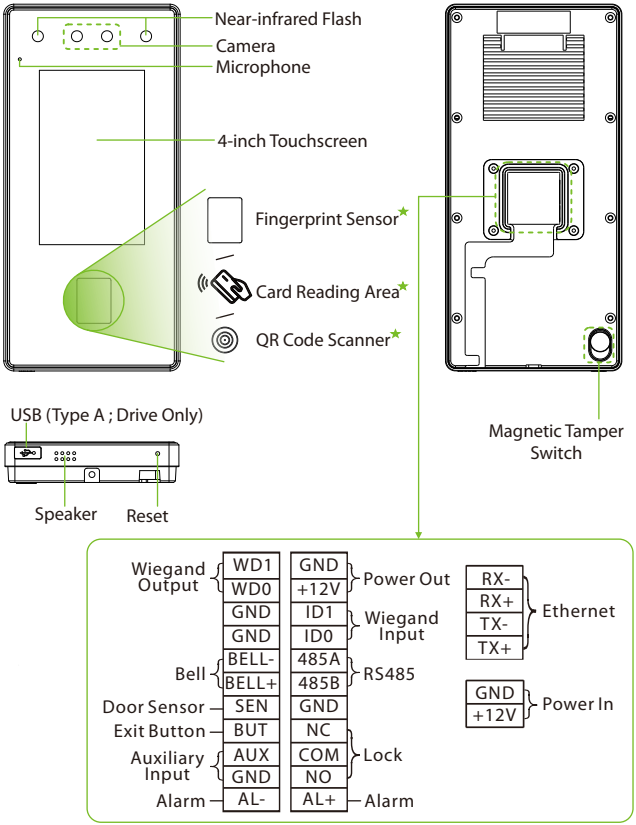
Quick Start Guide

SpeedFace-V4L Pro Series

Version: 2.0

Due to regular upgrades of systems and products, ZKTeco could not guarantee exact consistency between the actual product and the written information in this manual.

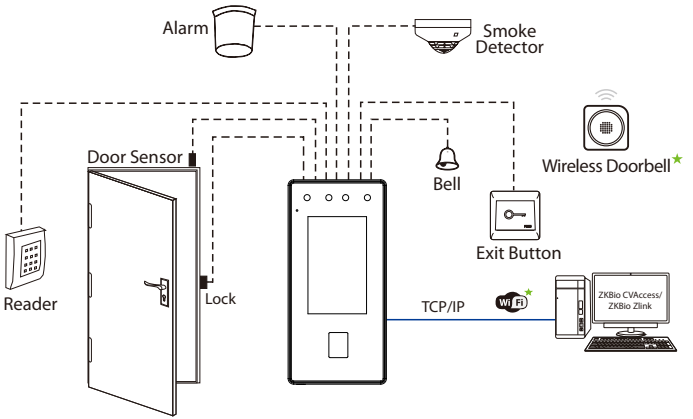
1 Overview



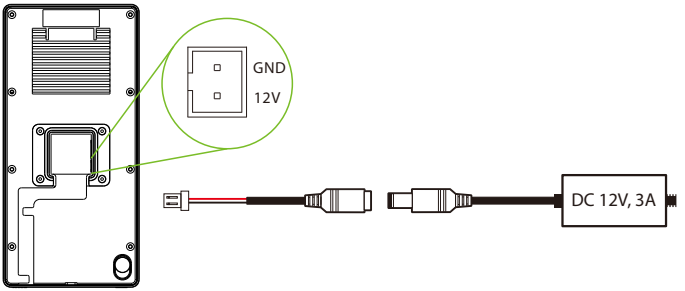
Note:

- To ensure the accuracy of fingerprint recognition, please remove the fingerprint sensor protective film before using your fingerprint.
- Not all products have the function with ★, refer the actual product for confirmation.

2 Standalone Installation



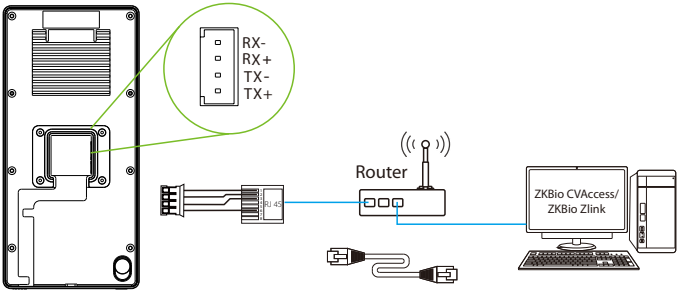
3 Power Connection



Recommended AC Adapter:

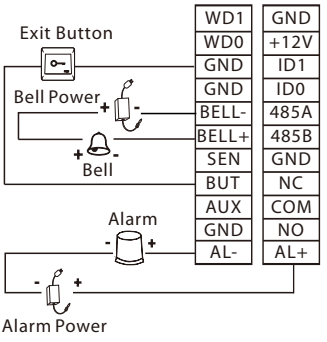
- 12V ± 10%, with a minimum current of 3000mA.
- To share the power with other devices, use a power supply with higher current ratings.

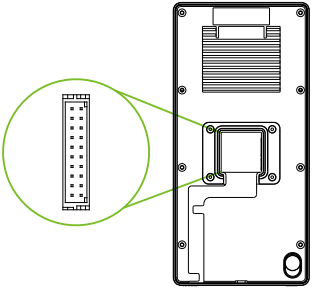
4 Ethernet Connection



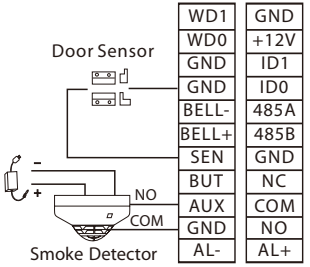
Enter **[COMM.] > [Ethernet]** to configure the relevant network parameters.

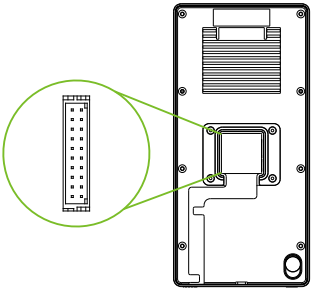
5 Door Bell, Exit Button and Alarm Connection



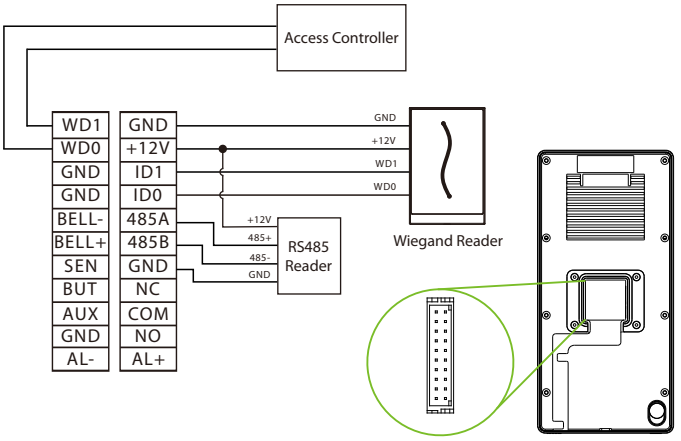


6 Door Sensor and Smoke Detection Connection

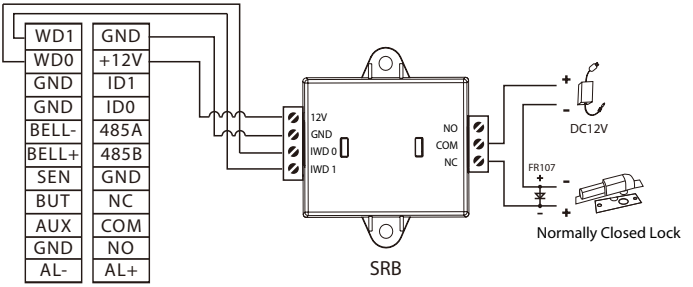




7 RS485 and Wiegand Connection



8 SRB Connection



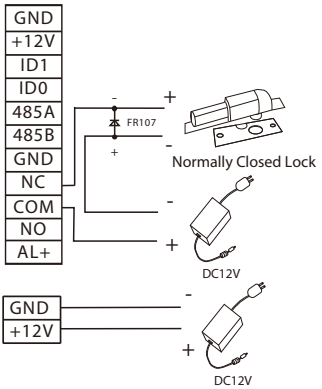
Note: The SRB function is disabled by default. You can enable it in **COMM. > Wiegand Setup > Wiegand Output**.

9 Lock Relay Connection

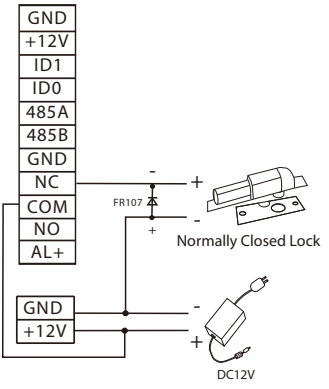
Method 1: Connecting as a Standalone

The system supports both Normally Open (NO) and Normally Closed (NC) locks. A NO lock (open when powered on) should be connected to the "NO1" and "COM" terminals. A NC lock (closed when powered on) should be connected to the "NC1" and "COM" terminals. Example below shows a connection using an NC lock:

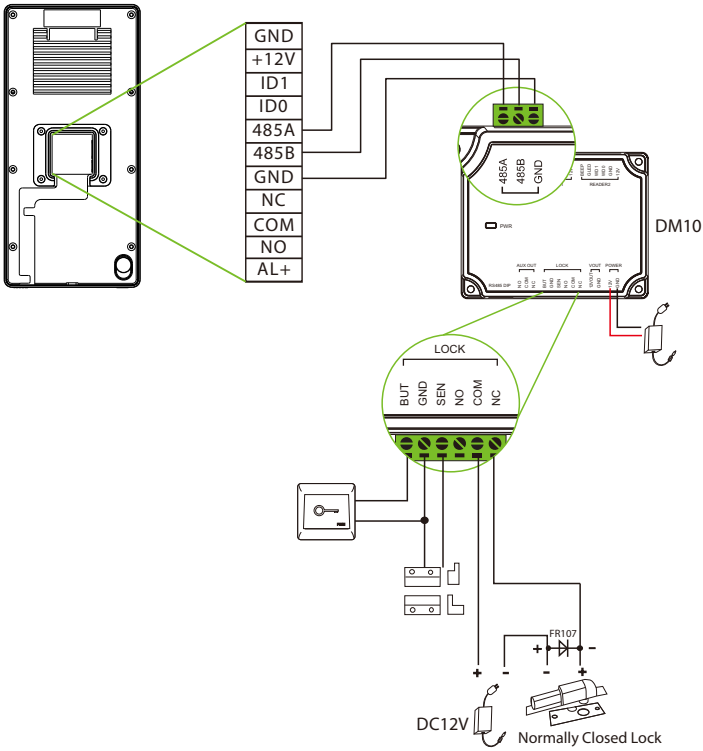
Device not sharing power with the lock:



Device sharing power with the lock:



Method 2: Connecting to DM10★



Note:

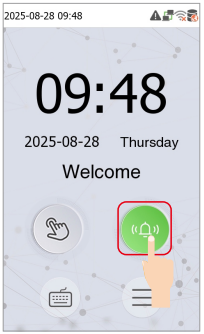
1) To use this function, go to **[COMM.] > [Serial Comm] > [Serial Port]** in the menu and set it to **DM10**. If the connection between the device and DM10 is successful, the icon will be displayed in the upper right corner of the standby interface.

2) The two lock relay connection methods cannot be used simultaneously, only one can be selected.

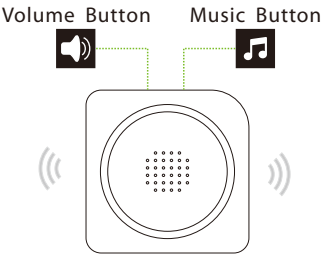
10 Connect the Wireless Doorbell ★

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 light flashes, indicating it is in pairing mode. After that, click on the device icon , if the wireless doorbell rings and the indicator flashes, it means the connection is successful.



Device



Wireless Doorbell

After a successful pairing, clicking the icon of 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) Generally, each device connects to 1 wireless doorbell.

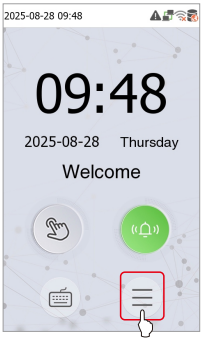
3) Wireless doorbell needs to be purchased by the customers.

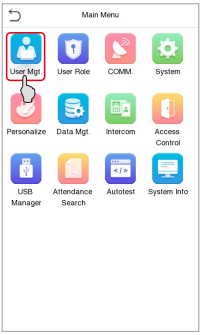
11 User Registration

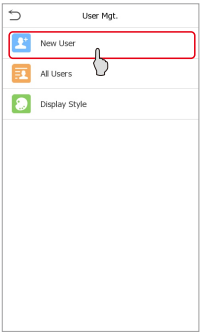
When no super administrator is set on the device, click ☰ to enter the menu. Add a new user and set their User Role to Super Admin. The system will then require administrator verification before granting access to the menu. For security reasons, it is strongly recommended to register a super administrator initially.

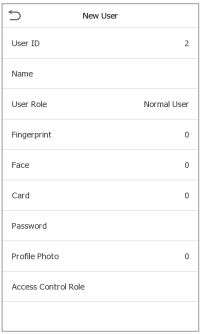
Method 1: Register on the Device

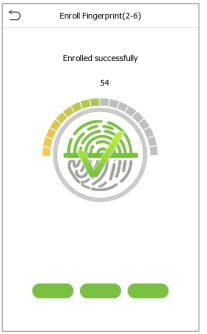
Click on ☰ > **User Mgt.** > **New User** to register a new user. The options include entering the User ID and Name, setting the User Role and Access Control Role, registering a fingerprint*, face, card number*, password, and adding a profile photo.









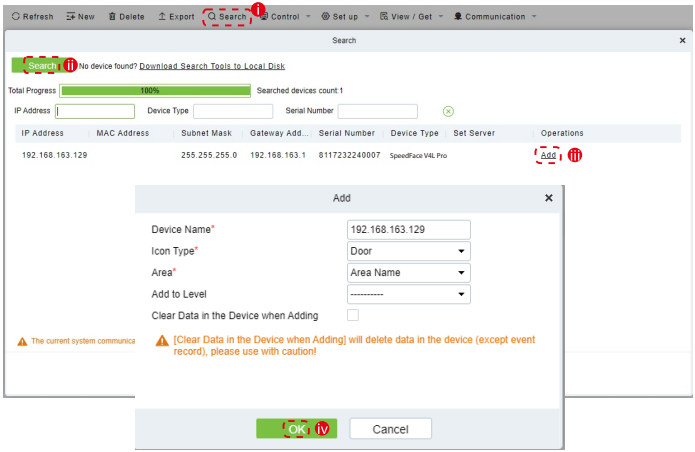


Method 2: Register on ZKBio CVAccess Software

- **Register on the PC**

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.

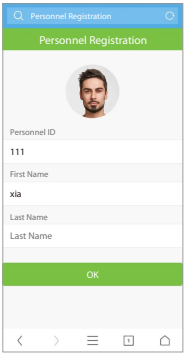
4. Click [**Access**] > [**Device**] > [**Control**] > [**Synchronize All Data to Devices**] to synchronize all data, including the new users to the device.

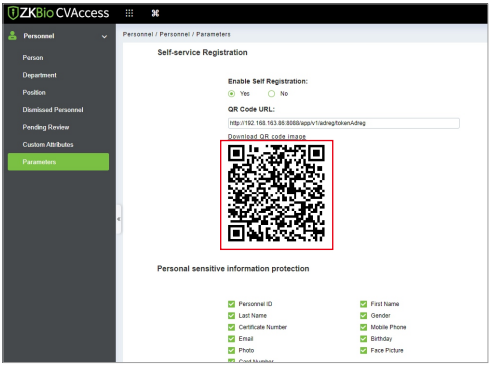
For more details, please refer to the *ZKBio CVAccess User Manual*.

- **Register on the Phone**

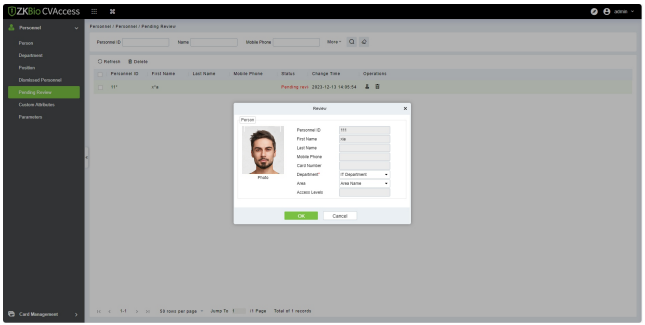
Once the ZKBio CVAccess software is installed, the users could enroll their face template via a browser application on their own mobile phone.

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 with a mobile phone or visit "http://Server address: Port/tokenAdreg" by the mobile phone browser to register users.





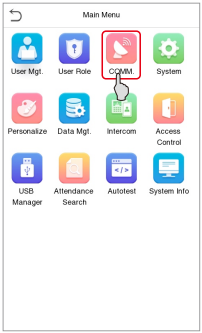
2. The users will be displayed in [**Personnel**] > [**Pending Review**]. Click the [**Review**] option and assign a department, then click [**OK**] to successfully add the user.

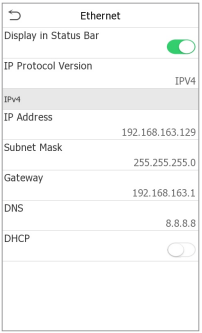


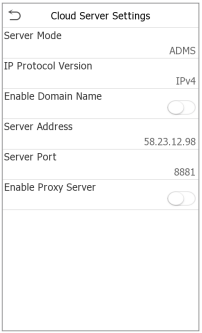
12 Ethernet and Cloud Server Settings

Click on ☰ > **COMM.** > **Ethernet** to set the network parameters. If the device's TCP/IP communication is successful, an icon will be displayed in the upper right corner of the standby interface.

Click on ☰ > **COMM.** > **Cloud Server Settings** to set the server address and server port. If the device successfully communicates with the server, an icon will be displayed in the upper right corner of the standby interface.







Note:

1) 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.

2) When the Communication Protocol of the device is switched to **BEST Protocol**, you do not need to configure the cloud server settings.

13 SIP Settings★

The device supports video intercom in two modes: **LAN** and **SIP server**.

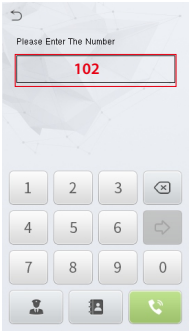
Local Area Network Use

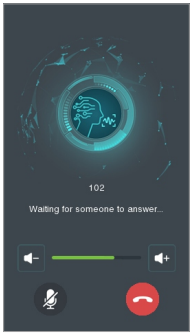
In this mode, please make sure that the device's SIP Server is disabled. This function requires use with the indoor monitor VT07-B01.

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, click ☰ **> 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**

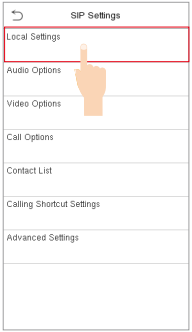
Click 101 icon on the device and enter the Number or IP Address of the indoor monitor in the pop-up interface of the device.

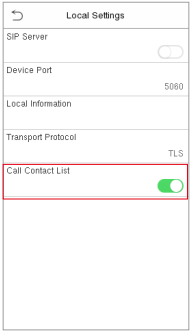


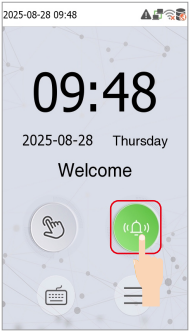


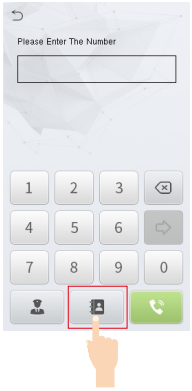
- **Call Contact List**

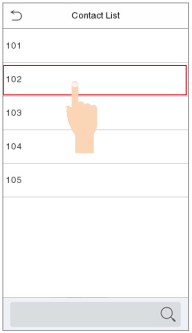
1. On the **SIP Settings** interface, click **Local Settings** to enable the call contact list.
2. Click icon on the device to enter the call page, then you can click the icon to open the contact list, select the number of the indoor monitor you want to call.

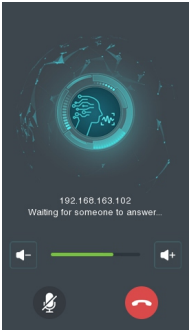








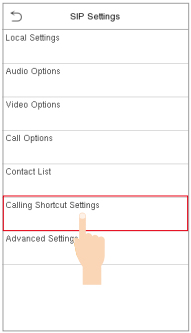


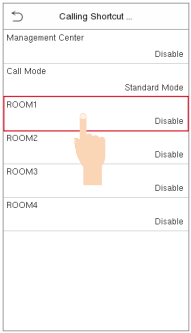


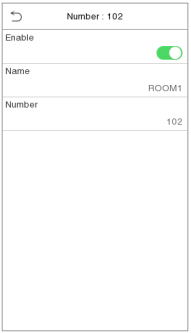
- **Calling Shortcut Keys**

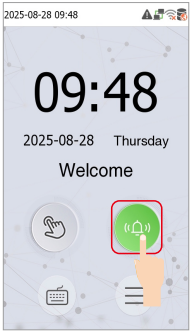
1. On the **SIP Settings** interface, click **Calling Shortcut Settings** to enable and define the shortcut keys.
   Name: Customize the name of the shortcut keys.
   Number: Select the room number that set in the **Contact List** Menu.

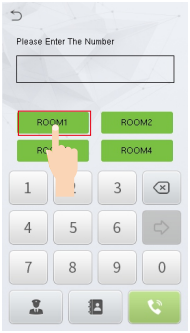
2. Click the icon on the device, then click the calling shortcut key to call the indoor monitor.

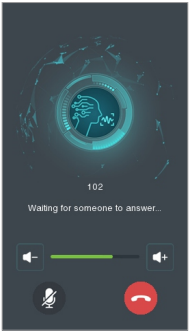






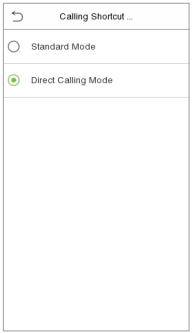


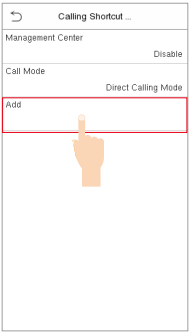


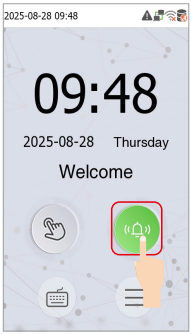


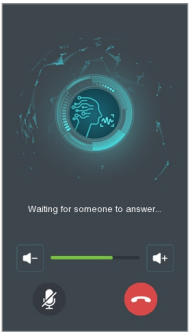
- **Direct Calling**

1. On the **SIP Settings** interface, click **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.
2. Click the icon on the device to call the indoor monitors directly.







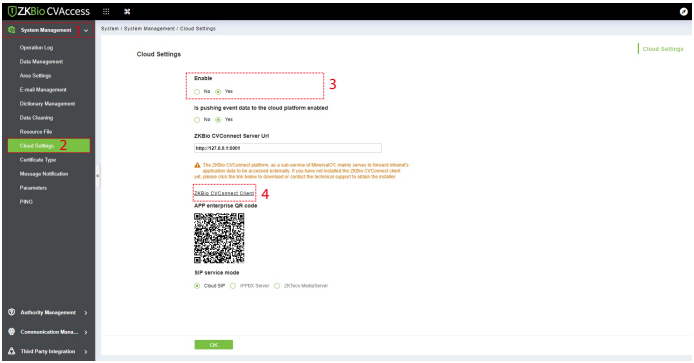


SIP Server

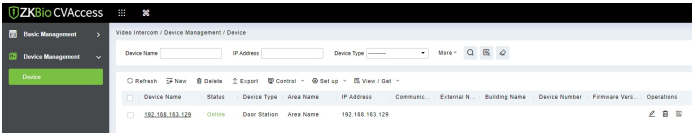
In this mode, please make sure that the SIP Server of the device is enabled. This function needs to be used with the ZKBio CVAccess server, ZKBio Zexus Mobile App, indoor monitor VT07-B26L-W / VT07-B22L and PC Client BioTalk Pro.

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

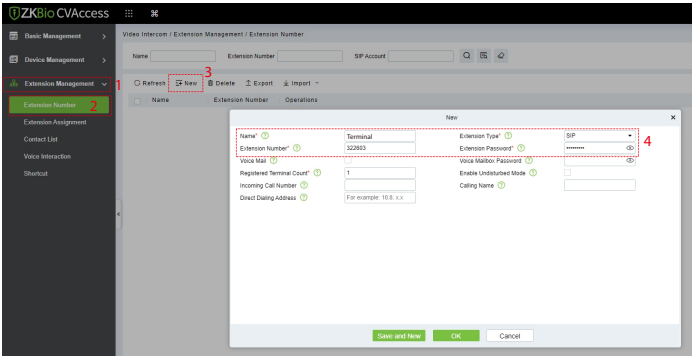
1. On the ZKBio CVAccess software, click **System > System Management > Cloud Settings** to enable the Cloud SIP service. Click **ZKBio CVConnect Client** to download and install it. (**Note:** For detailed installation and activation steps, refer to the *ZKBio Zexus Mobile App User Manual*.)



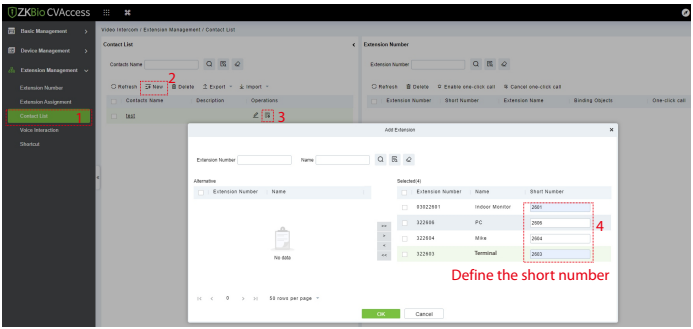
2. Add the device to the **Access** Module of the software. Then the device will automatically synchronize with the **Video Intercom** module.



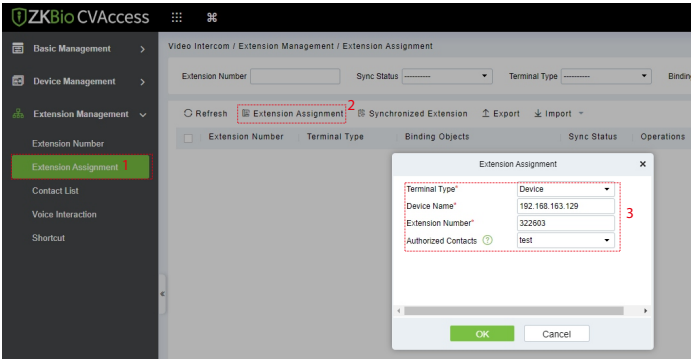
3. Click **Video Intercom > Extension Management > Extension Number > New** to add the extension numbers.



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



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

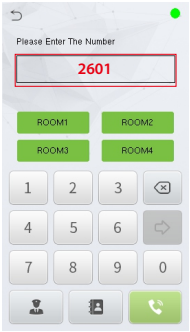


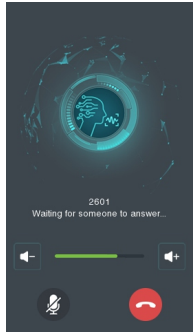
6. Once the SIP is set up correctly, a green dot will appear in the upper right corner of the call page, indicates that the device is connected to the server.

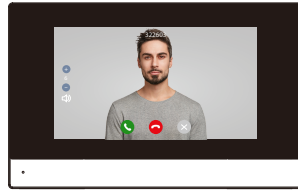
- **Device Call the Indoor Monitor (VT07-B26L-W / VT07-B22L)**

1. On the ZKBio CVAccess software, click **Video Intercom > Device Management > Device > New** to add the indoor monitor. Then assign an extension number to the indoor monitor.
2. Click the icon on the device to enter the call page, enter the Short Number of the indoor monitor, or click the icon to open the contact list, select the indoor monitor you want to call.

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

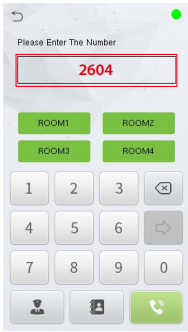


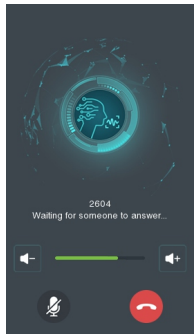


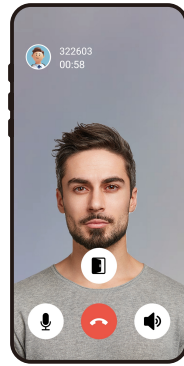


- **Device Call the Phone (ZKBio Zexus App)**

1. On the ZKBio CVAccess software, assign an extension number to the personnel.
2. Click the icon on the device to enter the call page, enter the Short Number of the personnel, or click the icon to open the contact list, select the personnel you want to call.

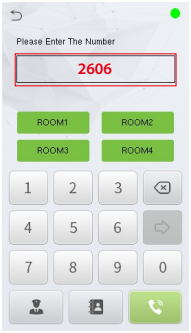


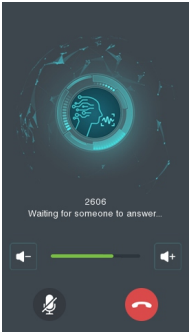


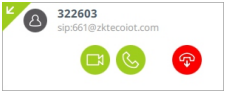


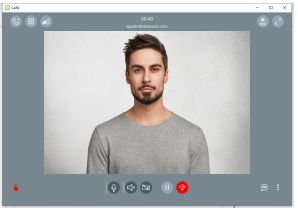
- **Device Call the PC Client (BioTalk Pro)**

1. Install the BioTalk Pro software and configure the SIP account. (The SIP account is created in the ZKBio CVAccesss.)
2. Click the icon on the device to enter the call page, enter the Short Number of the PC client, or click the icon to open the contact list, select the PC client you want to call.









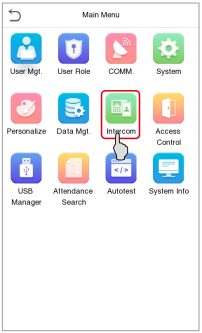
Two-way calls can be made between the device, indoor monitor, ZKBio Zexus App, and PC client (BioTalk Pro). For more details, please refer to the user manual.

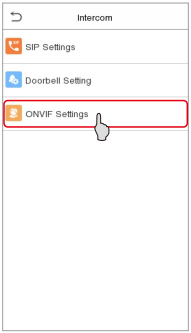
14 ONVIF Settings ★

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

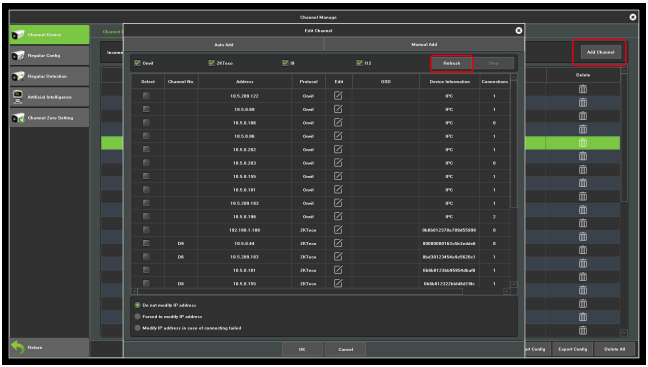
1. Set the device to the same network segment as the NVR.
2. Click ☰ >**Intercom** > **ONVIF Settings** to set the User Name and Password.

   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.*

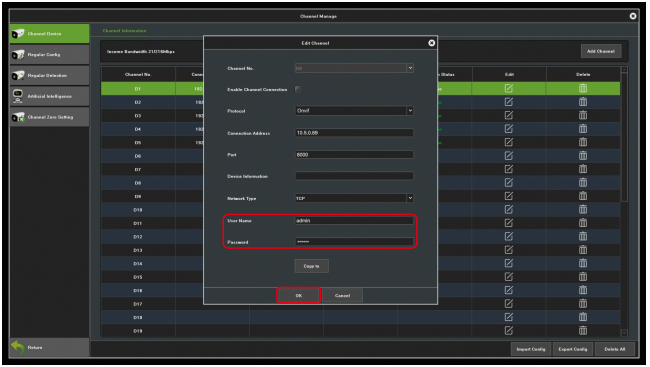




3. On the NVR system, click **Start** > **Menu** > **Channel Manage** > **Add Channel** > **Refresh** to search for the device.



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*.

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