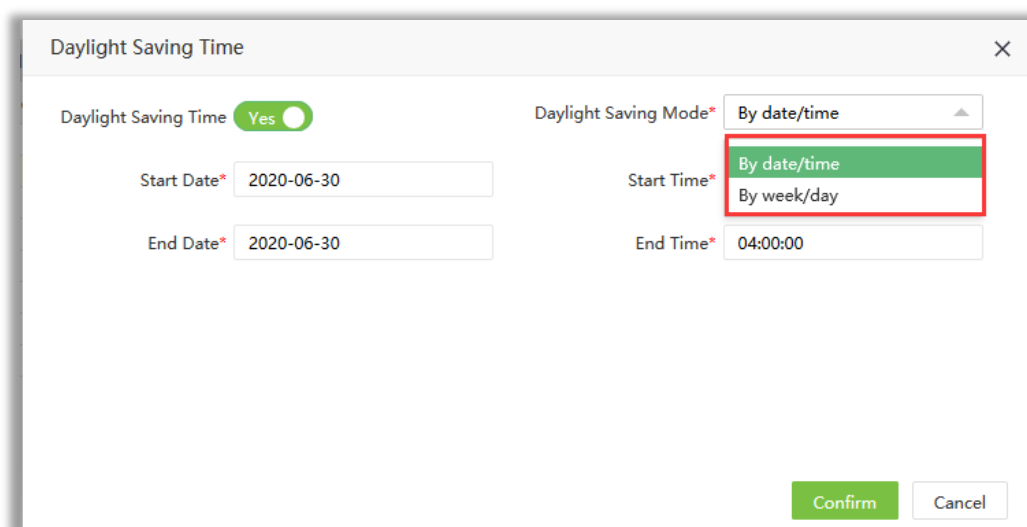


### 4.2 Daylight Saving Time

On the Device interface, select the required device(s) from the list and then click **Device Menu > Daylight Saving Time** to view and set the daylight-saving time.



Users can set the Daylight-Saving Mode as **By Date/Time** or **By Week/Day**. After confirming the settings, the daylight-saving time will be issued to the device(s).



### 4.3 Bio-Template

The Bio-Template interface displays detailed information about employees' biometric templates uploaded from the device(s).

Employee ID	First Name	Last Name	Bio-Type	Bio-Index	Major Version	Serial Number	Update Time
3	hyp3	Smith	Face	0	7	AEXH191960001	2020-09-24 17:15:42
666666	Ji	-	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:40
1	Hu	J	Fingerprint	9	10	AEXH191960001	2020-09-24 17:15:39
1	Hu	J	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:39
1	Hu	J	Fingerprint	7	10	AEXH191960001	2020-09-24 17:15:38
1	Hu	J	Fingerprint	8	10	AEXH191960001	2020-09-24 17:15:38
1	Hu	J	Fingerprint	5	10	AEXH191960001	2020-09-24 17:15:38
17	Tjhw	-	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:38
9	hyp9	-	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:38
8	hyp8	-	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:36
4	hyp4	Ning	Fingerprint	8	10	AEXH191960001	2020-09-24 17:15:36
19	jenny19	-	Fingerprint	9	10	AEXH191960001	2020-09-24 17:15:36
16	hyp16	-	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:36
15	Johnson	-	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:36
14	hyp14	-	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:36
10	hyp10	-	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:35
003	003	-	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:35
001	001	-	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:35
3	hyp3	Smith	Fingerprint	6	10	AEXH191960001	2020-09-24 17:15:35

## 4.4 Bio-Photo

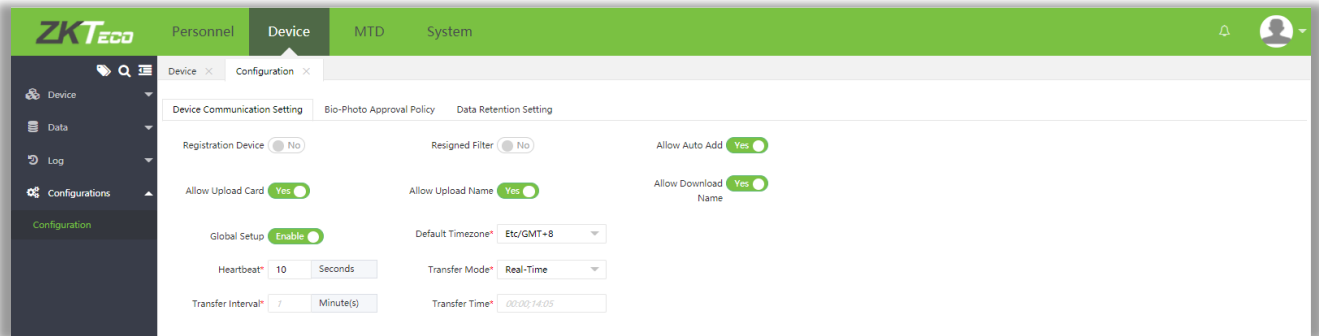
Users can register the bio-photo of the personnel through **Import** or scanning the QR code with a mobile phone. Only the approved bio-photo will be issued to the visible light devices for verification.

Employee ID	First Name	Last Name	Company Name	Email	Serial Number	User Photo	Bio-Photo	Register Time	Remark	Approval State	Approval Time
1	1	-	Company	-	OKVS202060017			2020-10-23 11:26:24	-	Auto Approved	2020-10-23 11:26:
10223	-	-	Company	-	OKVS202060017			2020-10-23 11:26:24	-	Auto Approved	2020-10-23 11:26:
565959	nicole	-	Company	-	OKVS202060017			2020-10-23 11:26:24	-	Auto Approved	2020-10-23 11:26:
213568	-	-	Company	-	OKVS202060017			2020-10-23 11:26:24	-	Auto Approved	2020-10-23 11:26:

## 4.5 Configurations

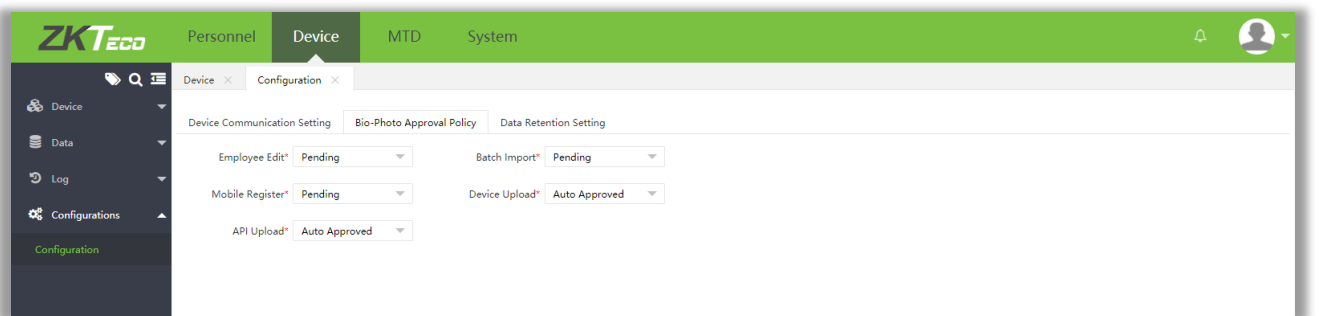
### 4.5.1 Device Communication Settings

The device communication setting is used to set the device as a registration device, filter the resigned personnel, and the parameters of uploading the data such as Name, Card to the device.



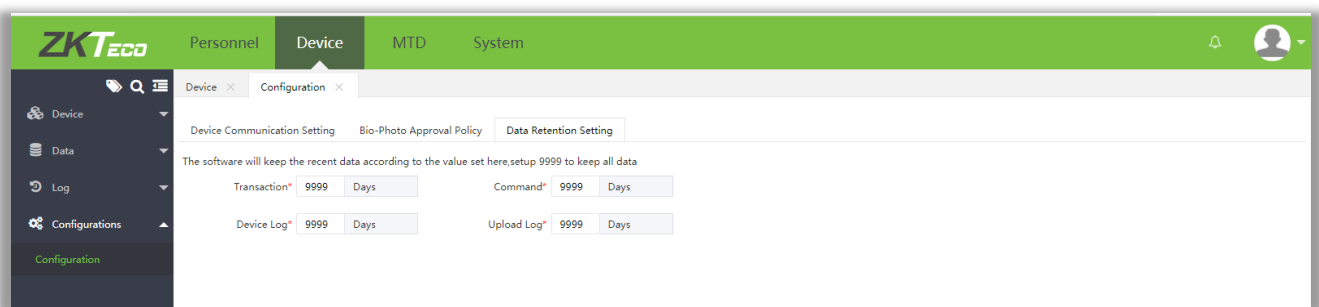
## 4.5.2 Bio-Photo Approval Policy

The Bio-Photo Approval Policy can be set for the bio-photo uploaded by Mobile phone, Device, API, import function, and so on.



## 4.5.3 Data Retention Setting

Here, the user can set the number of days for data retention including Transactions, Commands, Device logs, and Upload logs. It is set as 9999 by default.



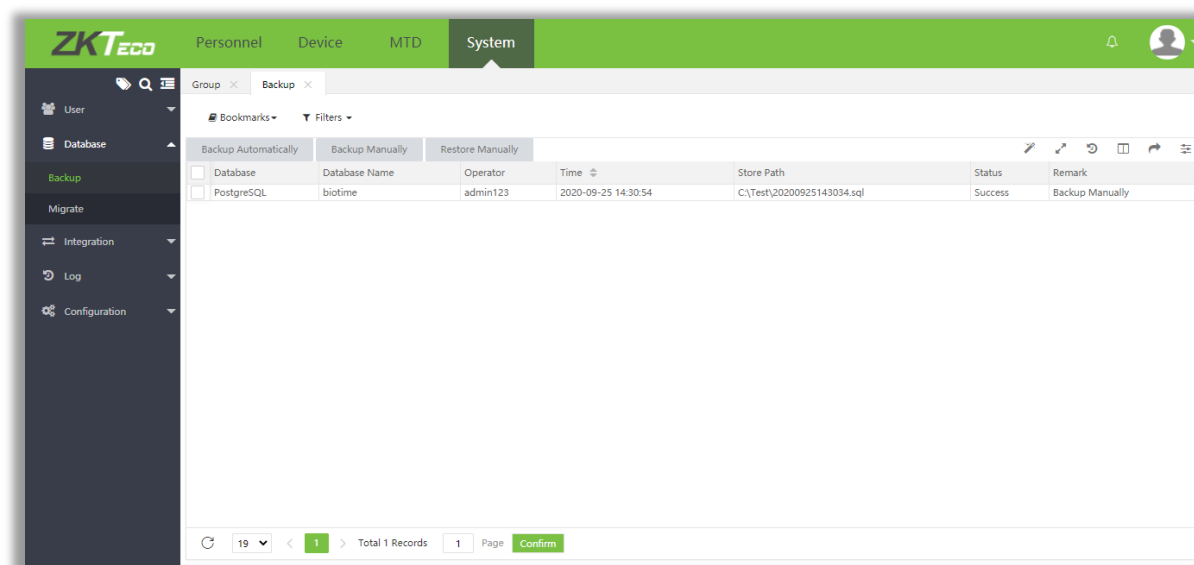
## 5 System Module

### 5.1 Data Management

The Data Management process includes Database Backup and Database Migration.

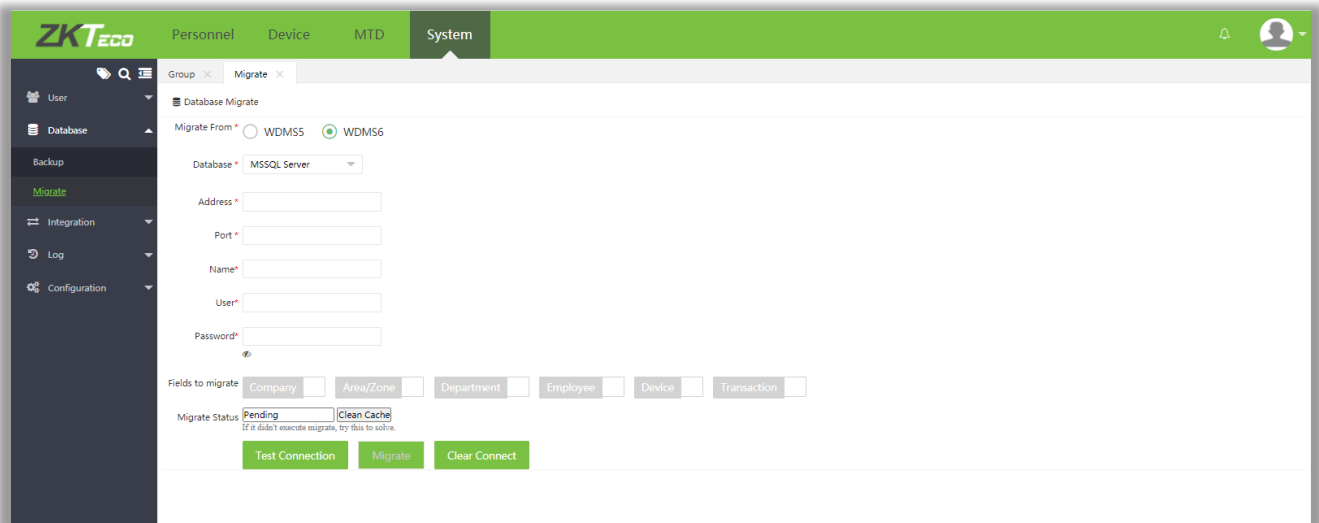
#### 5.1.1 Database Backup

Users can backup the database and photos automatically or manually to prevent data loss. It also supports the PostgreSQL database and photo restoration.



#### 5.1.2 Database Migration

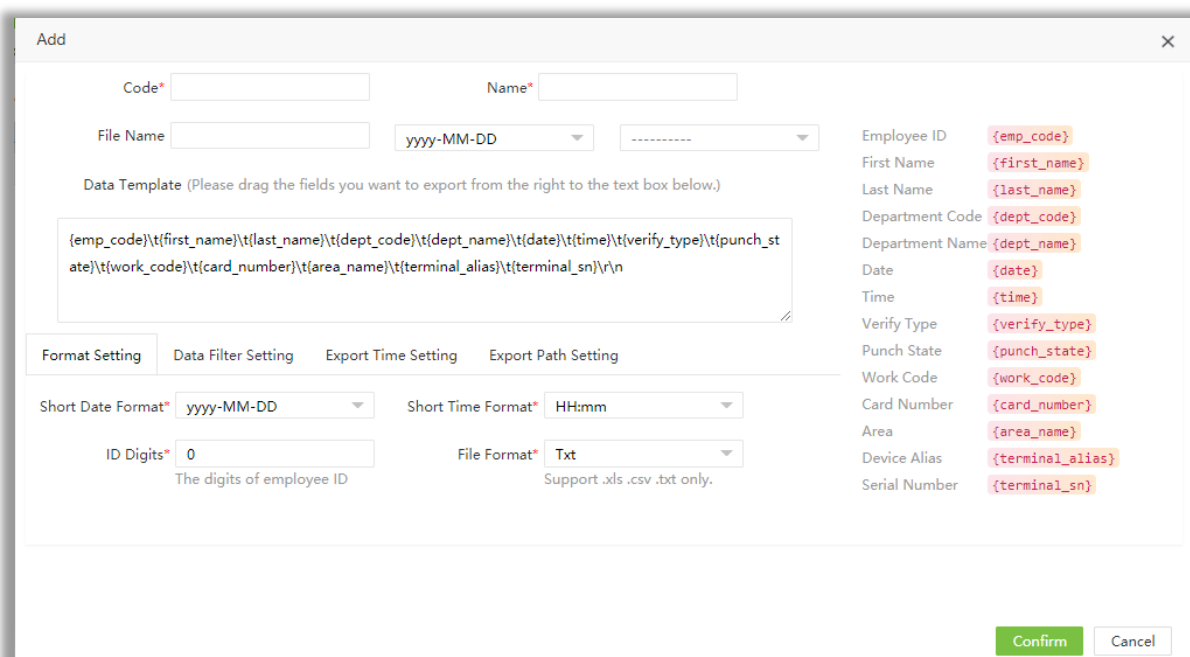
It supports to migrate specific data, including Company, Area, Department, Employee, Device, Transaction of WDMS5, and WDMS6 to the new version of WDMS.



## 5.2 Integration

### 5.2.1 Auto Export

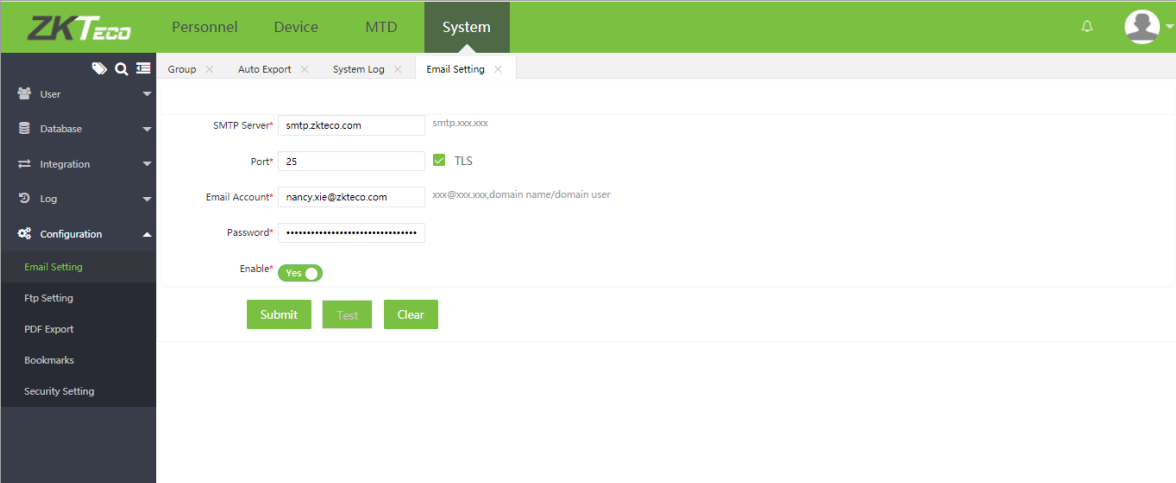
The attendance transactions can be exported to the specific Server path, Email account, FTP, and SFTP servers automatically according to the frequency set.



## 5.3 Configuration Settings

### 5.3.1 Email Setting

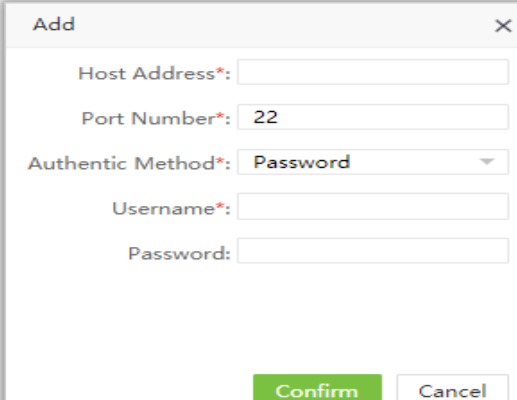
In Email settings, the user can set up the system Email information. When an email alert is triggered, the system will send an Email notification to the specific Email address.



The screenshot shows the ZKTECO System configuration interface. The top navigation bar includes 'Personnel', 'Device', 'MTD', and 'System'. The left sidebar lists various settings: 'User', 'Database', 'Integration', 'Log', 'Configuration', 'Email Setting', 'Ftp Setting', 'PDF Export', 'Bookmarks', and 'Security Setting'. The 'Email Setting' tab is active, displaying fields for 'SMTP Server\*' (smtp.zkteco.com), 'Port\*' (25), 'Email Account\*' (nancy.xie@zkteco.com), and 'Password\*'. There is a checkbox for 'TLS' which is checked, and an 'Enable\*' toggle set to 'Yes'. At the bottom are 'Submit', 'Test', and 'Clear' buttons.

### 5.3.2 FTP Settings

Here, the user can set up the FTP Server connection information. The transaction files exported by the software can be set to save to the corresponding FTP server path for 3<sup>rd</sup> party software integration.

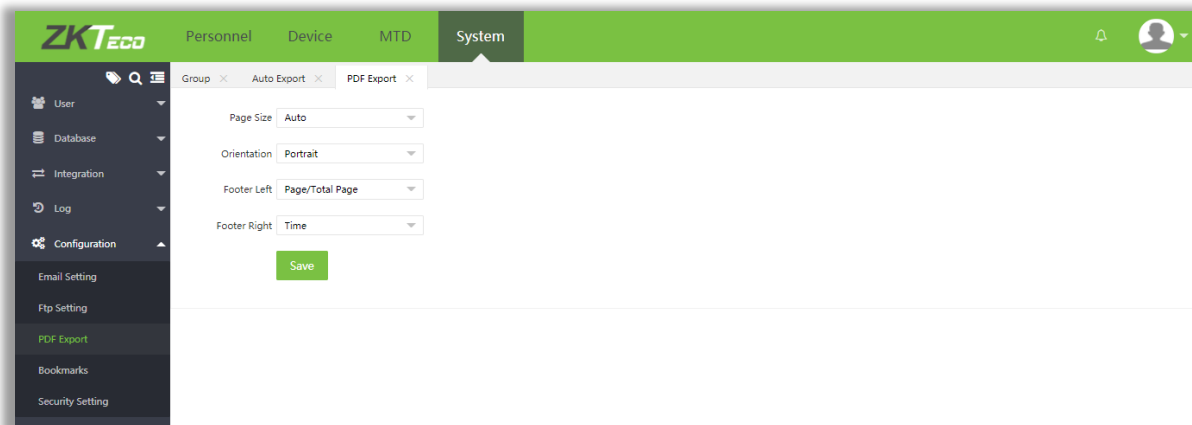


The screenshot shows a modal dialog box titled 'Add'. It contains the following fields: 'Host Address\*' (text input), 'Port Number\*' (text input with '22' entered), 'Authentic Method\*' (dropdown menu with 'Password' selected), 'Username\*' (text input), and 'Password' (text input). At the bottom are 'Confirm' and 'Cancel' buttons.

### 5.3.3 PDF Export

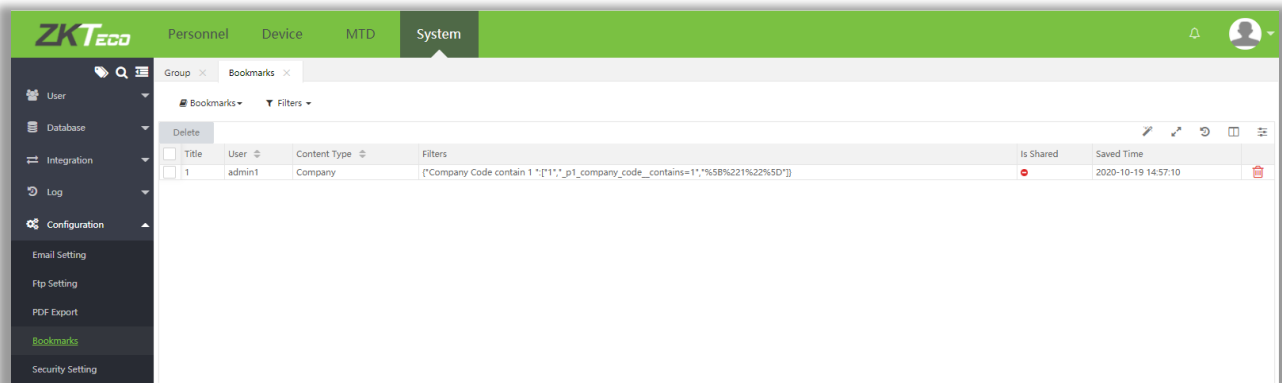
Here, the users can set the PDF format for exporting the reports.





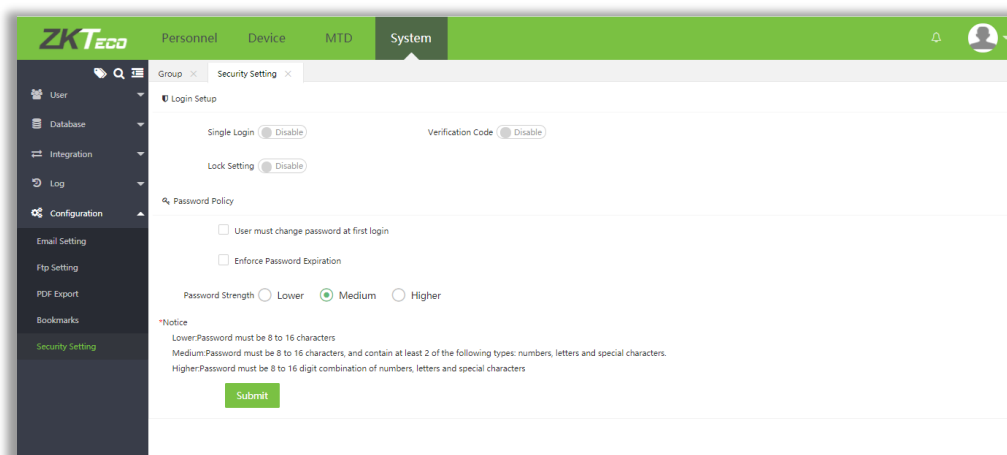
### 5.3.4 Bookmarks

Users can save the filters as a bookmark to simplify the search operation next time.



### 5.3.5 Security Settings

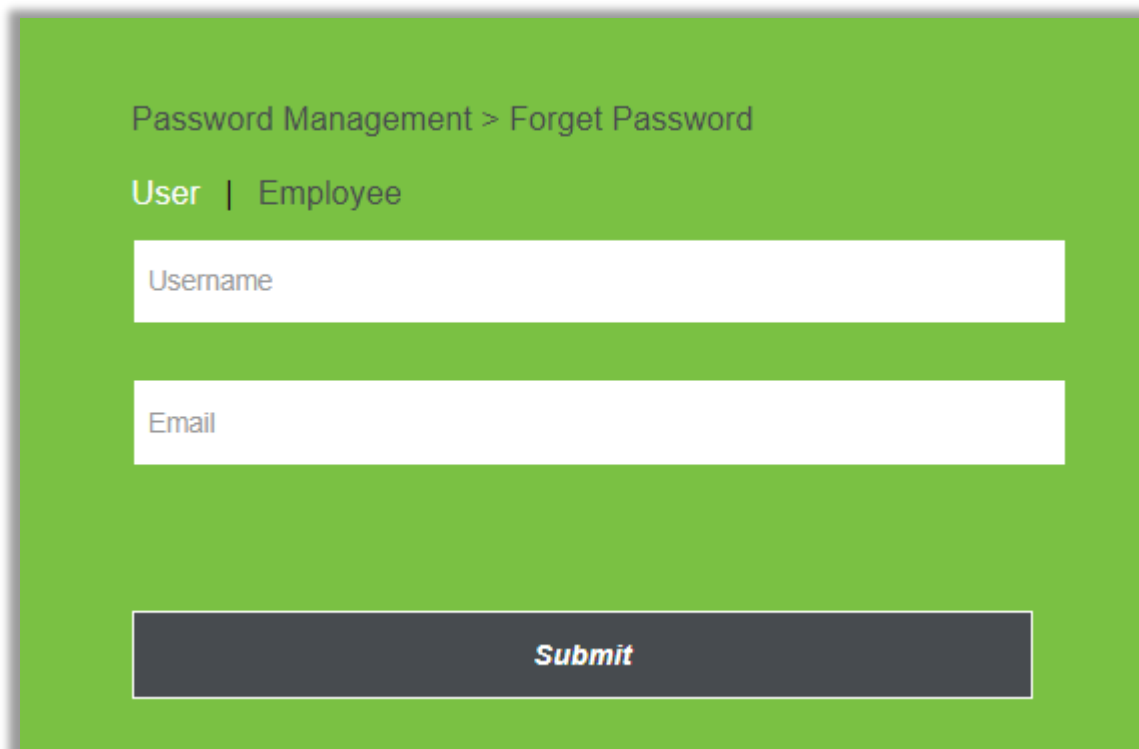
Here, the users can set the login verification code, password validity, password strength, lock account function to enhance the data security of the software.



## 6 Forget Password

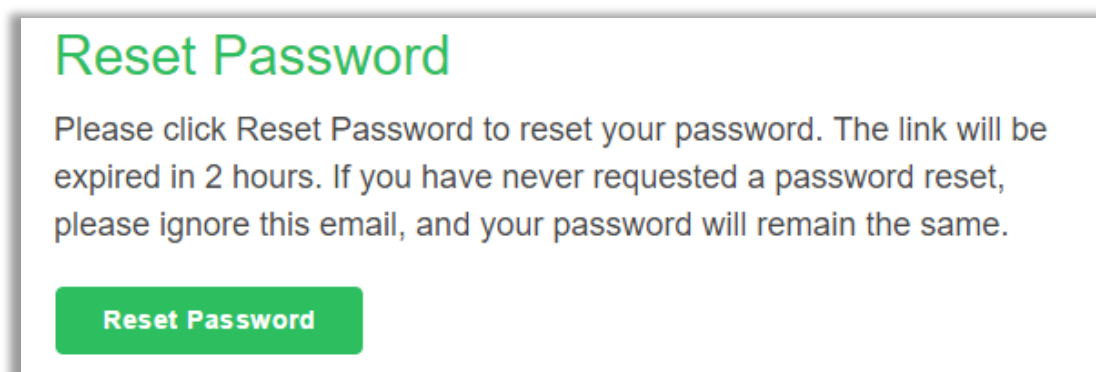
If the personnel could not recall the login password, click **Forgot Password** on the login page to get the new password.

- Enter the Username and Email address provided during user registration.



The screenshot shows a web interface with a green background. At the top, it says 'Password Management > Forget Password'. Below this, there are two tabs: 'User' and 'Employee', with 'User' being the active tab. There are two input fields: 'Username' and 'Email'. At the bottom, there is a dark grey button labeled 'Submit'.

- An email to reset the password will be sent to the corresponding email account as shown below:



The screenshot shows an email template with a white background. At the top, it says 'Reset Password' in green. Below this, there is a paragraph of text: 'Please click Reset Password to reset your password. The link will be expired in 2 hours. If you have never requested a password reset, please ignore this email, and your password will remain the same.' At the bottom, there is a green button labeled 'Reset Password'.

- Users need to click the link provided in the email within 2 hours to get the new password.

ZKTeco's durable F500, the 12.1" Full HD Camera

12.1" Full HD Camera, 12MP, 2.8mm Lens

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