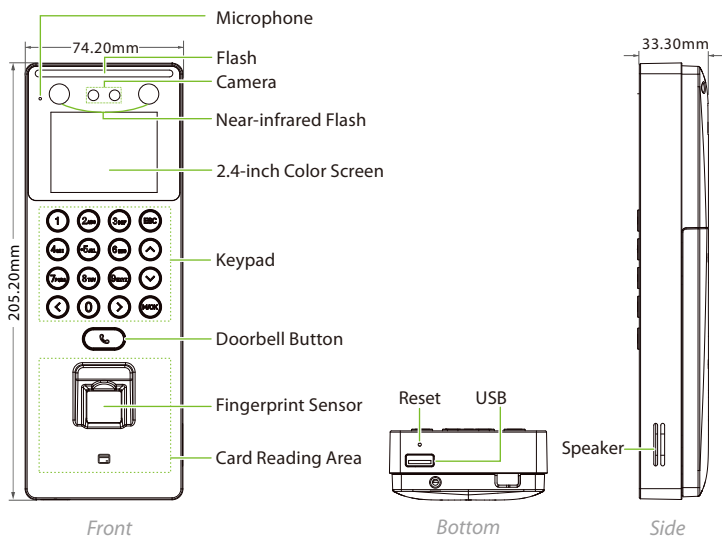


Quick Start Guide

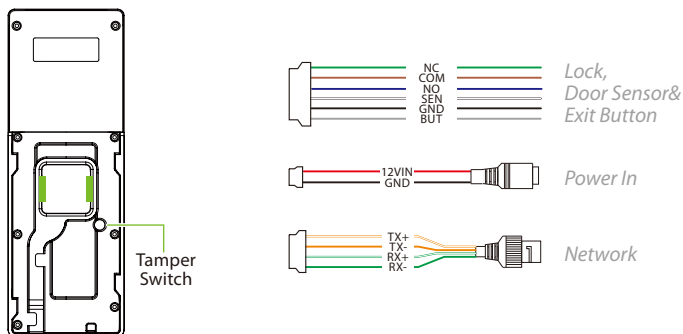
SenseFace 2A

Version: 1.0

1 Overview



2 Terminal Block



3 Installation Environment

Please refer to the following recommendations for installation.



KEEP DISTANCE



AVOID GLASS
REFRACTION



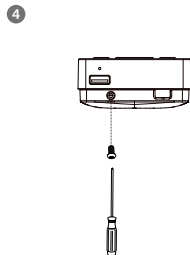
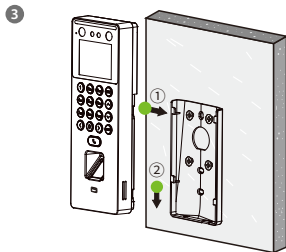
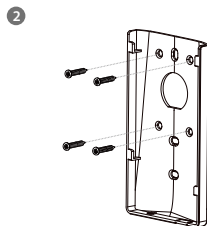
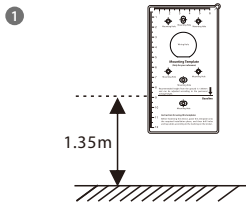
AVOID DIRECT
SUNLIGHT
AND EXPOSURE



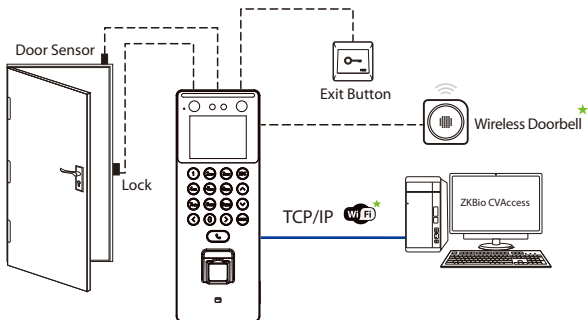
AVOID USE OF
ANY HEAT SOURCE
NEAR THE DEVICE

4 Device Installation

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

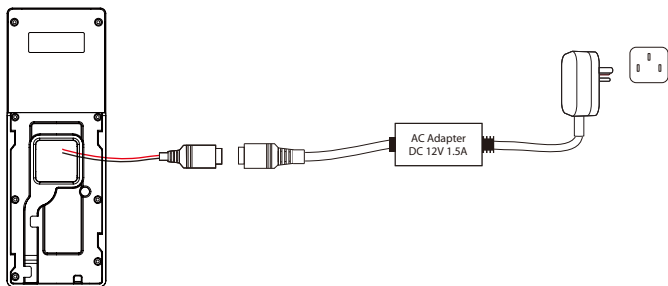


5 Standalone Installation



Note: Features and parameters with ★ mark are not available in all devices.

6 Power Connection

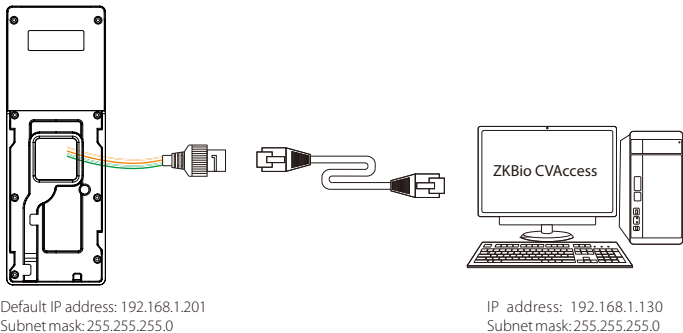


Recommended AC Adapter

- 1) $12V \pm 10\%$, at least 1500mA.
- 2) To share the power with other devices, use an AC Adapter with higher current ratings.

7 Ethernet Connection

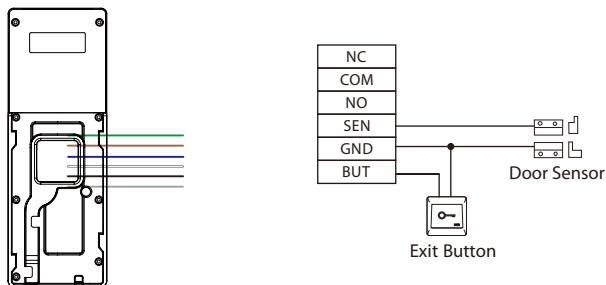
Connect the device and computer software via an Ethernet cable. As shown in the example below:



Enter [COMM.] > [Ethernet] > [IP Address], input the IP address and press M/OK.

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

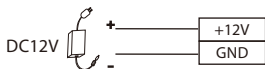
8 Door Sensor & Exit Button Connection



9 Lock Relay Connection

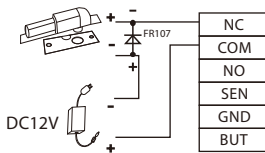
The system supports **Normally Opened Lock** and **Normally Closed Lock**. The **NO LOCK** (normally unlocks when power-on) is connected with 'NO' and 'COM' terminals, and the **NC LOCK** (normally locks when power-on) is connected with 'NC' and 'COM' terminals. Take NC Lock as an example below:


1) Device not sharing power with the lock



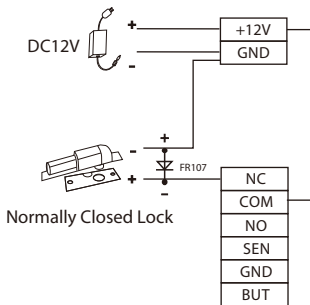
 Do not reverse the polarity.

Normally Closed Lock



 Maximum 30V 3A input.

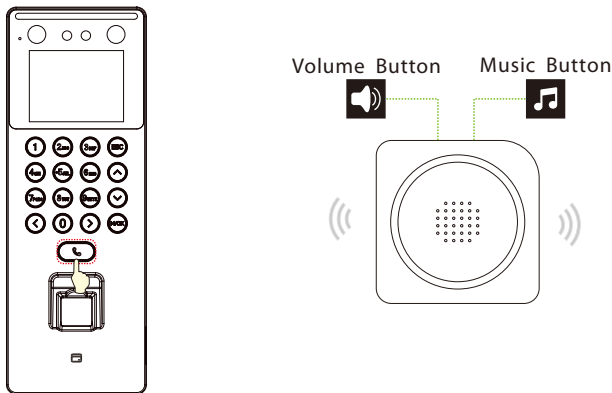
2) Device sharing power with the lock



10 Connect the Wireless Doorbell★

This function needs to be used with the wireless doorbell.

First, power on the wireless doorbell. Then, press and hold the music button 🎵 for 1.5 seconds until the indicator flashes to indicate it's in pairing mode. After that, press the doorbell button 📞 on the device, if the wireless doorbell rings and the indicator flashes, it means the pairing was successful.



After a successful pairing, press the doorbell button 📞 on the device will ring the wireless doorbell.

Note:

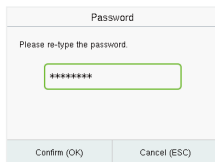
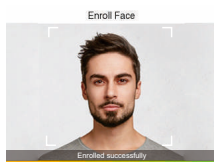
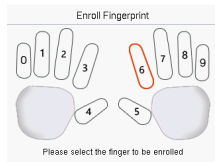
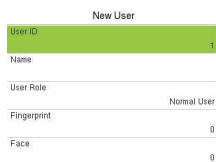
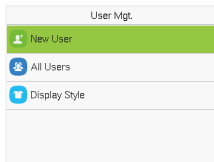
- 1) To use this function, you need to enter the menu ([Intercom] > [Doorbell Setting]) and set it as **Doorbell Only** or **Doorbell+Video Intercom**.
- 2) Each device only supports one wireless doorbell.
- 3) Wireless doorbell needs to be purchased by the customers themselves.

11 User Registration

Press the **M/OK** key to access the main menu in case the device has not been configured with a super administrator. When creating a new user, assign the User Role as Super Admin. This action will prompt the system to request verification from the administrator before granting access to the menu. It is advisable to register a super administrator during the initial setup for enhanced security measures.

Method 1: Registering on the Device

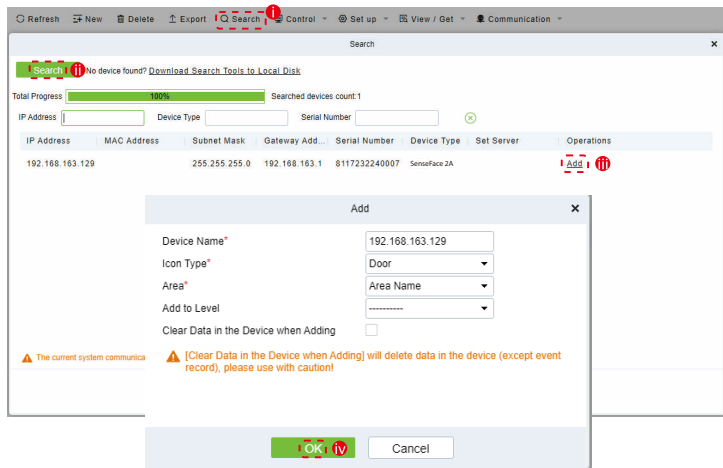
Press **M/OK** and enter [**User Mgt.**] > [**New User**] to register a new user. There are several options available, including entering the user ID and name, setting the user role and access control role, and registering the fingerprint, face, card and password.



Method 2: Register on ZKBio CVAccess software

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

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



2. Click **[Add]** in operation column, a new window will pop-up. Select Icon type, Area, and Add to Level from each drop down list and click **[OK]** to add the device.
3. Click **[Personnel]** > **[Person]** > **[New]** and fill in all the required fields to register new users in the software.
4. Click **[Access]** > **[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 *ZKBio CVAccess User Manual*.

Method 3: Register on the phone

1. Click **[Personnel]** > **[Parameters]**, enter "http://Server address: Port" in the QR Code **URL** bar. The software will automatically generate a QR code. Scan the QR code or login onto "http://Server address: Port/tokenAdreg" by the mobile phone to register users.

The left screenshot shows the 'Personnel Registration' form with the following details:

- Personnel ID: 111
- First Name: xia
- Last Name: (empty)

The right screenshot shows the 'Parameters' settings page with the following details:

- QR Code URL: <https://19.23.12.66:8000/tokenAdreg>
- Enable Self Registration: Yes (selected)
- Personal sensitive information protection: Personnel ID, Last Name, Gender, Mobile Phone, Email, Certificate Number, Birthday (all checked)


2. The users will be displayed in **[Personnel]** > **[Pending Review]**. Click the **[Review]** option and assign a department, then click **[OK]** to successfully add the user.

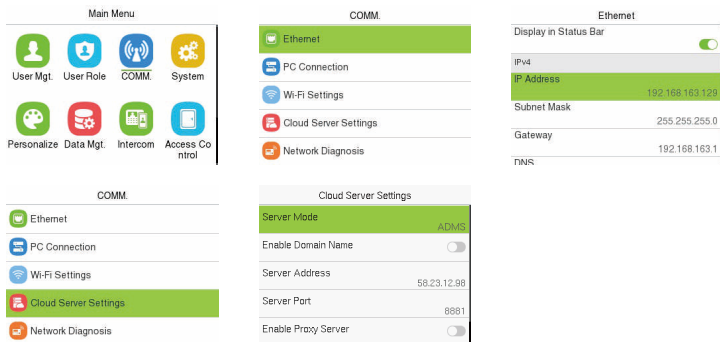
The screenshot shows the 'Pending Review' screen with a modal window for reviewing a user's details. The user's information is as follows:

- Name: Terry
- Personnel ID: 111
- Position: (empty)
- Last Name: (empty)
- Mobile Phone: (empty)
- Card No: (empty)
- Department: IT Department
- Position: (empty)
- Assign Role: (empty)

12 Ethernet and Cloud Server Settings

Press **M/OK** and enter [**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.

Press **M/OK** and enter [**COMM.**] > [**Cloud Server Settings**] to set the server address and server port. For example, set 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.



Note:

During the process of pairing the device with the ZKBio CVAccess software.

Server Address: Set as the IP address of the ZKBio CVAccess server.

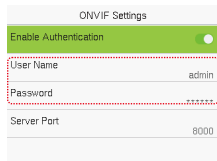
Server Port: Set as the Adms service port of ZKBio CVAccess.

13 ONVIF Settings

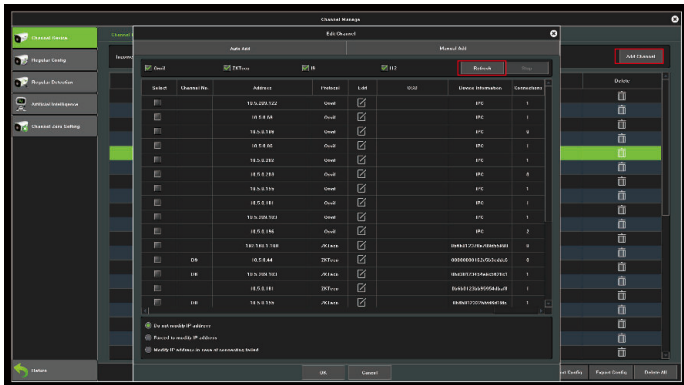
This function needs to be used with the Network Video Recorder (NVR).

1. Set the device to the same network segment as the NVR.
2. Press **M/OK** and enter **[Intercom] > [ONVIF Settings]** to set the User Name and Password.

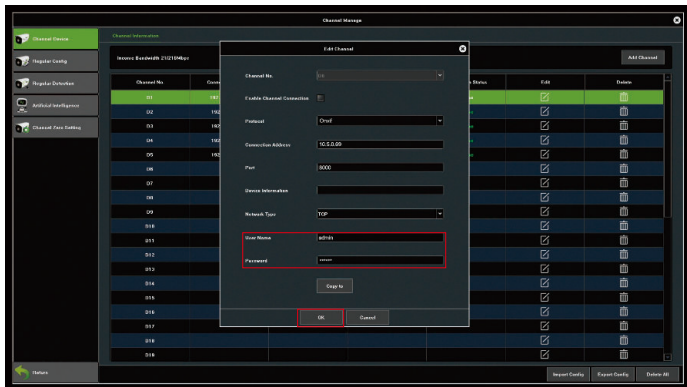
Note: If the Authentication function is disabled, then there is no need to input the User Name and Password when adding the device to the NVR.



3. On the NVR system, click **[Start] > [Menu] > [Channel Manage] > [Add Channel] > [Refresh]** to search for the device.



4. Select the checkbox for the device you want to add and edit the parameters in the corresponding text field, then click on **OK** to add it to the connection list.



5. After successfully adding, the video image obtaining from the device can be viewed in real-time.

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

14 SIP Settings

This function needs to be used with the indoor station.


Local Area Network Use

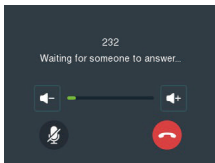
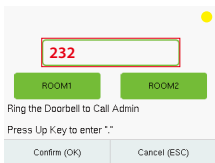
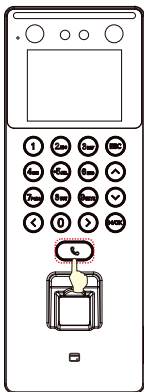
1. Set the indoor station to the same network segment as the device.
2. Press **M/OK** and enter **[Intercom] > [SIP Settings] > [Advanced Settings] > [DTMF]** to set the value as same as the value of DTMF in the indoor station.
3. On the **SIP Settings** interface, enter **[Contact List] > [Add]** to add the connected indoor station.

Device Number: Customize the number of the indoor station.

Call Address: it is the IP Address of the indoor station.

● Enter the IP Address/Device Number of the Indoor Station

Press the  key on the device and enter the IP address/Device Number of the indoor station in the pop-up interface of the device.



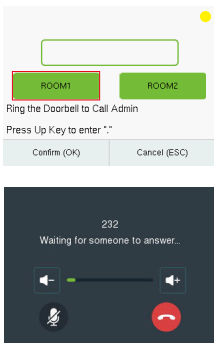
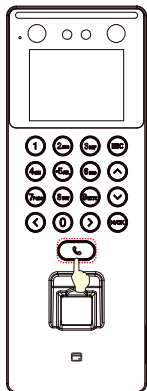
● Calling Shortcut Keys

1. On the **SIP Settings** interface, enter **[Calling Shortcut Settings]** to define the shortcut keys.


Name: Customize the name of the shortcut keys.

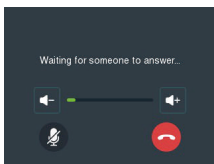
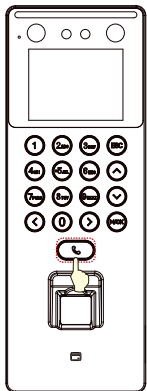
Device Number: It is the device number that set in the **Contact List** Menu.

- Press the  key on the device and click the calling shortcut keys to call the indoor station.



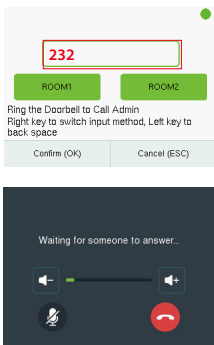
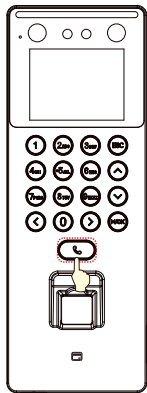
● Direct Calling

- On the **SIP Settings** interface, enter [**Calling Shortcut Settings**] > [**Call Mode**] > [**Direct Calling Mode**] > [**Add**]. Select the IP addresses of the indoor stations that you want to call, then the indoor stations will be displayed in the list.
- Press the  key on the device to call the indoor stations at the same time.



SIP Server

1. On the **SIP Settings** interface, enter [**Local Settings**] > [**SIP Server**] to enable it. Enter [**Master Account Settings**] to set the server-related parameters.
2. Once the SIP is set up correctly, the yellow dot in the upper right corner of the call page will become green, indicates that the device is connected to the server. You can call the account name of the indoor station.



For more details, please refer to the *SenseFace 2A User Manual*.

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