

# Quick Start Guide

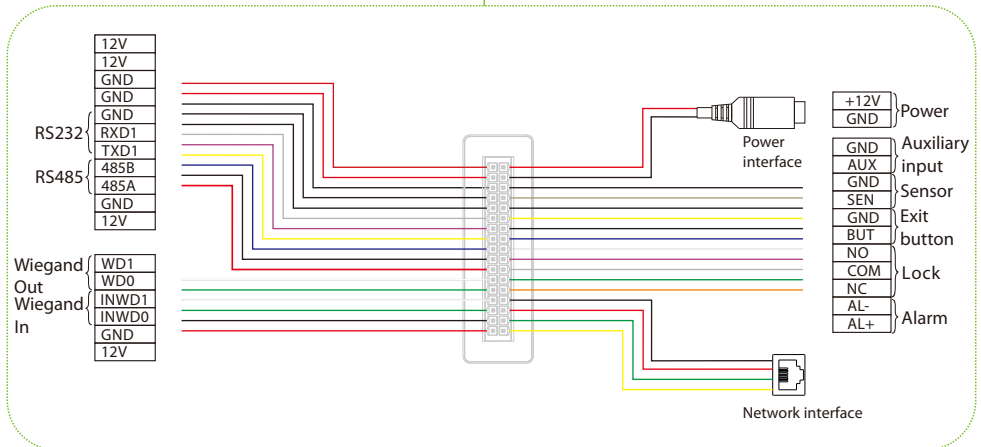
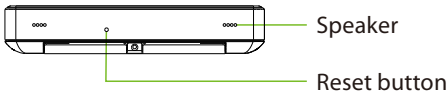
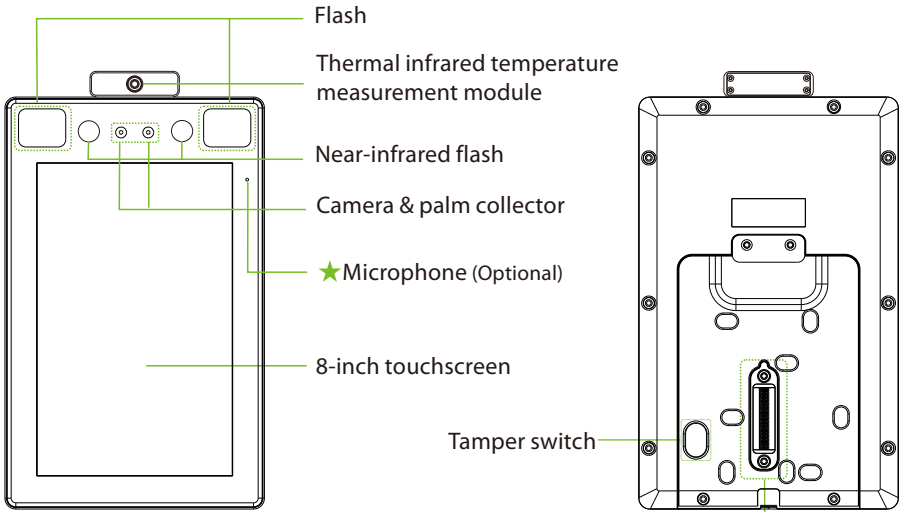
## ProFace X [TD]

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Version: 1.0

Date: May 2020

# 1 Overview



## 2 Installation Environment

Please refer to the following recommendations for installation.



INDOOR USE



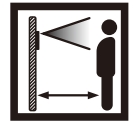
KEEP DISTANCE



AVOID GLASS  
REFRACTION



AVOID DIRECT  
SUNLIGHT  
AND EXPOSURE



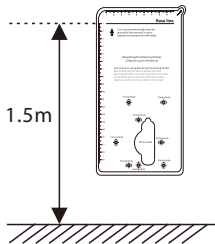
KEEP EFFECTIVE  
DISTANCE  
0.3-2.5m

## 3 Device Installation

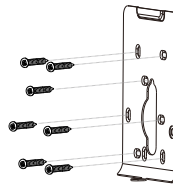
### ❖ Install on the wall

- ① Attach the mounting template sticker to the wall, and drill holes according to the mounting paper.
- ② Fix the back plate on the wall using wall mounting screws.
- ③ Attach the device to the back plate.
- ④ Fasten the device to the back plate with a security screw.

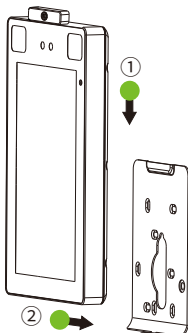
①



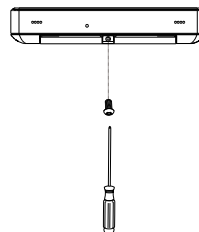
②



③



④



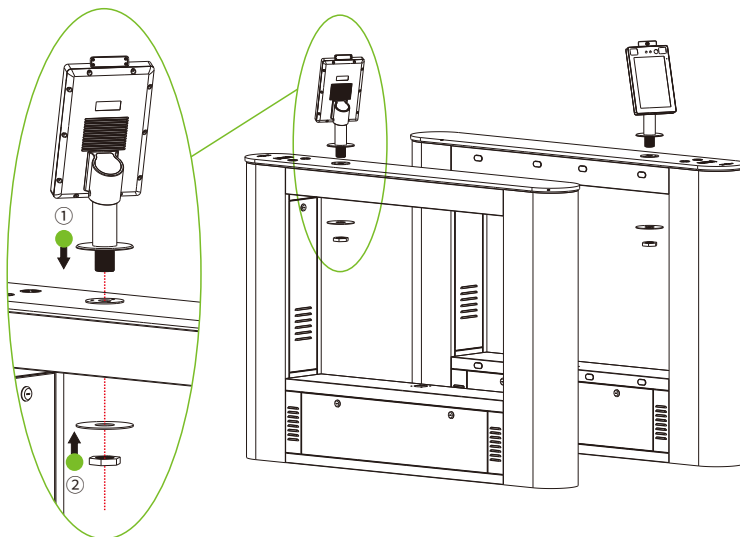
## 3 Device Installation

### ❖ Install on the barrier gate

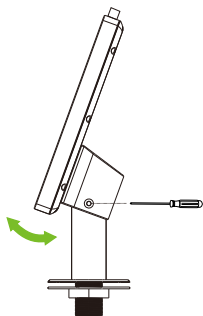
Please thread the wire through the bracket before installation.

- ① Drill a hole on the barrier gate, insert the bracket into the hole and fix it with a nut.
- ② Adjust the angle of the device.

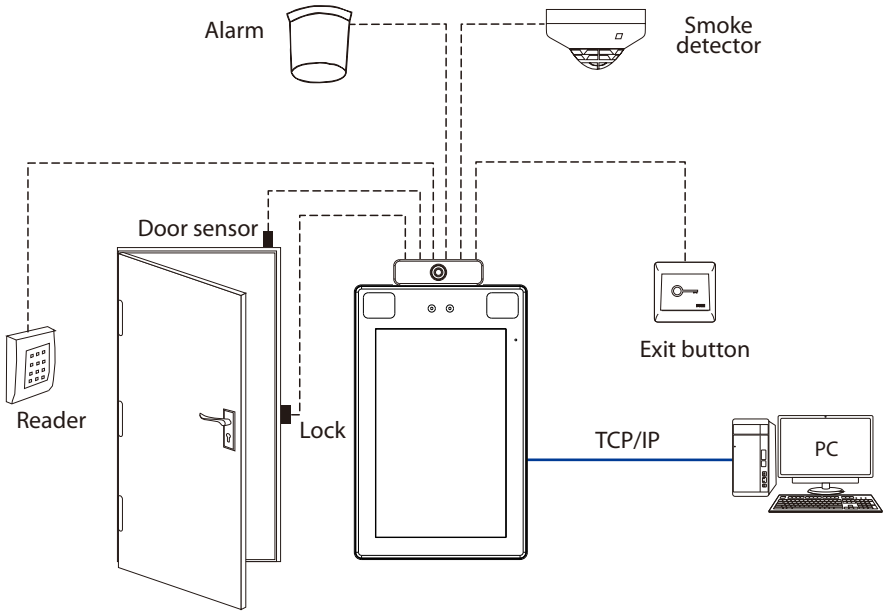
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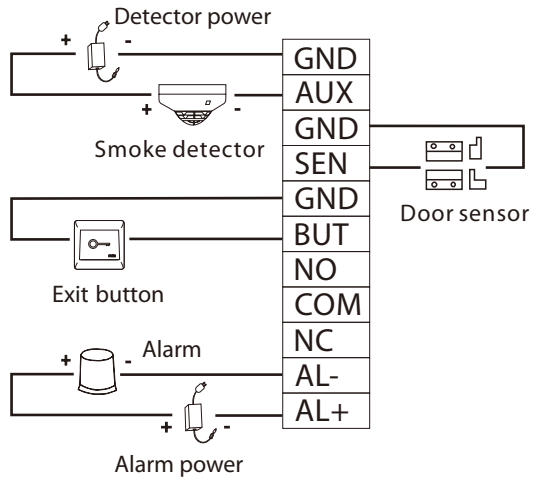
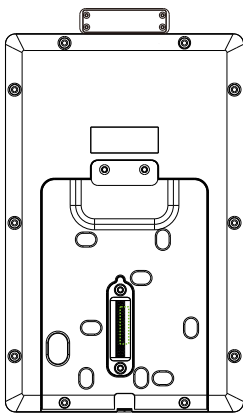
②



## 4 Standalone Installation



## 5 Door Sensor, Exit Button & Alarm Connection



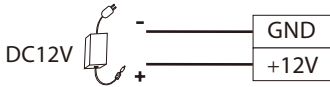
## 6 Lock Relay Connection

The system supports Normally Opened Lock and Normally Closed Lock.

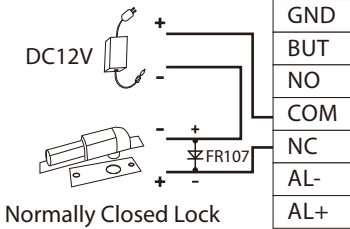
The NO LOCK (normally unlocked when power-on) is connected with 'NO' and 'COM' terminals, and the NC LOCK (normally locked when power-on) is connected with 'NC' and 'COM' terminals.

Take NC Lock as an example below:

1) Device not sharing power with the lock

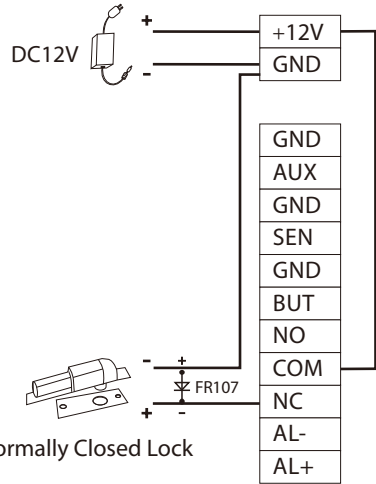


Maximum 30V 3A input.

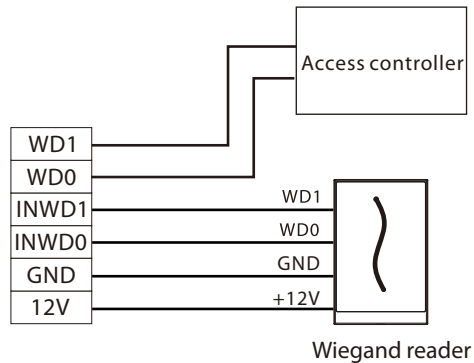
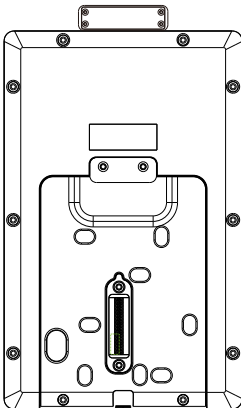


Do not reverse the polarity.

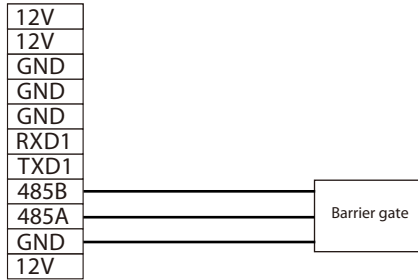
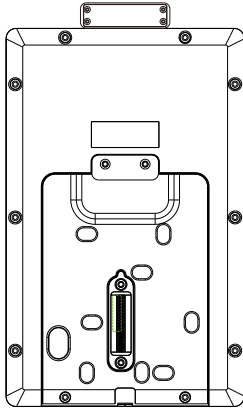
2) Device sharing power with the lock



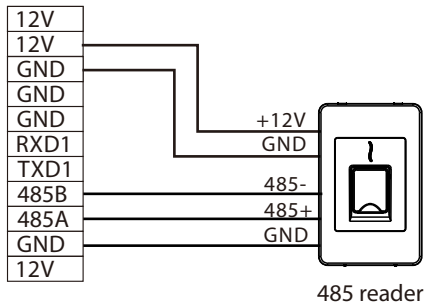
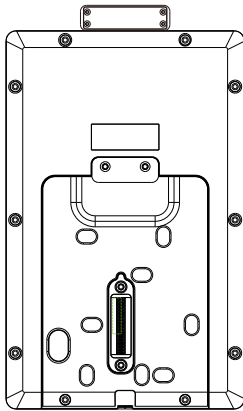
## 7 Wiegand Reader Connection



## 8 Barrier Connection

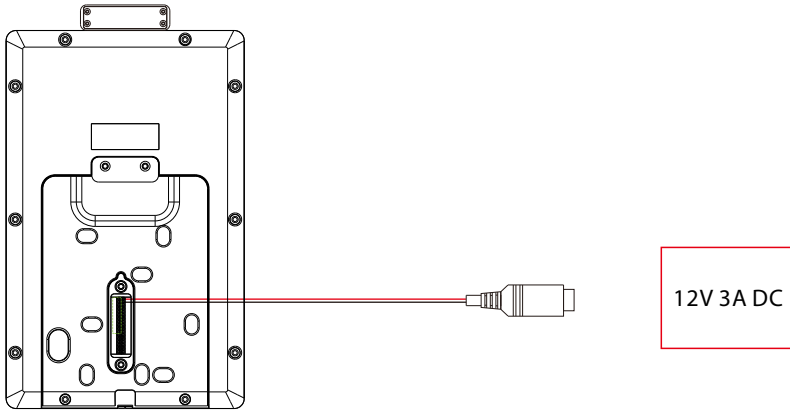


## 9 RS485 Connection



**Note:** 485A and 485B can be connected to the barrier gate or the 485 reader, but cannot be connected to the gate and the reader at the same time.

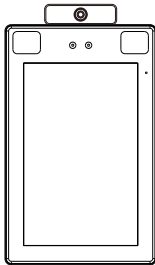
## 10 Power Connection



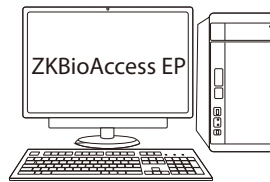
- Recommended power supply: 12V - 3A
- To share the power with other devices, use a power supply with higher current ratings.

## 11 Ethernet Connection

Connect the device and computer software over an Ethernet cable. An example is shown below:



Default IP address: 192.168.1.201  
Subnet mask: 255.255.255.0



IP address: 192.168.1.130  
Subnet mask: 255.255.255.0

**Note:** In LAN, IP addresses of the server (PC) and the device must be in the same network segment when connecting to ZKBioAccess EP software.

Click on [Comm.] > [Ethernet] > [IP Address], input the IP address and click on [OK].

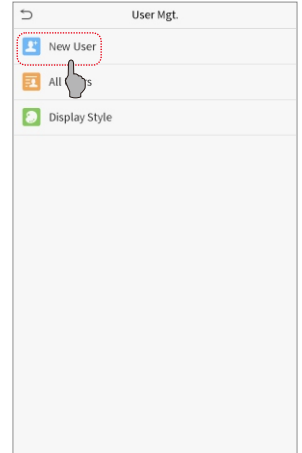
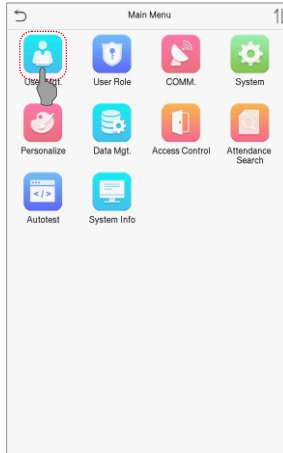
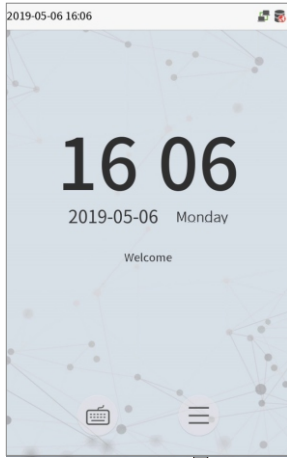


# 12 User Registration

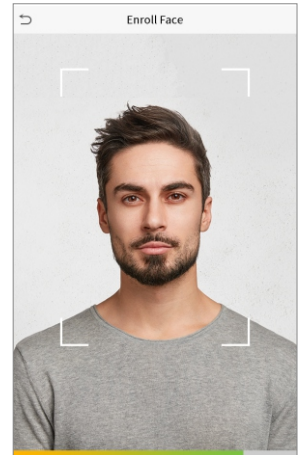
When there is no super administrator set in the device, click on ☰ to enter the menu. After setting the super administrator, the system will request for the administrator's verification before entering the menu. For the security purpose, it is recommended to register a super administrator at the first time you use the device.

## Method1: Register on the device

Click on ☰ > [User Mgt.] > [New User] to register a new user. Settings include entering user ID and name, registering palm, face, password and user photo, setting user role and access control role.



New User	
User ID	3
Name	
User Role	Normal User
Palm	0
Face	0
Password	
User Photo	0
Access Control Role	

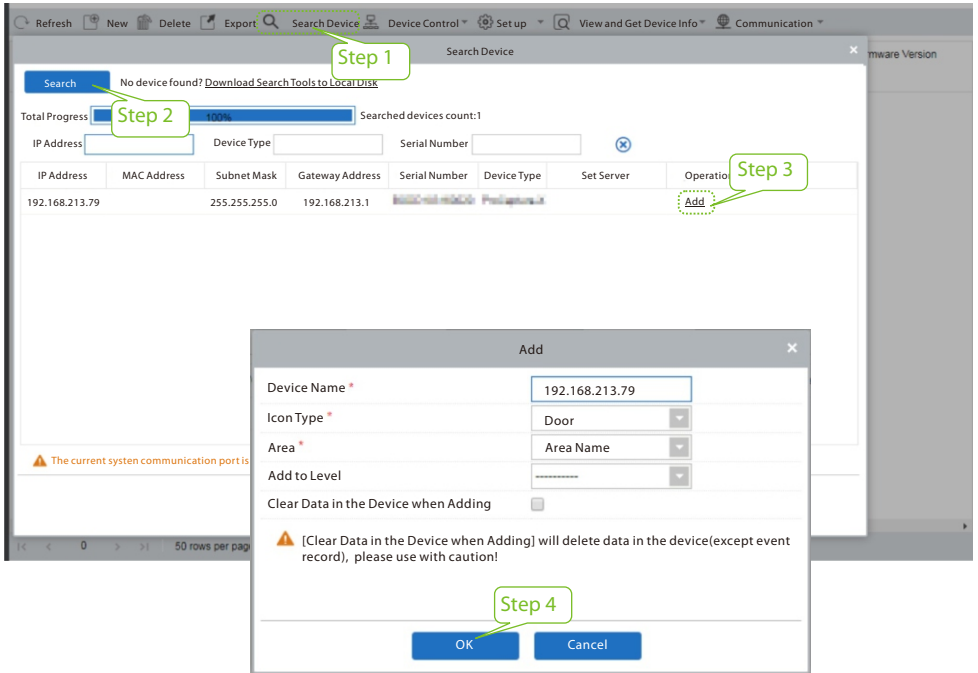


## Method 2: Register on ZKBioAccess EP software

Please set the IP address and cloud service server address on the device.

1. Click [Access] > [Access Device] > [Device] > [Search Device] to add the device to the software.

When the device has set the server address and port, it can be added automatically.



2. Click [Personnel] > [Person] > [New] to register users in the software.

3. Add users to access levels.

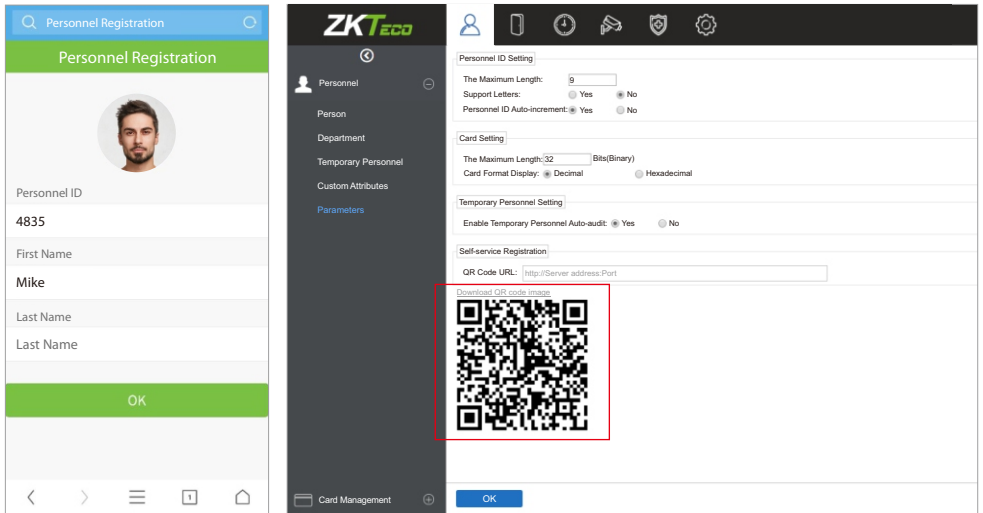
4. Click [Access] > [Device] > [Device Control] > [Synchronize All Data to Devices].

For more details, please refer to the ZKBioAccess EP User Manual.

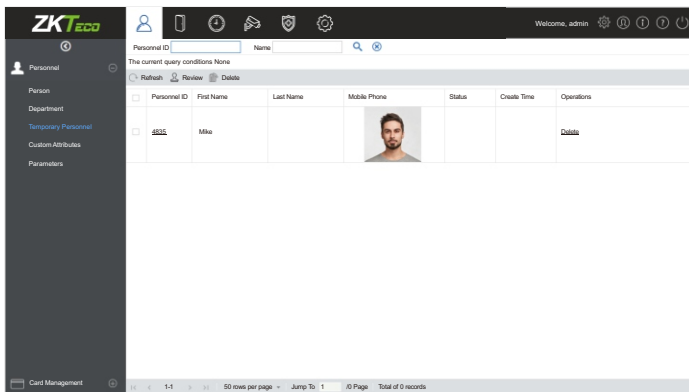
### Method 3: Register on the phone

Once ZKBioAccess EP software installed, users could enroll face via browser application on their own mobile phone.

1. Click [Personnel] > [Parameters], input "http://Server address:Port" in the QR Code UGL bar. The software will automatically generates a QR code. Scan the QR code or login onto "http://Server address:Port/app/v1/adreg" by the mobile phone to register users.

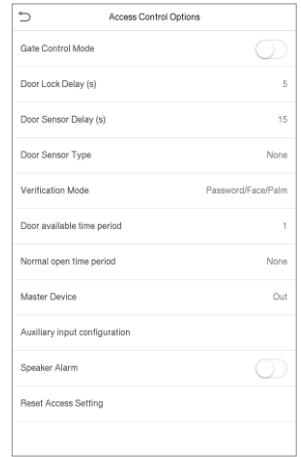
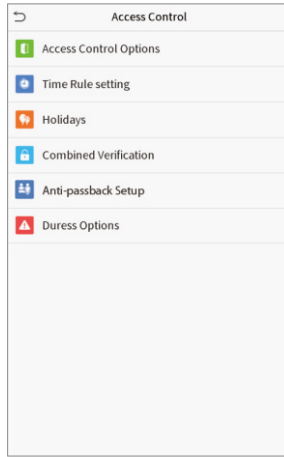
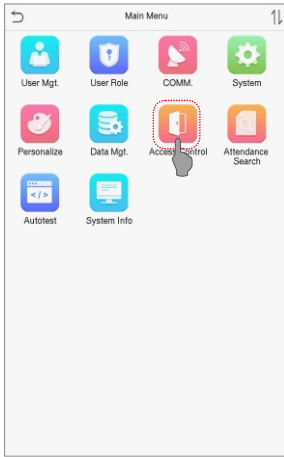


2. The users will display in [Personnel] > [Temporary Personnel], click [Review].







## 13 Access Control Settings

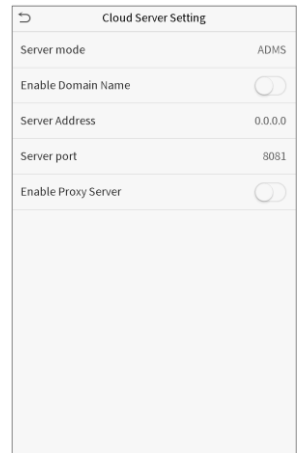
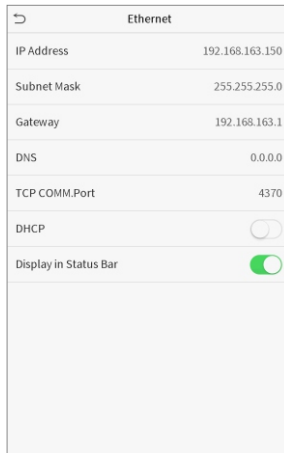
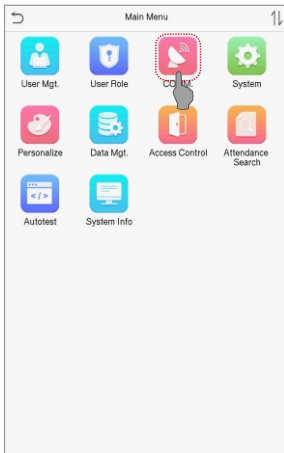
Click on  > [Access Control] to enter the access control management interface and set relevant parameters of access control.




## 14 Ethernet and Cloud Server Settings

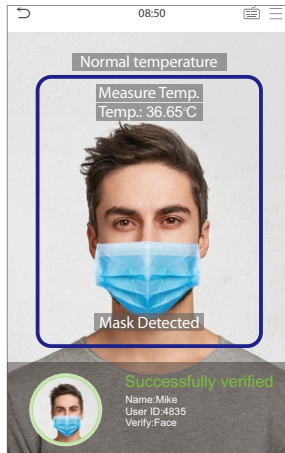
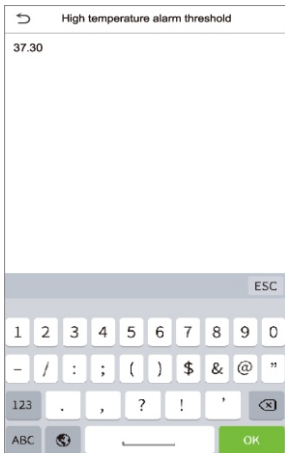
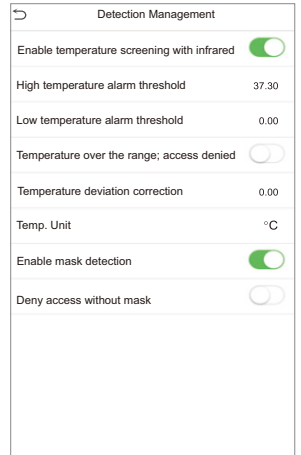
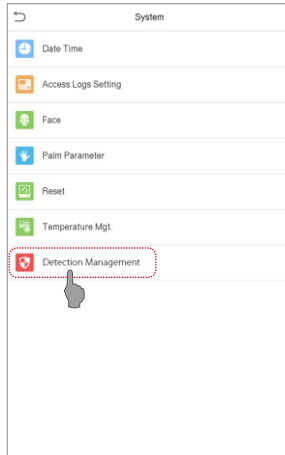
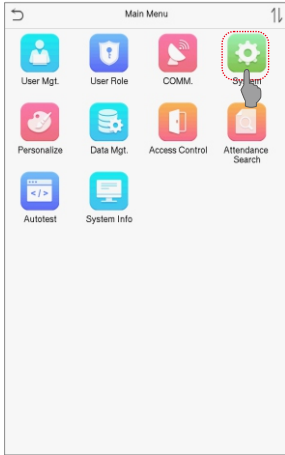
Click on  > [Comm.] > [Ethernet] to set the network parameters. If the TCP/IP communication of the device is successful, the icon  will be displayed in the upper right corner of the standby interface.

Click on  > [Comm.] > [Cloud Server Setting] to set the server address and server port, that is, the IP address and port number of the server after the software is installed. If the device communicates with the server successfully, the icon  will be displayed in the upper right corner of the standby interface.



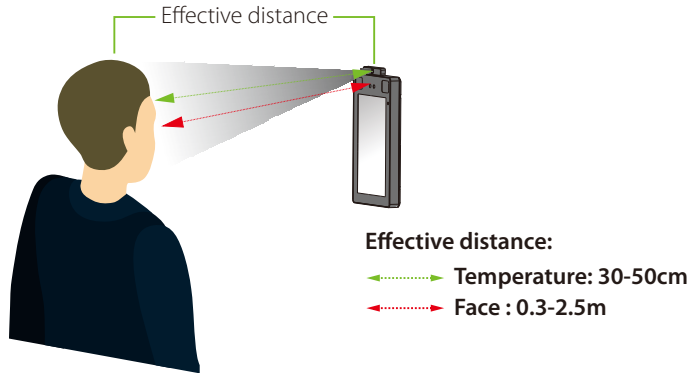
# 15 Detection Management Settings

Click on  > [System] > [Detection Management] to enter the detection management interface. You can set the value of **High temperature alarm threshold**. The device will send an alarm prompt when the temperature of the user detected exceeds this value. When the **Temperature over the range; access denied** is enabled, the user will be forbidden to access, as shown in the following figure.



**Note:**

1. The effective distance for temperature detection is within 50cm.
2. Recommended for indoor use.
3. Temperature measurement data is for reference only, not for medical use.
4. Remove the mask to register the face, wear a mask to recognize the face, the type of mask, the size of the face covered by the mask, and bangs will affect the facial recognition effect.
5. Facial verification for masked individuals will increase FAR. Palm verification for masked individuals is recommended.



## Real-time monitoring on ZKBioAccess EP software

Once ZKBioAccess EP software installed, users could perform epidemic management on browser.

Please set the IP address and cloud service server address on the device and add the device to the software.

1. Click [Prevention] > [Epidemic] > [Real-time monitoring] to view all the events include the user whose temperature is over the range. When the Alarm temperature setting has set, the abnormal body temperature will be marked red automatically.

1. Click [Prevention] > [Epidemic] > [Real-time monitoring] to view all the events include the user whose temperature is over the range. When the Alarm temperature setting has set, the abnormal body temperature will be marked red automatically.

2. Click [Epidemic] > [Statistics panel] to view the analysis of statistical data and view the personnels with normal temperature.

As shown in the following figure.

**ZKTeco** Welcome, admin

Area: [Device Name] Status: [.....]


### Temperature management

Alarm temperature setting

Time	Area	Device	Event Point	PersonnelID	First Name	Department	Body temperature	Mask	Status
2020-04-01 14:20:53	Area Name	192.168.1.120	192.168.1.120-1	2			36.0		Normal
2020-04-01 14:20:43	Area Name	192.168.1.120	192.168.1.120-1	2			36.0		Normal
2020-04-01 10:50:21	Area Name	192.168.1.120	192.168.1.120-1	2	Jack	Sales	36.0	None	Exception

Total Received:2    Normal:2    Exception:1    Alarm:0    [Clear Data Base](#)    Sounds Reminder    Show Photos

**Alarm alert**



Number: 1  
 First Name: Jack  
 Department: Sales  
 Body temperature: 37.7  
 Area: Area Name  
 Device: 192.168.1.120  
 Time: 2020-04-01 10:50:21

[Close](#)

**ZKTeco** Welcome, admin

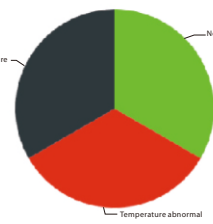
### Epidemic management

Statistics

Time: This week

The current query conditions None

[Refresh](#)



Normal temperature    Temperature abnormal    Unmeasured body temperature

**ViewNormal temperaturePeople**

Personnel ID: [ ]    Department Name: [ ]    [Refresh](#)

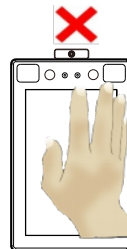
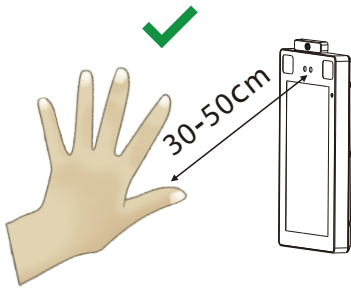
The current query conditions None

PersonnelID	First Name	Department Number	Department Name
3		1	Sales
2		1	Sales

1-2    50 rows per page    Jump To 1 / 1 Page    Total of 2 records

For more details, please refer to the ZKBioAccess EP User Manual.

## 16 Method for Enrolling Palm



### Note:

1. Place your palm within **30-50**cm of the device.
2. Place your palm in the palm collection area, such that the palm is placed parallel to the device.
3. Make sure to keep space between your fingers.

## 17 FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try



to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

# Green Label

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