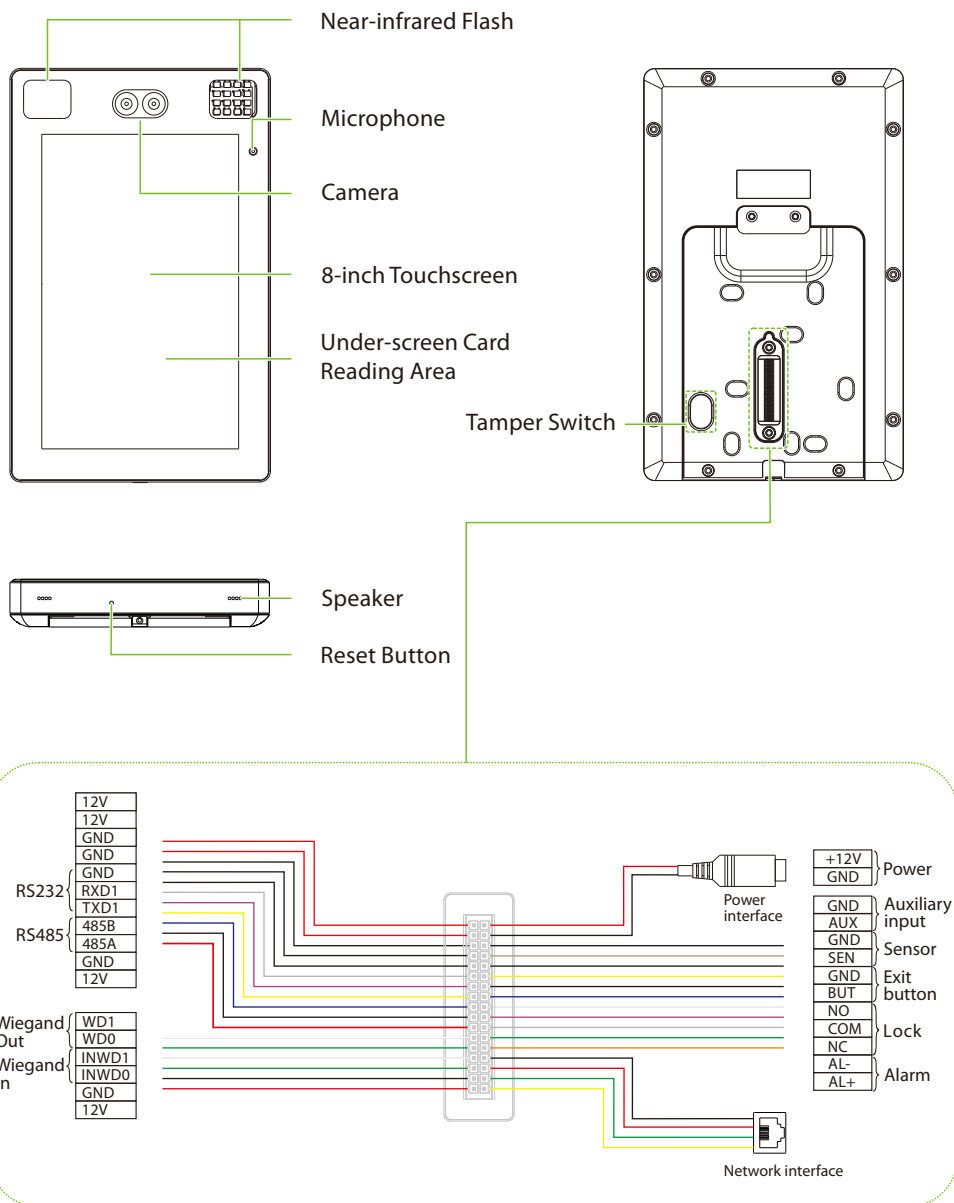


Quick Start Guide

ProFace X (DS)

Version: 1.0

1 Overview



Note: Not all products have the function with ★, the real product shall prevail.

2 Installation Environment

Please refer to the following recommendations for installation.



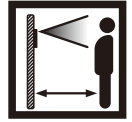
KEEP DISTANCE



AVOID GLASS
REFRACTION



AVOID DIRECT
SUNLIGHT
AND EXPOSURE



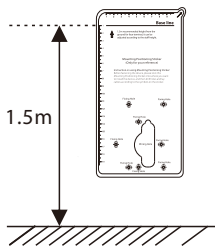
KEEP EFFECTIVE
DISTANCE
0.3-2.5m

3 Device Installation

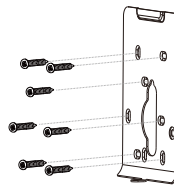
❖ Install on the wall

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

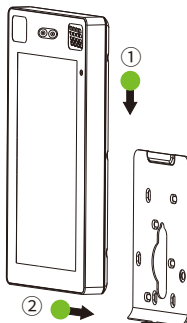
①



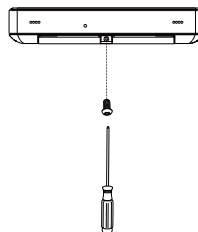
②



③



④



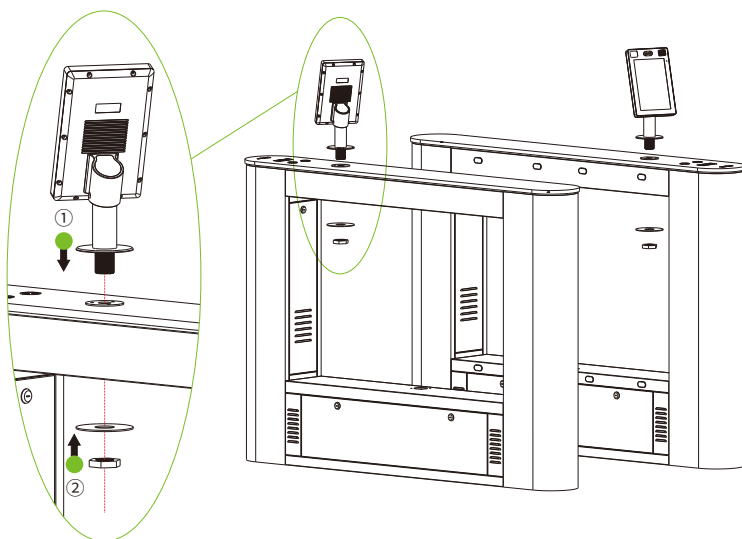
3 Device Installation

❖ Install on the barrier gate

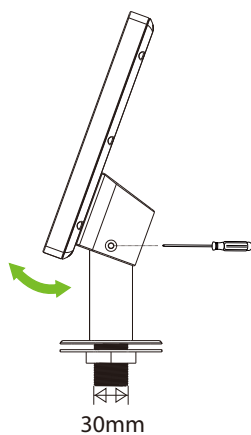
Please thread the wire through the bracket before installation.

- 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.

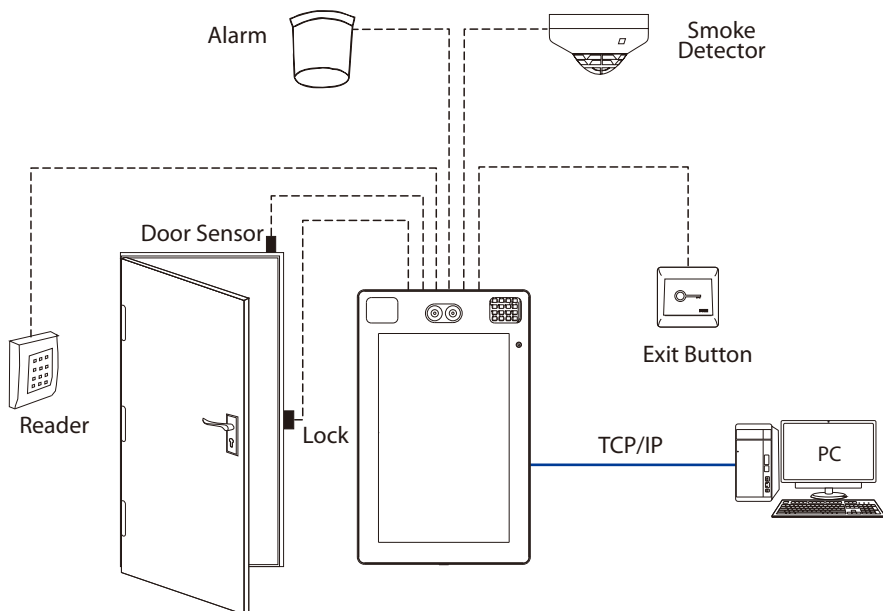
①



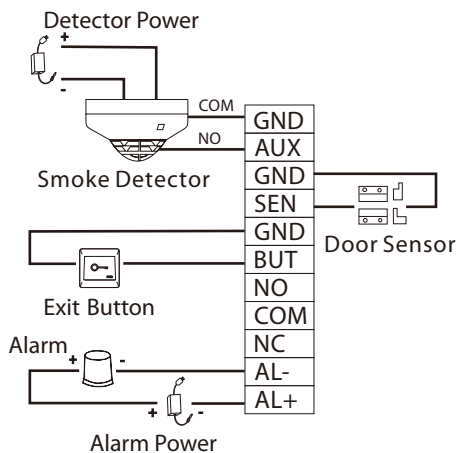
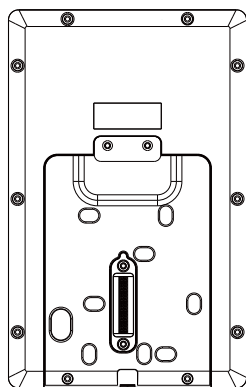
②



4 Standalone Installation



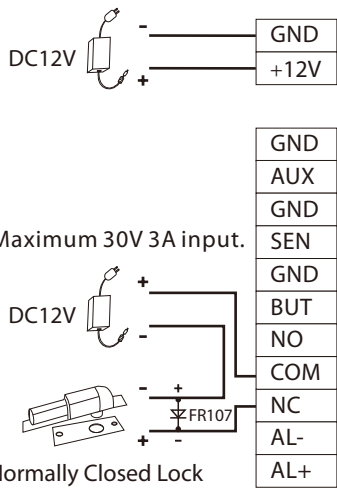
5 Door Sensor, Exit Button & Alarm Connection



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:

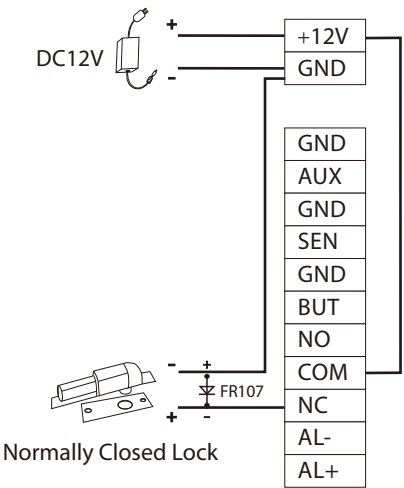
1) Device not sharing power with the lock



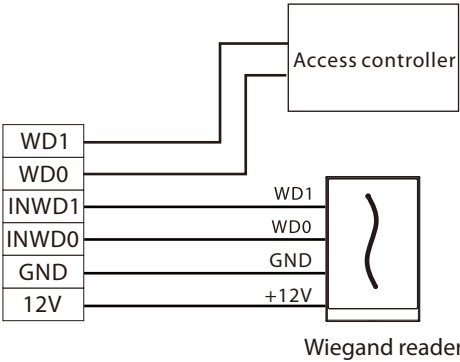
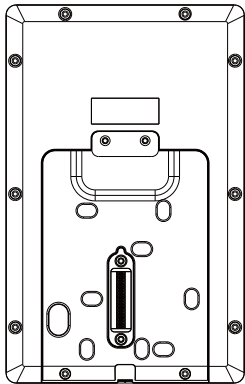
Maximum 30V 3A input.

Do not reverse the polarity.

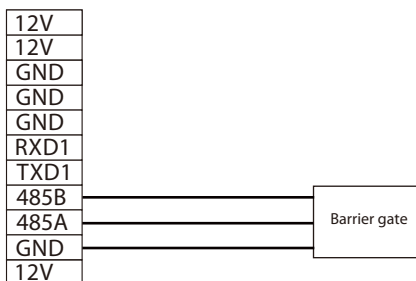
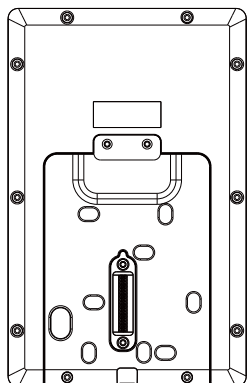
2) Device sharing power with the lock



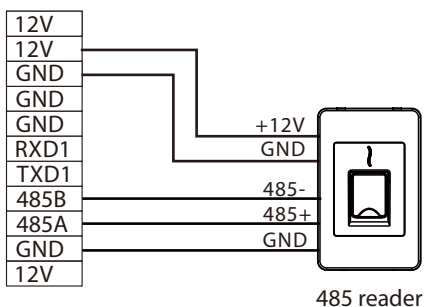
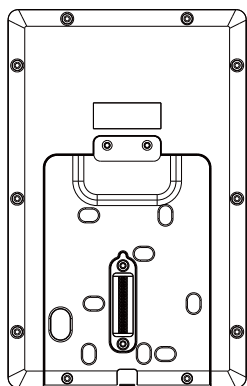
7 Wiegand Reader Connection



8 Barrier Connection

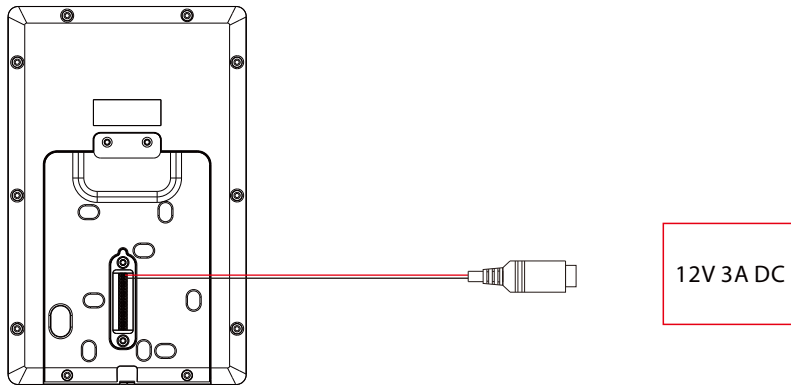


9 RS485 Connection



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

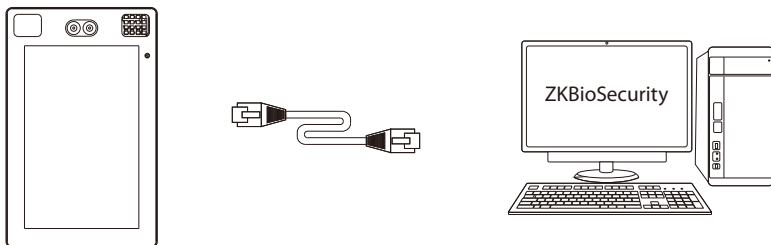
10 Power Connection



- 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 ZKBioSecurity software.

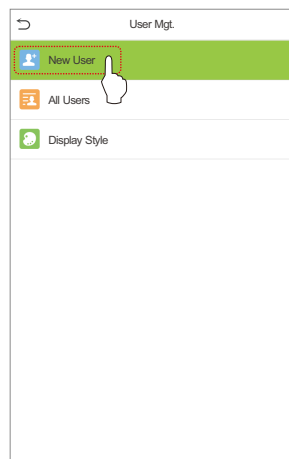
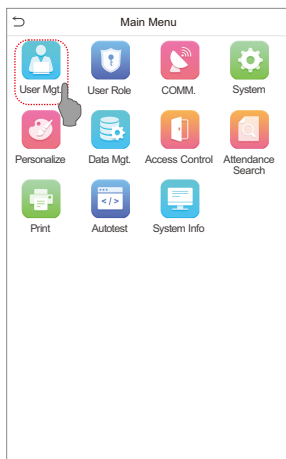
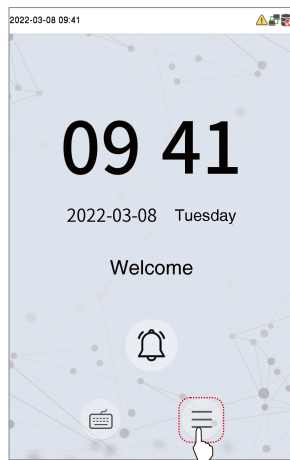
Click on **[Comm.]** > **[Ethernet]** > **[IP Address]**, input the IP address and click on **[OK]**.

12 User Registration

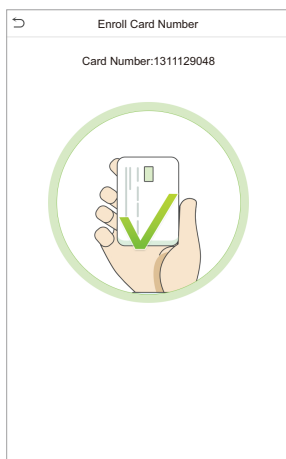
When there is no super administrator set in the device, click on  to enter the menu. After setting the super administrator, the system will request for the administrator's verification before entering the menu. For the security purpose, it is recommended to register a super administrator at the first 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, face, card, password and profile photo, setting user role and access control role.



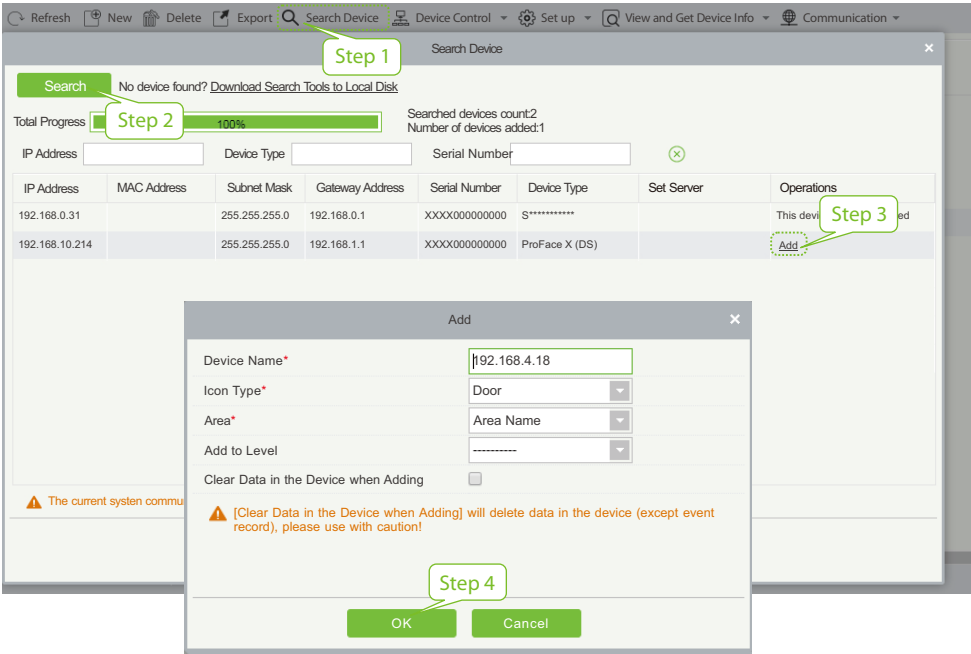
New User	
User ID	1
Name	Mike
User Role	Normal User
Face	
Card Number	
Password	*****
Profile Photo	
Access Control Role	



Method2: Register on ZKBioSecurity software

Please set the IP address and cloud service server address in the Comm. Menu option on the device.

- 1. Click [Access] > [Access Device] > [Device] > [Search Device] to search the device on the software. When an appropriate server address and port is set on the device, the searched devices are displayed automatically.



- 2. Click [Add] in operation column, a new window will pop-up. Select Icon type, Area, and Add to Level from each dropdowns and click [OK] to add the device.
- 3. Click [Personnel] > [Person] > [New] and fill in all the required fields to register a new users in the software.
- 4. Click [Access] > [Device] > [Device Control] > [Synchronize All Data to Devices] to synchronize all the data to the device including the new users.

For more details, please refer to the *ZKBioSecurity User Manual*.

Method 3: Register on the phone

Once ZKBioSecurity 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 generate a QR code. Scan the QR code or login onto "http://Server address: Port/app/v1/adreg" by the mobile phone to register users.

The left screenshot shows the 'Personnel Registration' form. It has a search bar at the top with 'Personnel Registration' and a magnifying glass icon. Below the search bar is a green header 'Personnel Registration'. The form contains a circular profile picture of a man, followed by 'Personnel ID' with the value '1', 'First Name' with the value 'Mike', and 'Last Name' with the value 'Mike'. At the bottom is a green 'OK' button.

The right screenshot shows the 'Parameters' settings page. It has a green header with the ZKTeco logo and a navigation bar with icons. The left sidebar shows 'Personnel' selected. The main content area has sections for 'Personnel ID Setting', 'Card Setting', 'Temporary Personnel Setting', and 'Self-service Registration'. A QR code is displayed in the 'Self-service Registration' section, highlighted by a red box. The QR code URL is 'http://Server address: Port'.

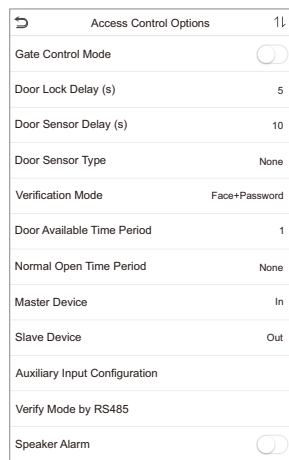
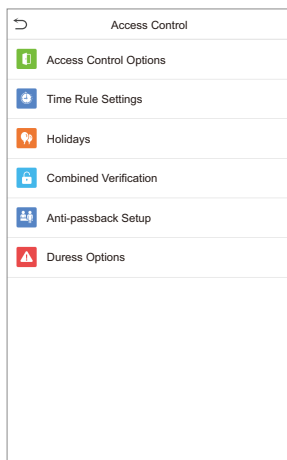
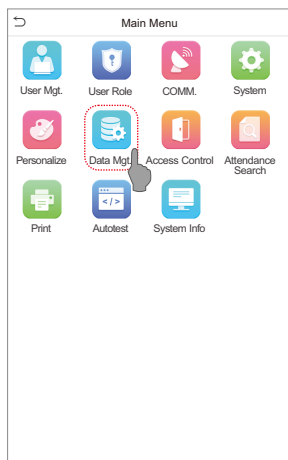
2. The users will be displayed in **[Personnel]** > **[Temporary Personnel]**, click **[Review]**.

The screenshot shows the 'Personnel' list in the ZKTeco software. The top bar has the ZKTeco logo and a navigation bar with icons. The left sidebar shows 'Personnel' selected. The main content area has a search bar and a table of personnel. The table has columns for Personnel ID, First Name, Last Name, Mobile Phone, Status, Create Time, and Operations. A single user 'Mike' is listed with a profile picture and a 'Delete' link.





Personnel ID	First Name	Last Name	Mobile Phone	Status	Create Time	Operations
1	Mike					Delete

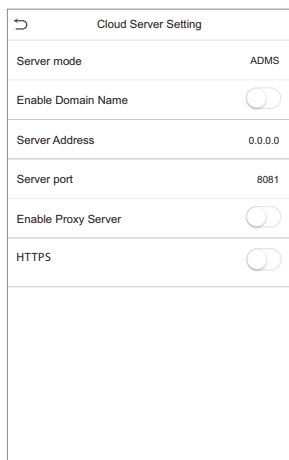
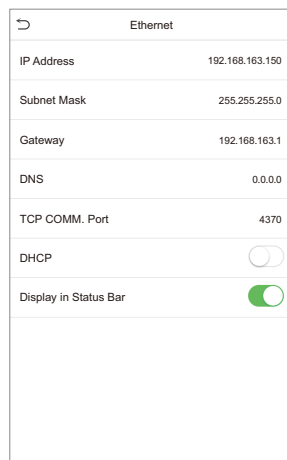
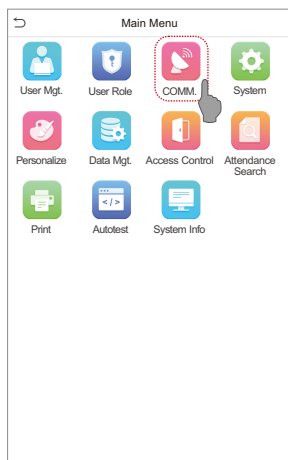
13 Access Control Settings

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



14 Ethernet and Cloud Server Settings

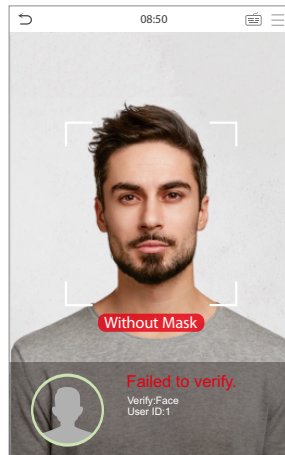
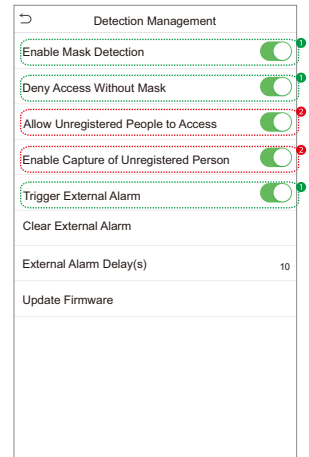
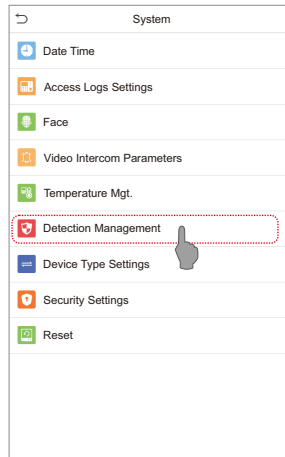
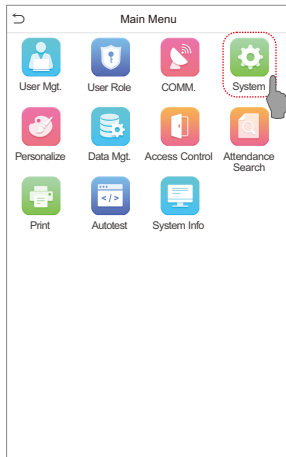
Click on  > **[Comm.]** > **[Ethernet]** to set the network parameters. If the TCP/IP communication of the device is successful, the icon  will be displayed in the upper right corner of the standby interface. Click on  > **[Comm.]** > **[Cloud Server Setting]** to set the server address and server port,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

Click on ☰ > [Detection Management] to enter the setting interface.

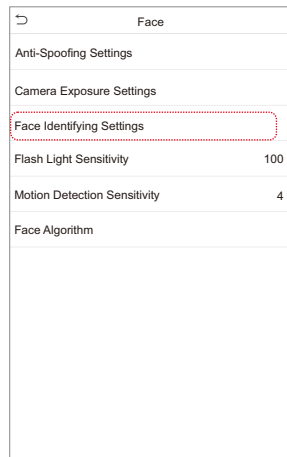
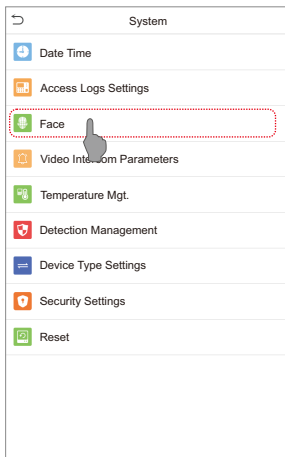
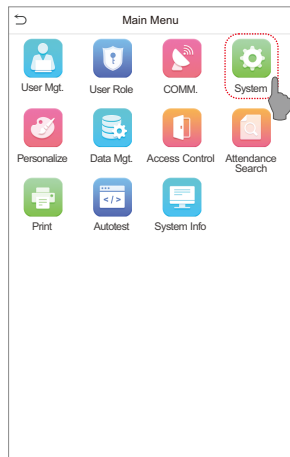
- 1 You can enable mask detection function, and enable the **Deny Access Without Mask** and the **Trigger External Alarm**, the device will send an alarm prompt when the user doesn't wear a mask, meanwhile the user will be forbidden to access, as shown in the following figure.
- 2 When the **Allow Unregistered People to Access** is enabled, you can also set **Enable Capture of Unregistered Person** to save the user photo.



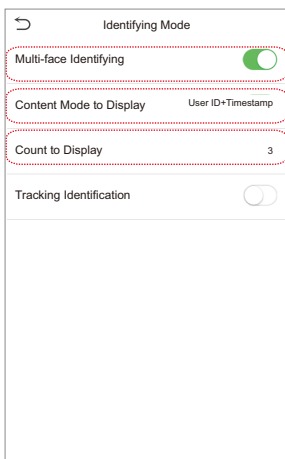
16 Multi-face Identifying Settings

Click on ☰ > [System] > [Face] > [Face Identifying Settings] > [Identifying Mode] > [Multi-face Identifying] to enter the setting interface.


When the **Multi-face Identifying** is enabled, the device can perform facial recognition of multiple people at once. For more details, please refer to the User Manual.




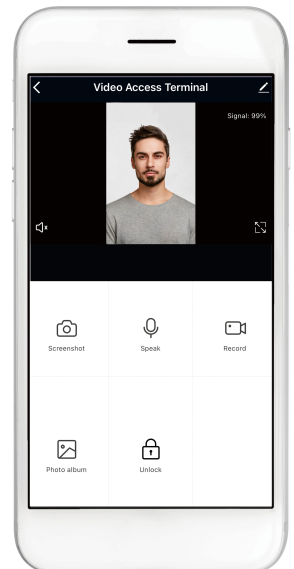
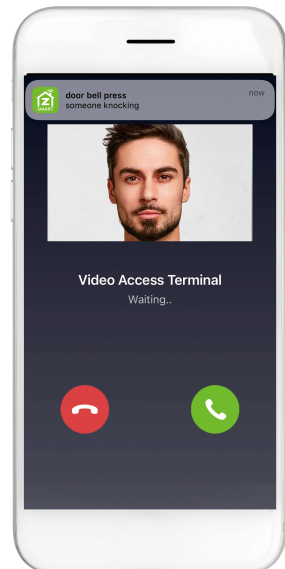
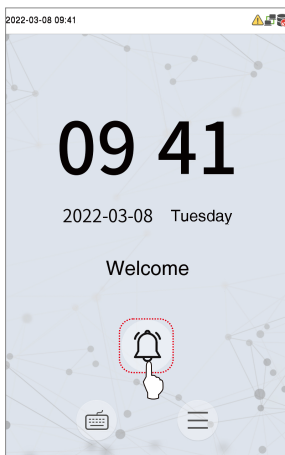
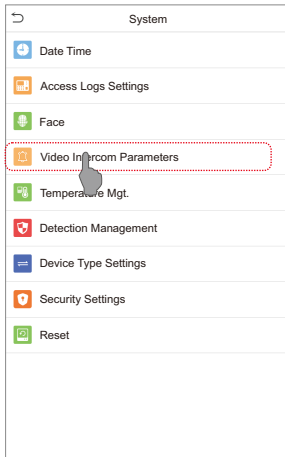
Face Identifying Settings	
1:N Threshold Value	90
1:1 Threshold Value	88
Face Enrollment Threshold	70
1:N Match Threshold for Masked People	68
Face Pitch Angle	25
Face Rotation Angle	30
Image Quality	40
Minimum Face Size	80
Identifying Mode	
Face Comparison Interval(s)	1
Visible-Infra Light Hybrid Matching Mode	<input type="checkbox"/>



17 Video Door Phone Connection★

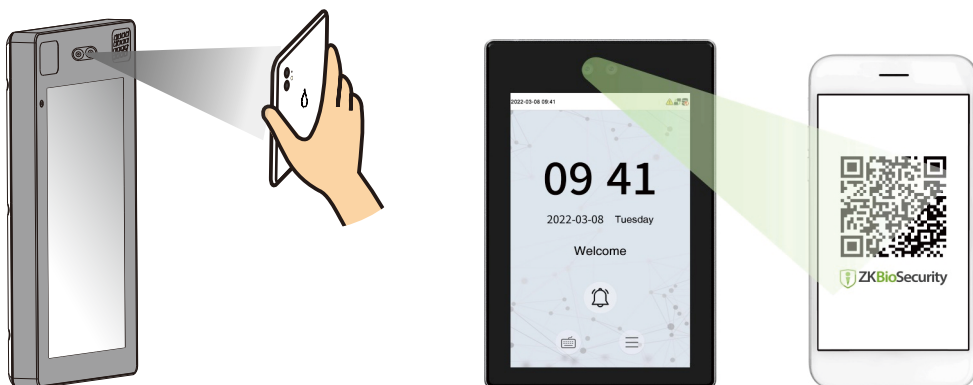
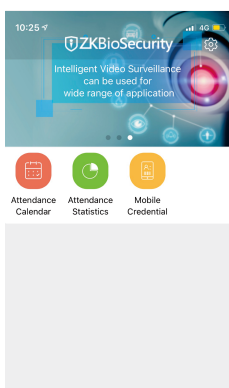
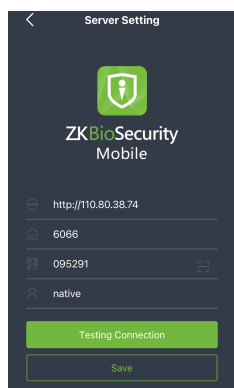
Visitors click the  on the main interface of the device to call and the phone will ring. The user can select accept or decline the call. After the user accepting, it will enter the video door phone interface.

1. On the device, click on  > [System] > [Video Intercom Parameters] > [QR Code Binding].
2. Download and install the ZSmart APP on the phone, open the APP and add the device by scanning the QRcode.



18 QR Code as the Mobile Credential★

1. In [System] > [Basic Management] > [Parameters] of ZKBioSecurity software, set **Enable QR Code** to “Yes”, and select the QR code status according to the actual situation.
2. On the server, choose [System] > [Authority Management] > [Client Register] to add a registered App client.
3. Open the APP, enter the IP address or domain name of the server, and its port number, scan the Register QR-code. After the connection is successful, tap on Employee to switch to the Employee Login screen. Enter the Employee ID and Password (Default: 123456) to login.
4. Tap [Mobile Credential] on the APP, and a QR code will appear. Place the phone screen right in front of the device QR code scanner. For details, please refer to the *ProFace x (DS) User Manual*.



Note:

1. Place your phone within **15-50cm** of the device (distance depends on the size of the phone screen and the density of the QR code). Do not block the camera and the QR code.
2. For more details of Dynamic QR Code, please refer the *ZKBioSecurity Mobile APP User Manual*.

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