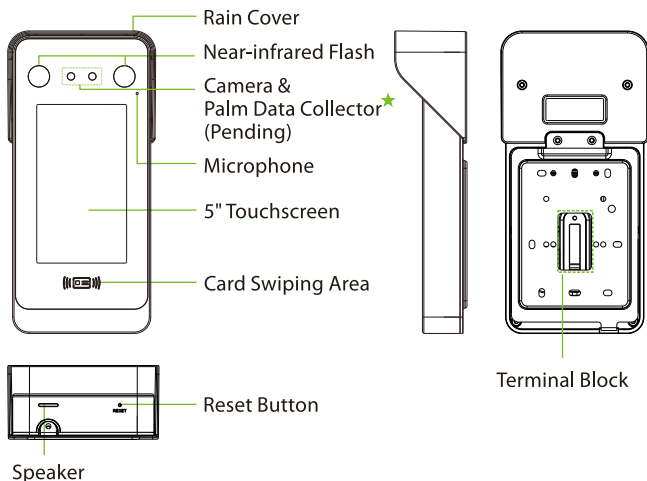


Quick Start Guide

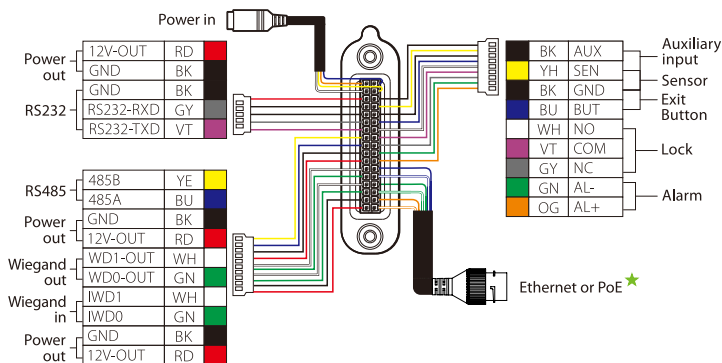
SpeedFace M4 (ZAM210)

Version: 1.0

Overview



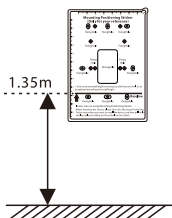
Terminal Block



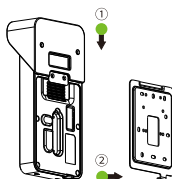
Note: Features and parameters with ★ mark are not available in all devices.

Device Installation

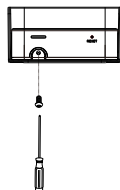
1



2

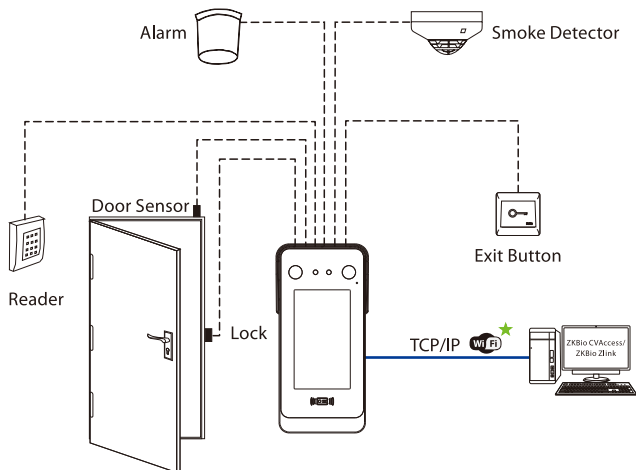


3



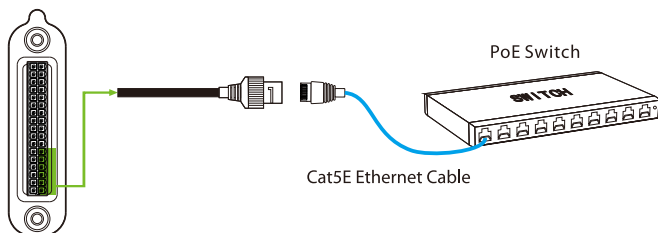
- ① Attach the mounting template sticker to the wall, and drill holes according to the mounting paper. Fix the back plate on the wall using wall mounting screws.
- ② Attach the device to the back plate.
- ③ Fasten the device to the back plate with a security screw.

Standalone Installation

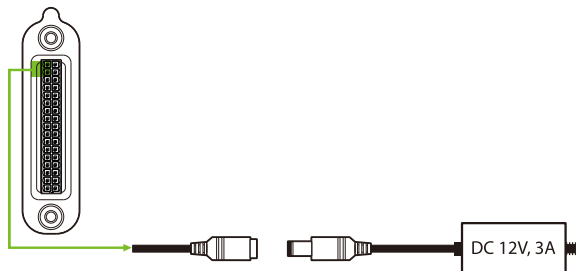


Power Connection

Method 1: PoE Connection*



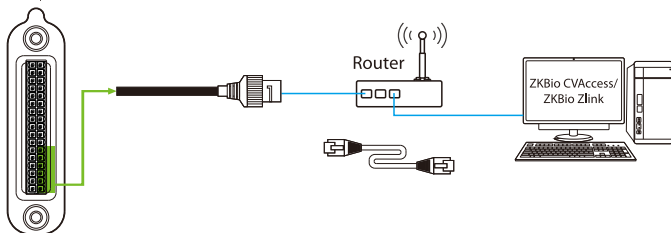
Method 2: AC Adapter Connection



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

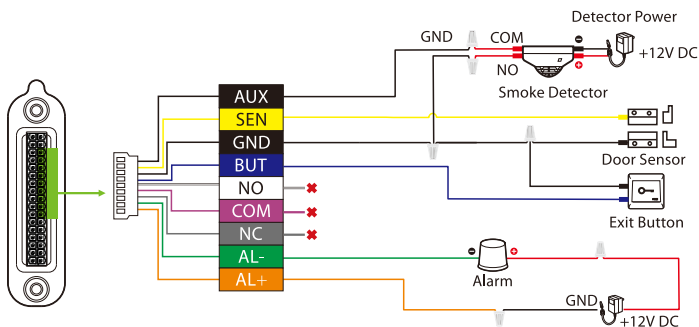
Ethernet Connection

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

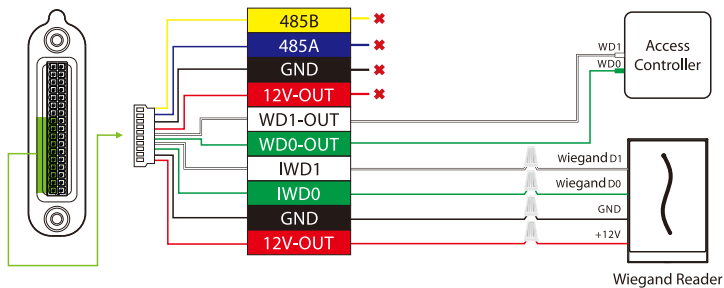


Enter **[COMM.] > [Ethernet]** to set the relevant parameters of network.

Door Sensor, Exit Button & Alarm Connection

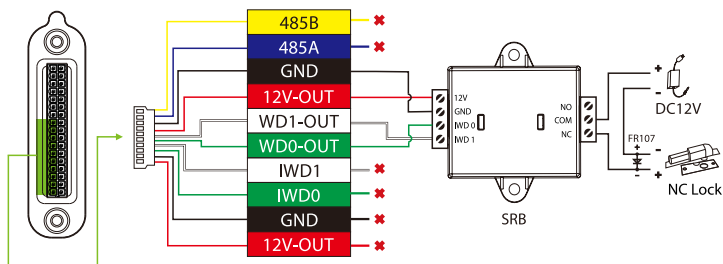


Wiegand Connection

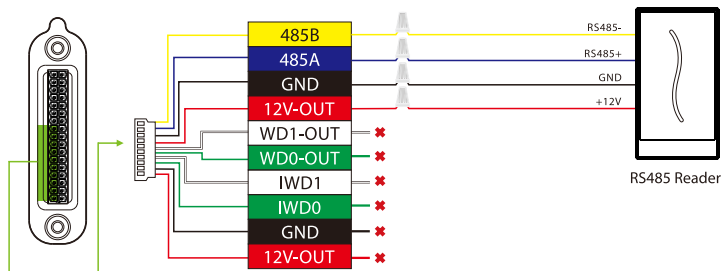


✗ Do not Use

SRB Connection ★



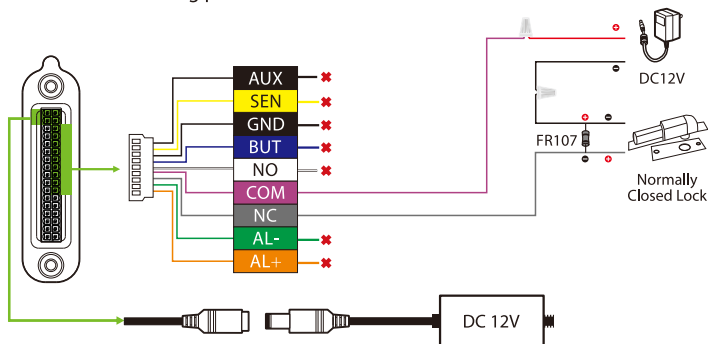
RS485 Connection



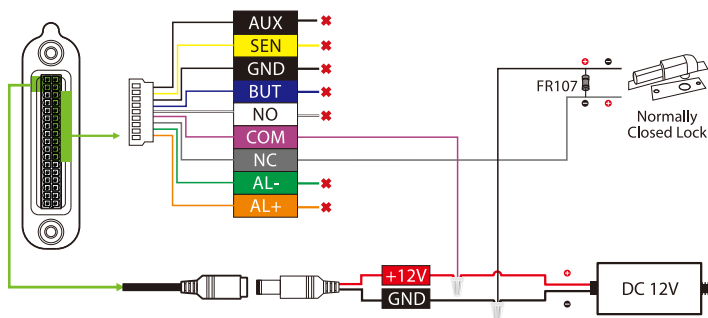
Lock Relay Connection

The system supports both **Normally Opened Lock** and **Normally Closed Lock**. The **NO Lock** (normally opened when powered) is connected with 'NO1' and 'COM' terminals, and the **NC Lock** (normally closed when powered) is connected with 'NC1' and 'COM' terminals. The power can be shared with the lock or can be used separately for the lock, as shown in the example with NC Lock below:

1. Device not sharing power with the lock



2. Device sharing power with the lock

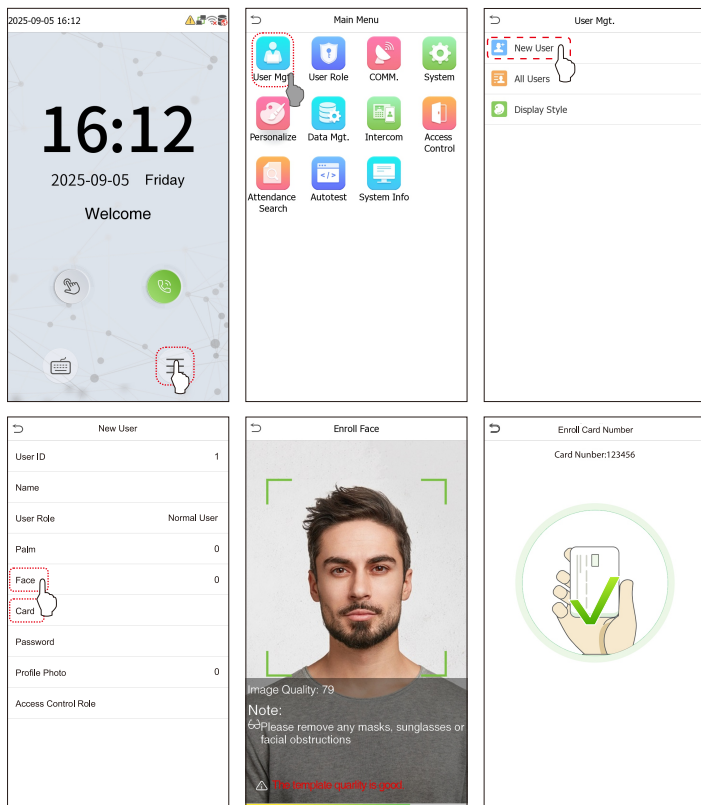


User Registration

When there is no super administrator set in the device, click on ☰ to enter the menu. Add a new user and set User Role to Super Admin, then the system will request for the administrator's verification before entering the menu. It is recommended to register a super administrator initially for security purposes.

Method 1: Registering on the device

Click on ☰ > [User Mgt.] > [New User] to register a new user. The options include entering the User ID and Name, setting User Role and Access Control Role, registering a Palm[★], Face, Card, Password and adding Profile Photo.

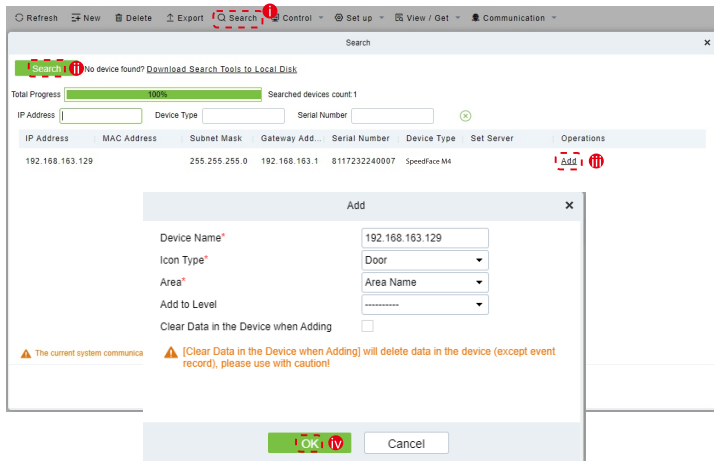


Method 2: Register on ZKBio CVAccess Software

● 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.



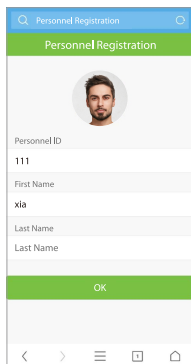
2. Click **[Add]** in operation column, a new window will pop-up. Select Icon type, Area, and Add to Level from each drop down list and click **[OK]** to add the device.
3. Click **[Personnel]** > **[Person]** > **[New]** and fill in all the required fields to register new users in the software.
4. Click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

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 or login onto "http://Server address: Port/tokenAdreg" by the mobile phone to register users.



Personnel Registration

Personnel ID

111

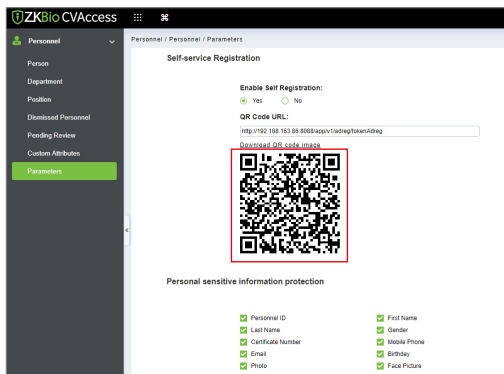
First Name

xia

Last Name

Last Name

OK



ZKBio CVAccess

Personnel / Personnel / Parameters

Self-service Registration

Enable Self Registration:

☒ Yes ☐ No

QR Code URL:

http://192.168.163.88:8088/app/v1/adregtokenAdreg

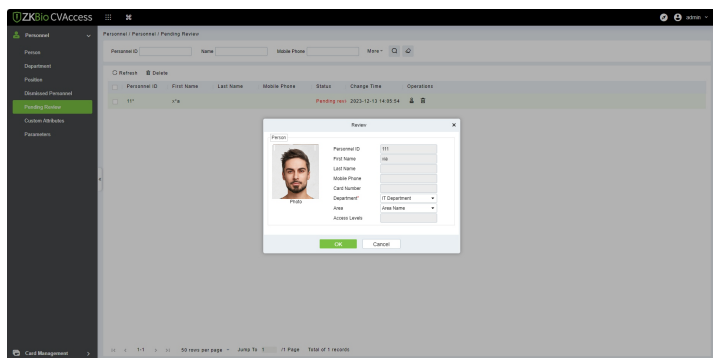
Download QR code image



Personal sensitive information protection

☒ Personnel ID ☒ First Name
☒ Last Name ☒ Gender
☒ Certificate Number ☒ Mobile Phone
☒ Email ☒ Birthday
☒ Photo ☒ Face Picture
☒ Card Number

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.



ZKBio CVAccess

Personnel / Personnel / Pending Review

Personnel ID: Name: Mobile Phone: More

☐ Refresh ☐ Delete

Personnel ID	First Name	Last Name	Mobile Phone	Status	Change Time	Operations
111	xia			Pending next	2025-12-13 14:05:04	

Review

Personnel ID: 111
First Name: xia
Last Name:
Mobile Phone:
Card Number:
Department: IT Department
Area Name:
Access Levels:

OK Cancel

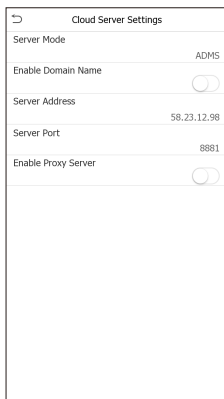
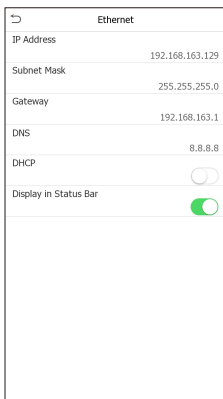
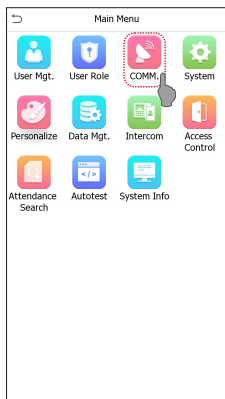
Card Management

30 rows per page Jump To: 1 Page Total of 1 records

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. If the device communicates with the server successfully, the 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.

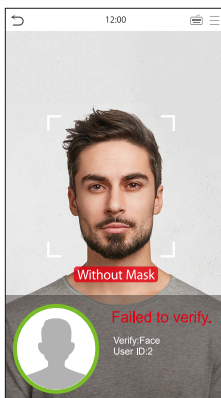
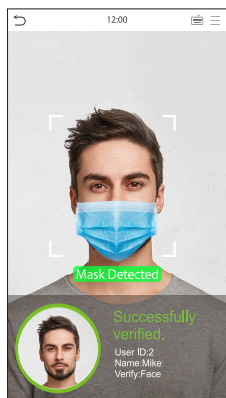
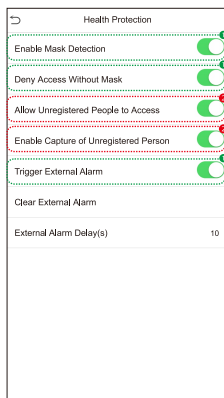
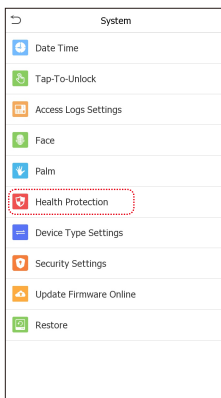
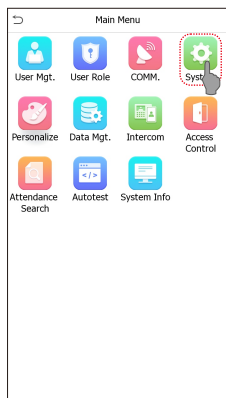
Server Port: Set as the Adms service port of ZKBio CVAccess.

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

Health Protection Settings

Click on ☰ > [System] > [Health Protection] to enter the setting interface.

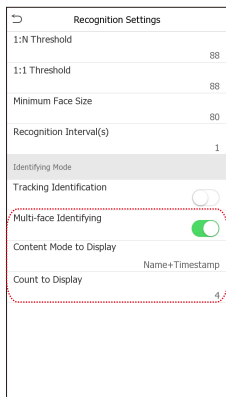
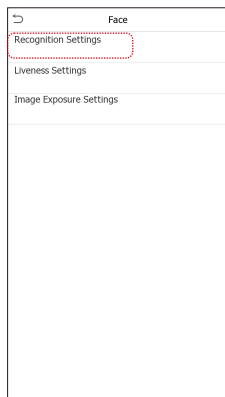
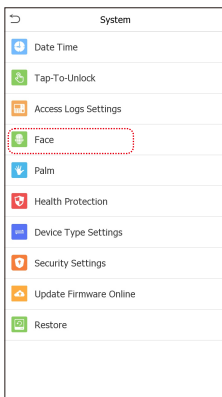
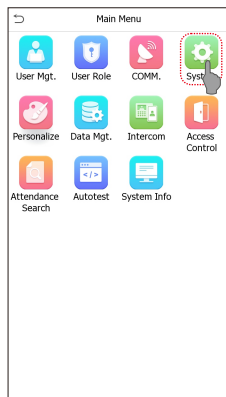
- 1 You can **Enable Mask Detection** function, and enable the **Deny Access Without Mask** and the **Trigger External Alarm**, the device will send an alarm prompt when the user doesn't wear a mask, meanwhile the user will be forbidden to access, as shown in the following figure.
- 2 When the **Allow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



Multi-face Identifying Settings ★

Click on  > [System] > [Face] > [Recognition Settings] > [Multi-face Identifying] to enable the multi-face identifying function, then the device can perform facial recognition of multiple people at once.

Note: Multi-face Identifying can support up to 4 people.



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.

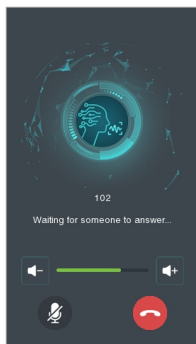
1. Set the indoor monitor to the same network segment as the device.
2. On the indoor monitor, click **[Setting] > [Advance Setting] > [Device Manage] > [Add]** to add the device.
3. On the device, click **☰ > Intercom > SIP Settings > Contact List > Add** to add the connected indoor monitor.

Room Number: Customize the number of the indoor monitor.

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

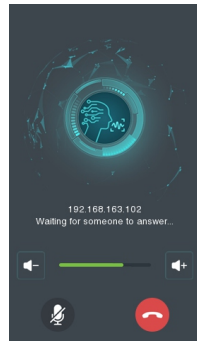
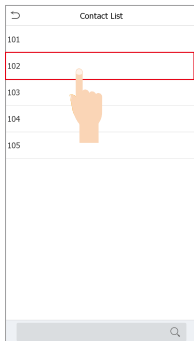
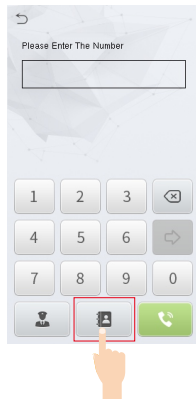
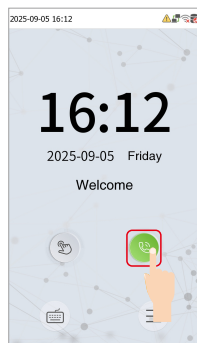
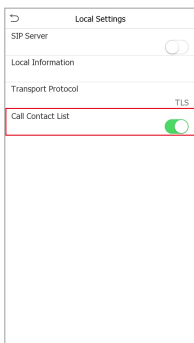
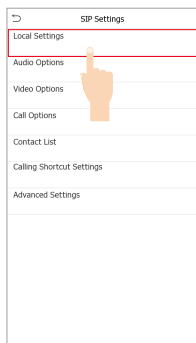
● Enter the Number or IP Address of the Indoor Monitor

Click  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.



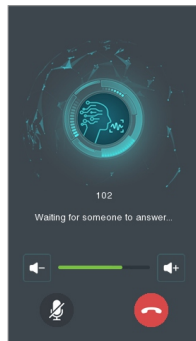
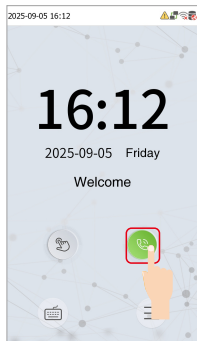
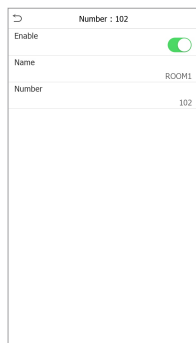
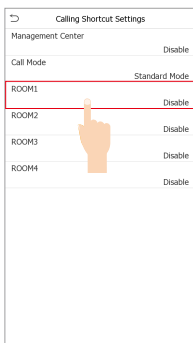
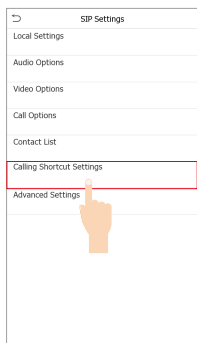
● Calling Shortcut Keys

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.

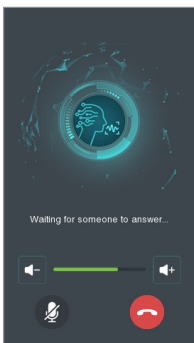
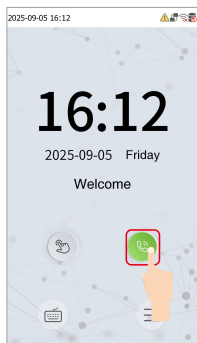
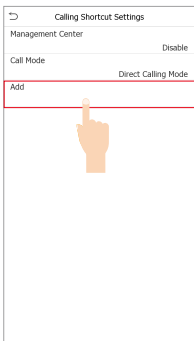
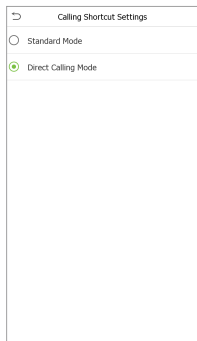
Number: Select the room number that set in the **Contact List** Menu.

2. Click the  icon on the device and 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.

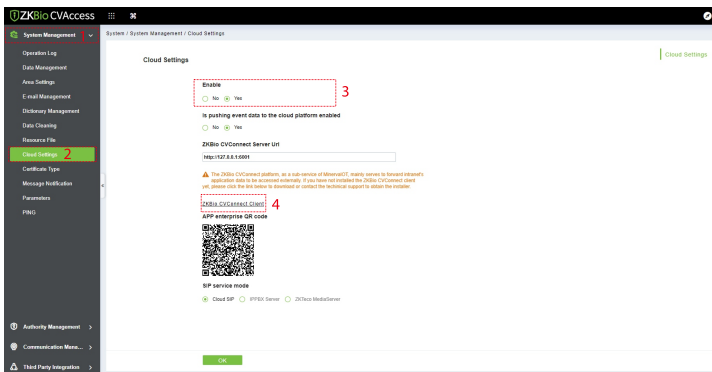


SIP Server

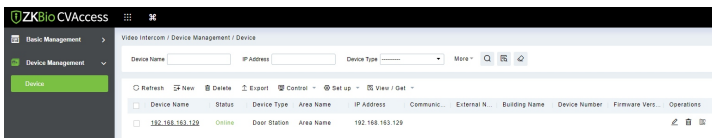
In this mode, please make sure that the SIP Server of the device is enabled. This function needs to be used with the ZKBio CVAccess server, ZKBio Zexus Mobile App, indoor monitor VT07-B26L-W / VT07-B22L and PC Client BioTalk Pro.

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:** 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.



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

Video Intercom / Extension Management / Extension Number

Name Extension Number SIP Account

Refresh New Delete Export Import

Name Extension Number Operations

New

Name* Extension Number* SIP

Extension Type* Extension Password*

Voice Mail Voice Mailbox Password

Registered Terminal Count* Enable Undisturbed Mode ☐

Incoming Call Number Calling Name

Direct Dialing Address For example: 10.8.x.x

Save and New OK Cancel

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

Video Intercom / Extension Management / Contact List

Contact List

Contact Name

Refresh New Delete Export Import

Contact Name Description Operations

Call

Add Extension

Extension Number Name

Short Number

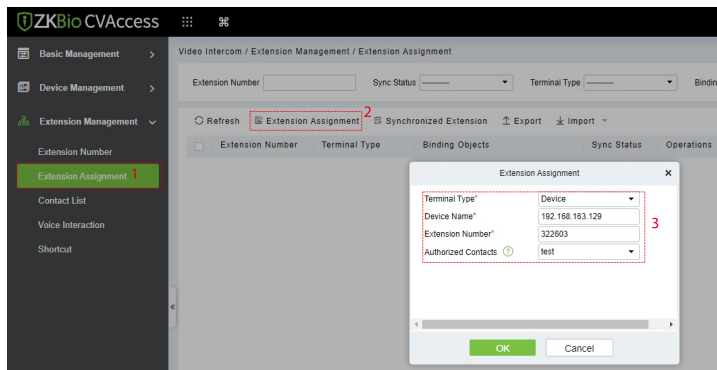
Searchable

Extension Number	Name	Short Number
322001	Indoor Monitor	2001
322005	PC	2005
322004	Misc	2004
322003	Terminal	2003

Define the short number

OK Cancel

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

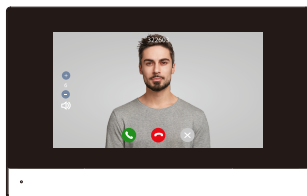
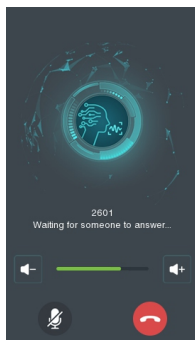
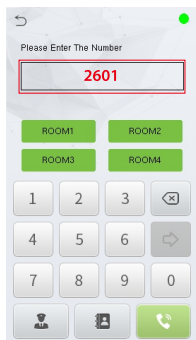


- Once the SIP is set up correctly, a green dot will appear in the upper right corner of the call page, indicates that the device is connected to the server.

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

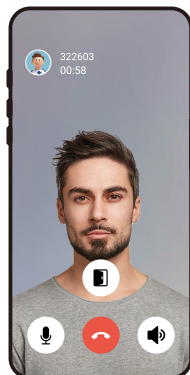
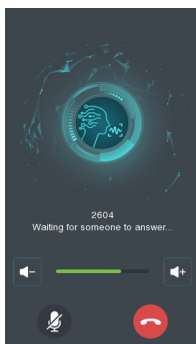
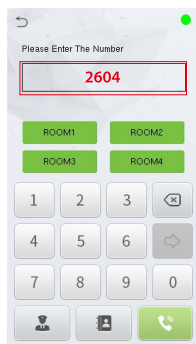
- On the ZKBio CVAccess software, click **Video Intercom > Device Management > Device > New** to add the indoor monitor. Then assign an extension number to the indoor monitor.
- Click the  icon on the device to enter the call page, enter the Short Number of the indoor monitor, or click the  icon to open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



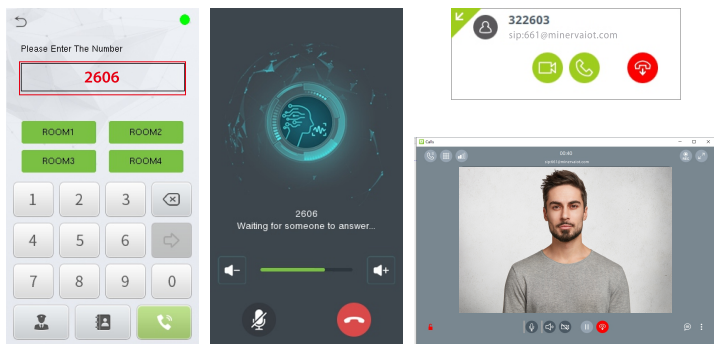
● Device Call the Phone (ZKBio Zexus App)

1. On the ZKBio CVAcess 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.



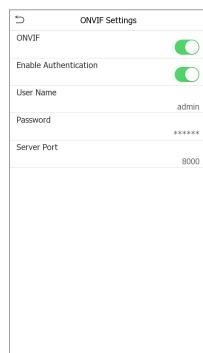
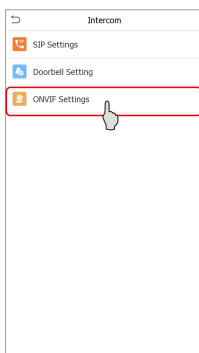
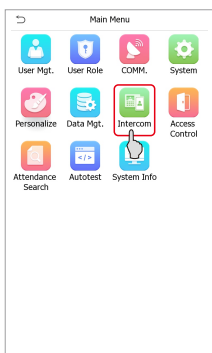
Two-way calls can be made between the device, indoor monitor, ZKBio Zexus App, and PC client (BioTalk Pro). For more details, please refer to the user manual.

ONVIF Settings ★

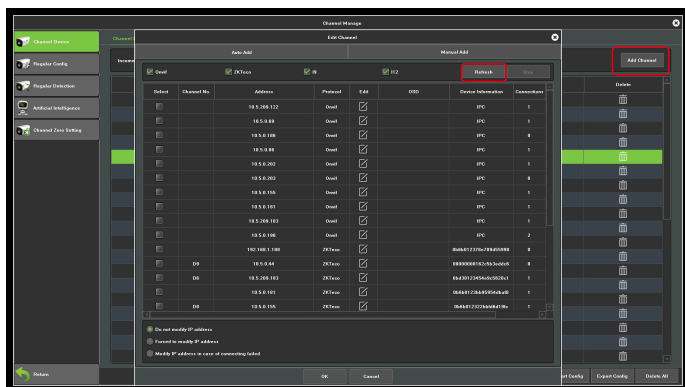
This function needs to be used with the Network Video Recorder (NVR).

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

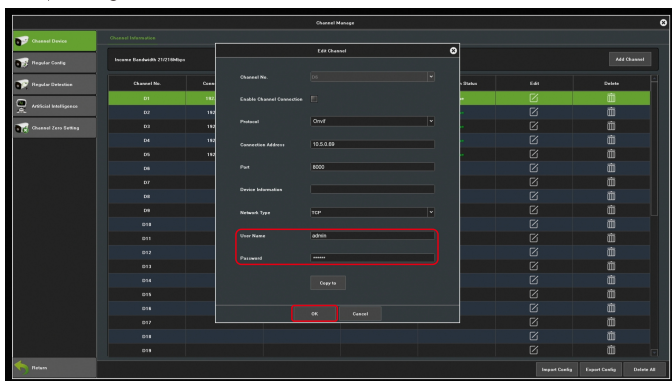
Note: If the Authentication function is disabled, then there is no need to input the User Name and Password when adding the device to the NVR.



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



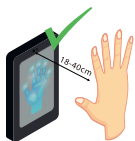
4. Select the checkbox for the device you want to add and edit the parameters in the corresponding text field, then click on **OK** to add it to the connection list.



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*.

Recommended Palm Gestures★



KEEP EFFECTIVE
DISTANCE OF
18-40 cm



KEEP SPACES
BETWEEN
YOUR FINGERS



DO NOT KEEP
YOUR FINGERS
CLOSE



DO NOT KEEP
PALM OUTSIDE
COLLECTION AREA



DO NOT KEEP
YOUR FINGERS
FOLD/CURLED

Note:

1. Place your palm within **18-40 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.
4. Please avoid direct sunlight when using the palm function outdoors. According to laboratory test, the palm recognition effect is best when the light intensity is not more than 10,000 lux.

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