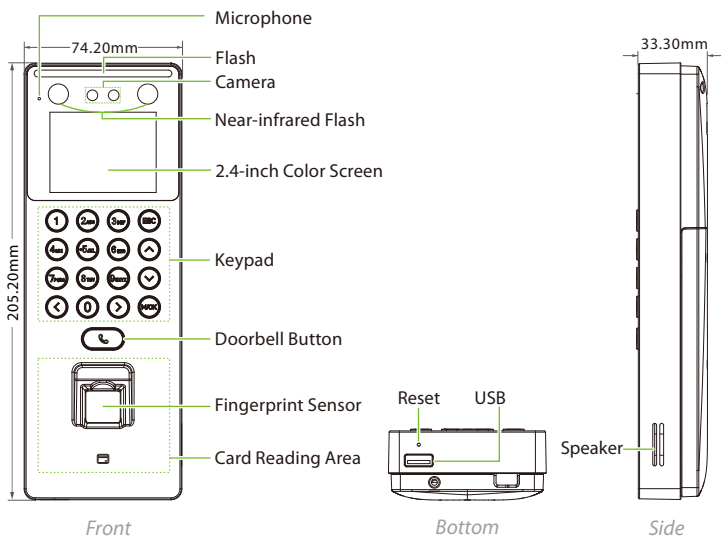


Quick Start Guide

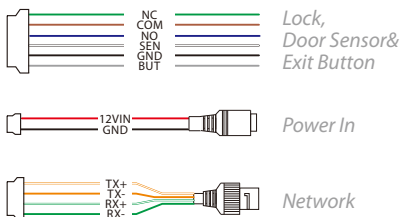
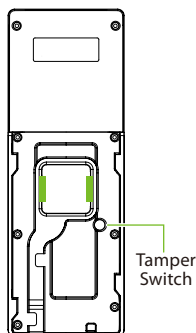
SenseFace 2A

Version: 1.1

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

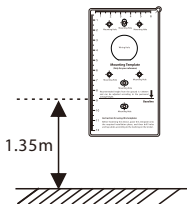


AVOID USE OF
ANY HEAT SOURCE
NEAR THE DEVICE

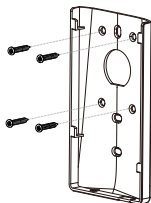
4 Device Installation

- 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.

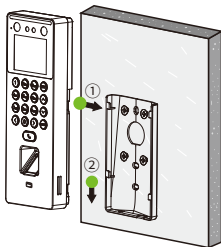
①



②



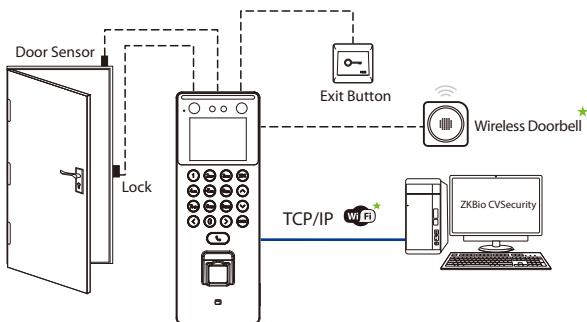
③



④

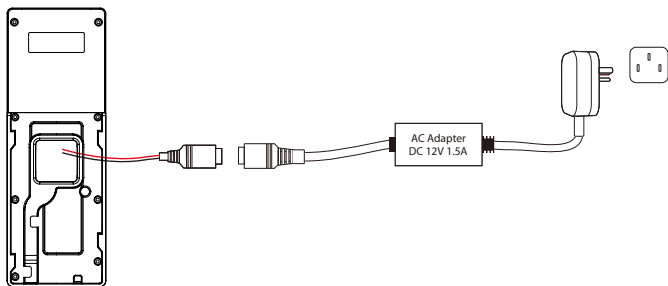


5 Standalone Installation



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

6 Power Connection

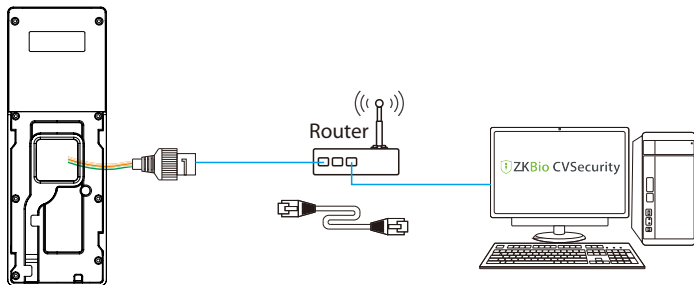


Recommended AC Adapter

- 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

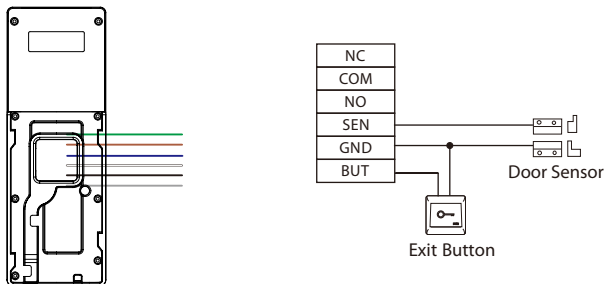
Connect the device and computer software via an Ethernet cable. As shown in the example below:



Enter [COMM.] > [Ethernet] to set the relevant parameters of network.

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.

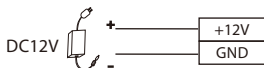
8 Door Sensor & Exit Button Connection



9 Lock Relay Connection

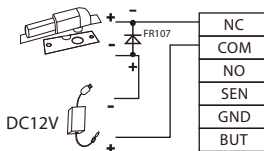
The system supports **Normally Opened Lock** and **Normally Closed Lock**. The **NO LOCK** (normally unlocks when power-on) is connected with 'NO' and 'COM' terminals, and the **NC LOCK** (normally locks when power-on) is connected with 'NC' and 'COM' terminals. Take NC Lock as an example below:

1) Device not sharing power with the lock



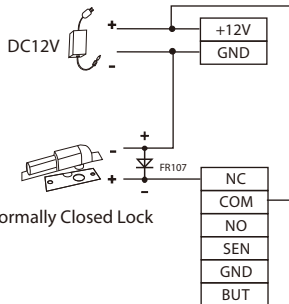
 Do not reverse the polarity.

Normally Closed Lock



 Maximum 30V 3A input.

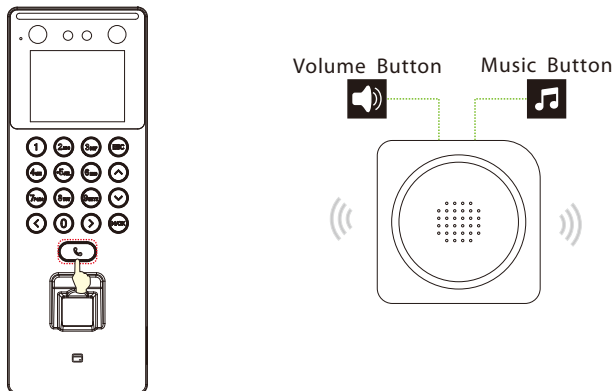
2) Device sharing power with the lock



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:

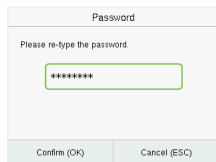
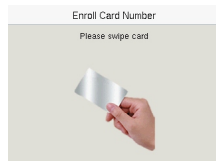
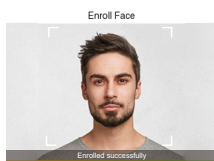
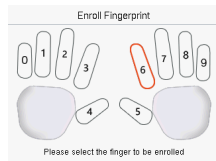
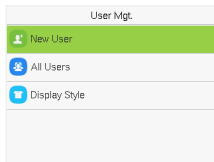
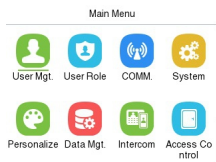
- 1) To use this function, you need to enter the menu ([Intercom] > [Doorbell Setting]) and set it as **Doorbell Only** or **Doorbell+Video Intercom**.
- 2) Each device only supports one wireless doorbell.
- 3) Wireless doorbell needs to be purchased by the customers themselves.

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:

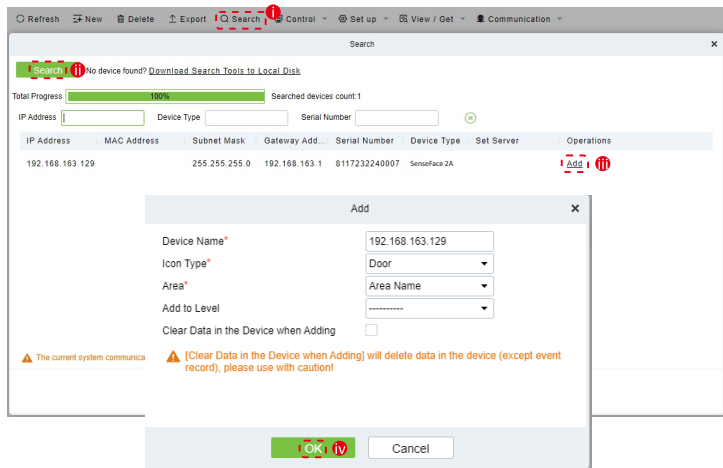
Press **M/OK** and enter [**User Mgt.**] > [**New User**] to register a new user. There are several options available, including entering the user ID and name, setting the user role and access control role, and registering the fingerprint, face, card and password.



Method 2: Register on ZKBio CVSecurity 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.

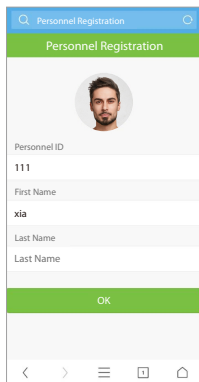


2. Click **[Add]** in operation column, a new window will pop-up. Select Icon type, Area, and Add to Level from each drop down list and click **[OK]** to add the device.
3. Click **[Personnel]** > **[Person]** > **[New]** and fill in all the required fields to register new users in the software.
4. Click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

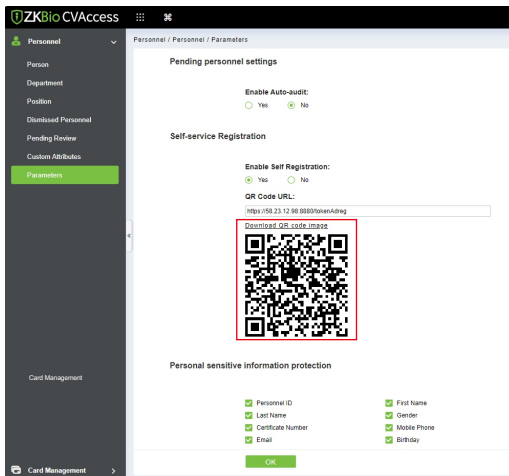
For more details, please refer to the *ZKBio CVSecurity User Manual*.

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.

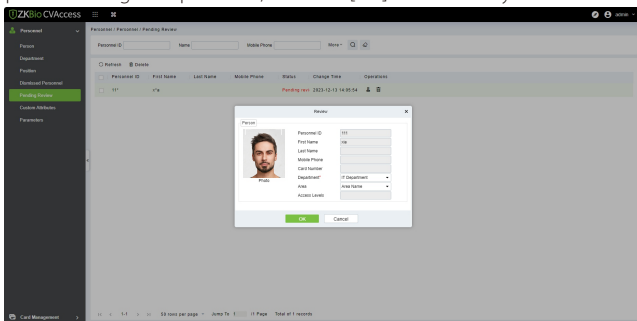


The image shows a mobile application interface for "Personnel Registration". At the top, there is a search bar and a title "Personnel Registration". Below this, a circular profile picture of a man is displayed. Underneath the photo, the text "Personnel ID" is followed by the value "111". Below that, "First Name" is followed by "xia". The "Last Name" field is empty. At the bottom, there is a green "OK" button and a navigation bar with icons for back, forward, menu, and home.



The image shows a web interface for "ZKBio CVAccess". The left sidebar contains a menu with "Personnel" selected, showing sub-items: "Person", "Department", "Position", "Dismissed Personnel", "Pending Review", "Custom Attributes", and "Parameters". The main content area is titled "Personnel / Personnel / Parameters" and contains sections for "Pending personnel settings", "Self-service Registration", and "Personal sensitive information protection". In the "Self-service Registration" section, the "QR Code URL:" field contains "https://58.23.12.96:8080/tokenAdreg", and a "Download QR code image" button is present, which has generated a QR code. The "Personal sensitive information protection" section has checkboxes for "Personnel ID", "Last Name", "Certificate Number", "Email", "First Name", "Gender", "Mobile Phone", and "Birthday", all of which are checked. A green "OK" button is at the bottom.

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.

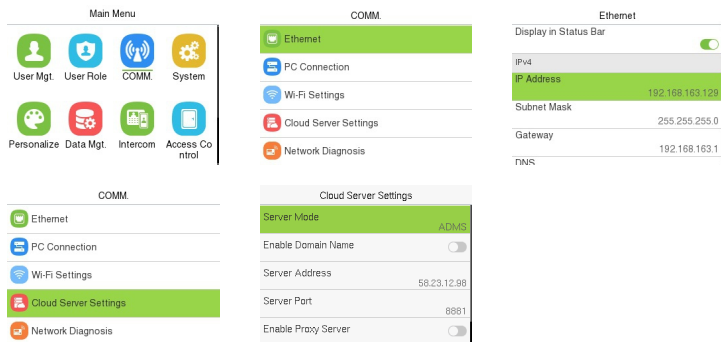


The image shows a web interface for "ZKBio CVAccess" displaying a "Pending Review" table. The table has columns for "Personnel ID", "First Name", "Last Name", "Mobile Phone", "Status", "Change Time", and "Operations". A single row is visible with "111" in the Personnel ID column and "xia" in the First Name column. The status is "Pending review" and the change time is "2023-12-13 14:35:54". A "Review" dialog box is open over the table, showing a profile picture of the user and fields for "Personnel ID" (111), "First Name" (xia), "Last Name", "Mobile Phone", "Card Number", "Department" (IT Department), "Area Name", and "Access Level". The dialog has "OK" and "Cancel" buttons.

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 CVSecurity software.

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

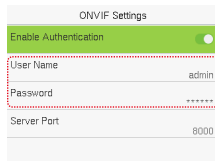
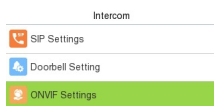
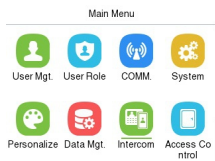
Server Port: Set as the Adms service port of ZKBio CVSecurity.

13 ONVIF Settings

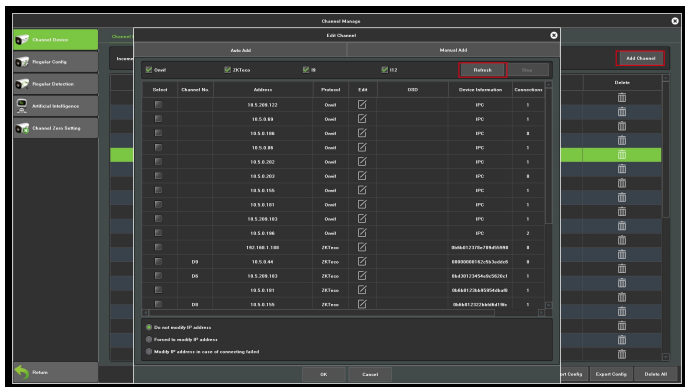
This function needs to be used with the Network Video Recorder (NVR).

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.

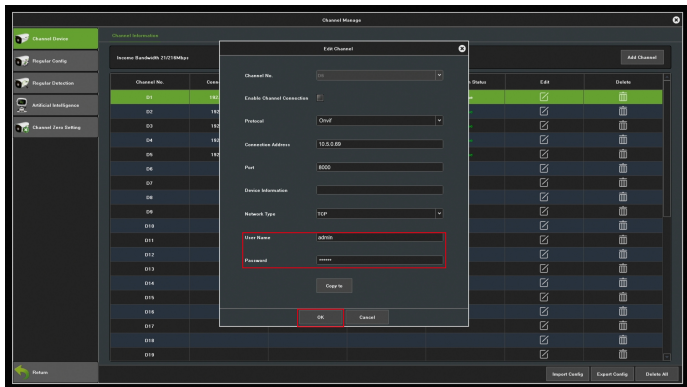
Note: If the Authentication function is disabled, then there is no need to input the User Name and Password when adding the device to the NVR.



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

The device achieves video intercom there are two modes, respectively, the **LAN** and **SIP server**.

Local Area Network Use

In this mode, please make sure that the SIP Server of the device is disabled. This function needs to be used with the indoor monitor VT07-B01.

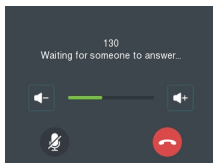
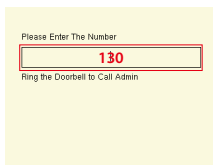
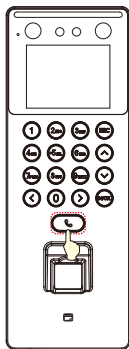
1. Set the indoor monitor to the same network segment as the device.
2. On the indoor monitor, click **[Setting]** > **[Advance Setting]** > **[Device Manage]** > **[Add]** to add the device.
3. On the device, enter **[Intercom]** > **[SIP Settings]** > **[Contact List]**> **[Add]** to add the connected indoor monitor.

Room Number: Customize the number of the indoor monitor.

Call Address: It is the IP Address of the indoor monitor.

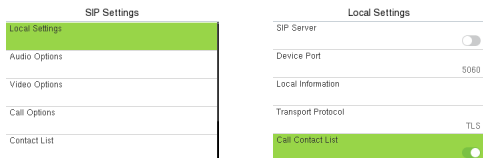
● Enter the Number or IP Address of the Indoor Monitor

Press the  key on the device and enter the Number or IP Address of the indoor monitor in the pop-up interface of the device.

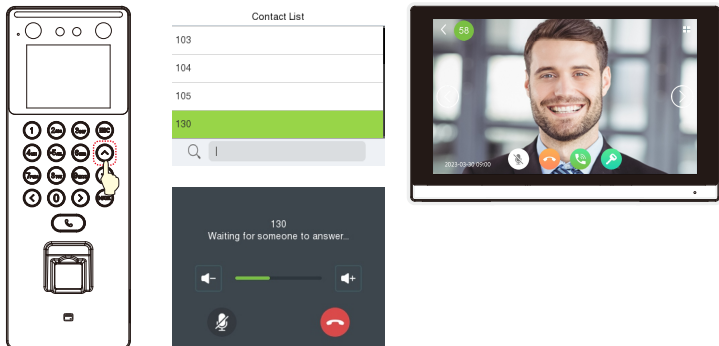


● Call Contact List

1. On the **SIP Settings** interface, enter [**Local Settings**] to enable the call contact list.



2. Press the  key on the device to enter the call page, then you can press the **Up** key to open the contact list, select the number of the indoor monitor you want to call.

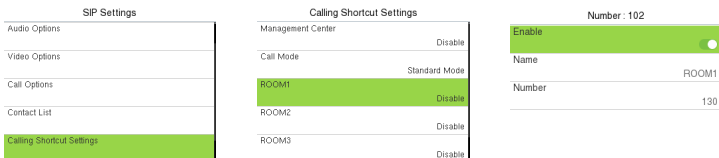


● Calling Shortcut Keys

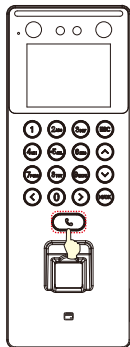
1. On the **SIP Settings** interface, enter [**Calling Shortcut Settings**] to enable and define the shortcut keys.

Name: Customize the name of the shortcut keys.

Number: Select the room number that set in the **Contact List** Menu.



- Press the  key on the device and select the calling shortcut keys to call the indoor monitor.



Please Enter The Number

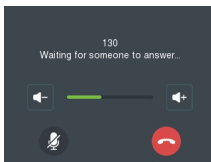
Ring the Doorbell to Call Admin

ROOM1

ROOM2

ROOM3

ROOM4



● Direct Calling

- On the **SIP Settings** interface, enter [**Calling Shortcut Settings**] > [**Call Mode**] > [**Direct Calling Mode**] > [**Add**]. Select the indoor monitors that you want to call, then the indoor monitors will be displayed in the list.

Calling Shortcut Settings

☐ Standard Mode

☒ Direct Calling Mode

Calling Shortcut Settings

Management Center Disable

Call Mode Direct Calling Mode

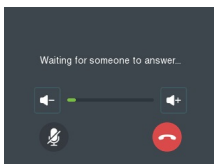
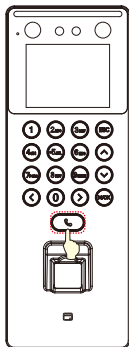
Add

Contact List

☐	103
☐	104
☐	105
☒	130



- Press the  key on the device to call the indoor monitors directly.

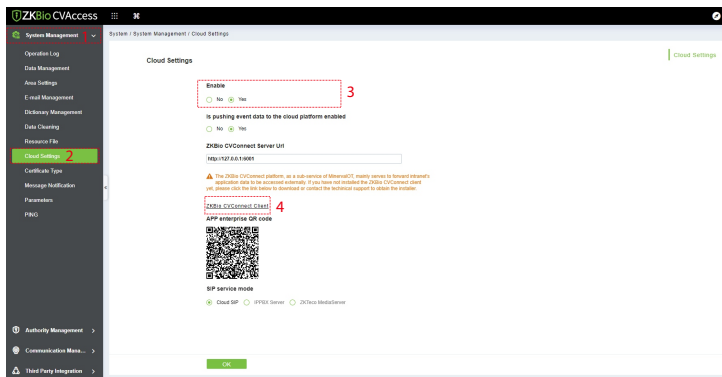


SIP Server

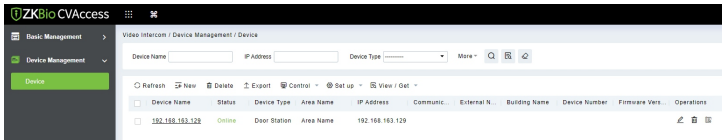
In this mode, please make sure that the SIP Server of the device is enabled. This function needs to be used with the ZKBio CVSecurity server, ZKBio Zexus Mobile App, indoor monitor VT07-B26L-W / VT07-B22L and PC Client BioTalk Pro.

There are 2 kinds of SIP server: **Cloud SIP** and **PBX server**. Here take **Cloud SIP** as an example.

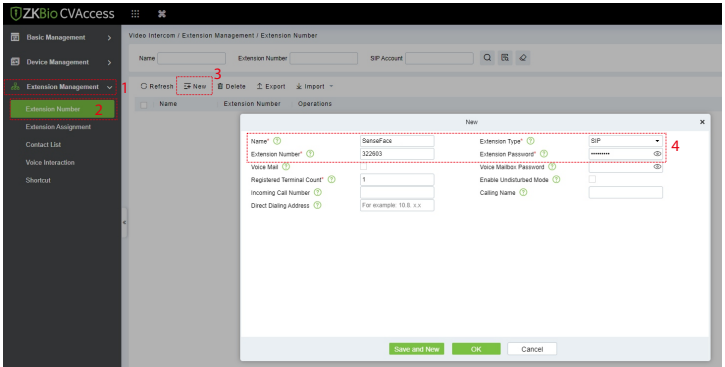
1. On the ZKBio CVSecurity software, click **System > System Management > Cloud Settings** to enable the Cloud SIP service. Click **ZKBio CVConnect Client** to download and install it. (**Note:** The specific installation and activation steps of the client can refer to *ZKBio Zexus Mobile App User Manual*.)



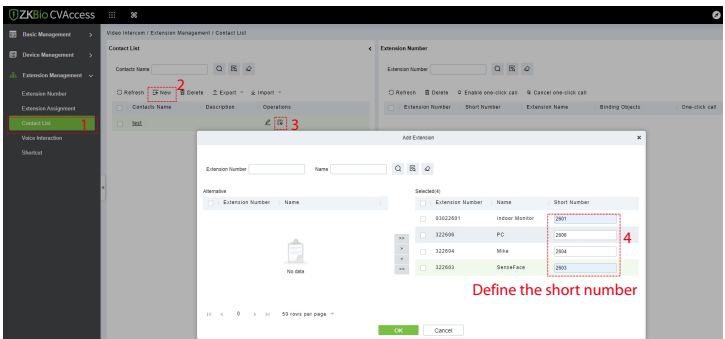
2. Add the device to the **Access** Module of the software. Then the device will be automatically synchronized to the **Video Intercom** module.



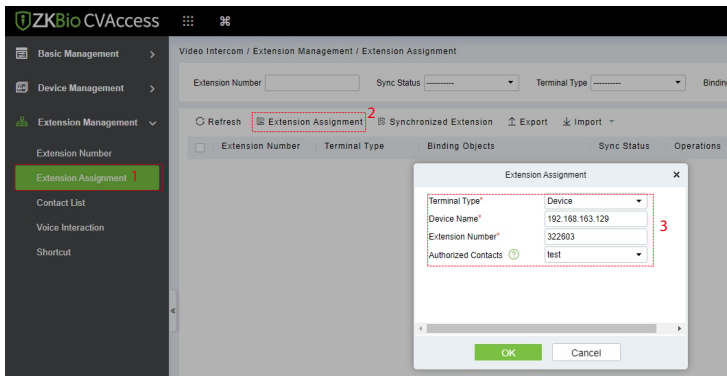
3. Click **Video Intercom > Extension Management > Extension Number > New** to add the extension numbers.



4. Click **Contact List > New** to add the contacts. Then click the  icon to add extension numbers to it.



- Click **Extension Assignment > Extension Assignment** to assign an extension number and synchronize the contacts to the device.

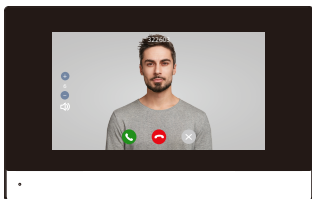
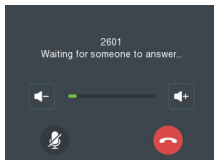
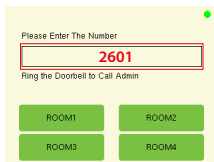
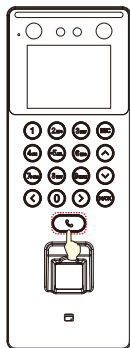


- Once the SIP is set up correctly, a green dot will appear in the upper right corner of the call page, indicates that the device is connected to the server.

● Device Call the Indoor Monitor (VT07-B26L-W / VT07-B22L)

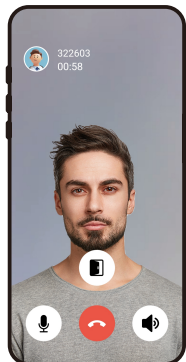
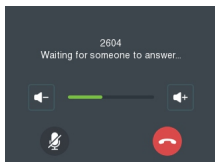
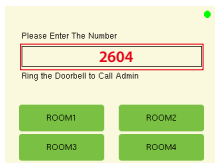
- On the ZKBio CVSecurity software, click **Video Intercom > Device Management > Device > New** to add the indoor monitor. Then assign an extension number to the indoor monitor.
- Press the **📞** key on the device to enter the call page, enter the Short Number of the indoor monitor, or press the **Up** key to open the contact list, select the indoor monitor you want to call.

Note: Enter [Intercom] > [SIP Settings] > [Local Settings] > [Call Number Type], select the call number type as **Room Number**.



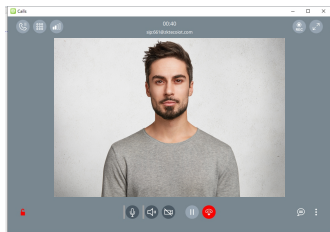
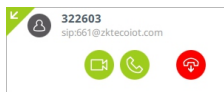
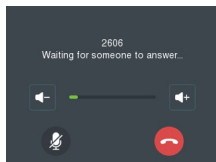
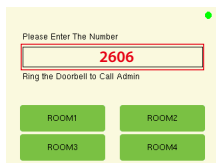
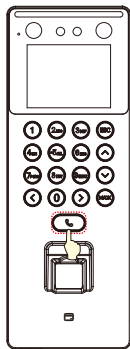
● Device Call the Phone (ZKBio Zexus App)

1. On the ZKBio CVSecurity software, assign an extension number to the personnel.
2. Press the  key on the device to enter the call page, enter the Short Number of the personnel, or press the **Up** key to open the contact list, select the personnel you want to call.



● Device Call the PC Client (BioTalk Pro)

1. Install the BioTalk Pro software and configure the SIP account. (The SIP account is created in the ZKBio CVAccess.)
2. Press the  key on the device to enter the call page, enter the Short Number of the PC client or press the **Up** key to open the contact list, select the PC client you want to call.



Two-way calls can be made between the device, indoor monitor, ZKBio Zexus App, and PC client (BioTalk Pro). For more details, please refer to the user manual.

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