Manuals+

☰

ZKTECO SenseFace 7 Series Advanced Multi Biometric Access Control User Guide 📕

Contents [hide]

ZKTECO

ZKTECO SenseFace 7 Series Advanced Multi Biometric Access Control

Overview

SenseFace 7A / 7C

- Camera
- Microphone
- Near-Infrared Flash
- 7-inch Touch Screen
- Speaker
- Fingerprint Sensor
- Card Reading Area

9.40"(238.8mm)

0.88"(22.3mm)

4.53"(115.0mm)

Tamper Switch

Terminal Block

USB Interface

Reset

SenseFace 7B

Camera

Microphone

Near-Infrared Flash

7-inch Touch Screen

Card Reading Area

8.46"(214.8mm)

Tamper Switch

Terminal Block

Speaker

USB Interface

0.88"(22.3mm)

Reset

4.53"(115.0mm)
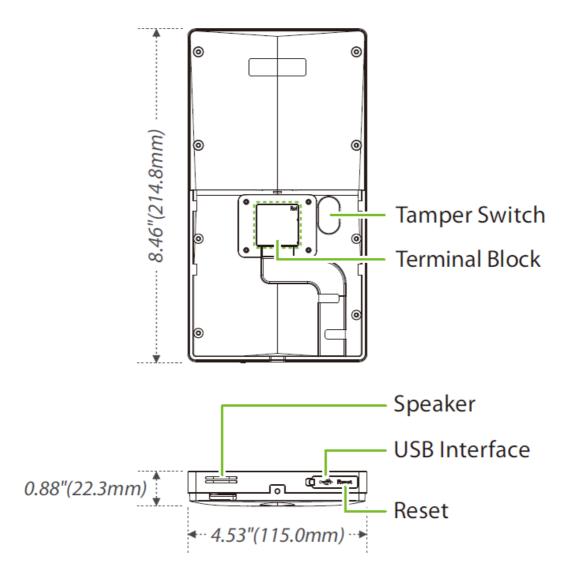
Note: Not all products have the function with , the real product shall prevail.
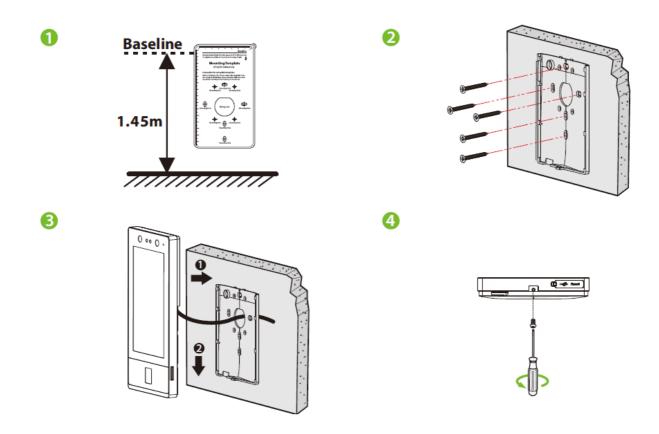
Installation Environment

- INSTALL INDOORS ONLY
- AVOID INSTALLATION NEAR GLASS WINDOWS
- AVOID DIRECT SUNLIGHT AND EXPOSURE
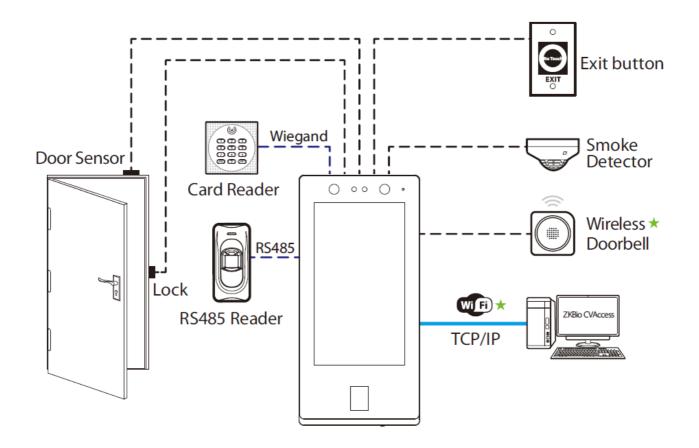- AVOID USE OF ANY HEAT SOURCE NEAR THE DEVICE

Device Installation

Install on the wall

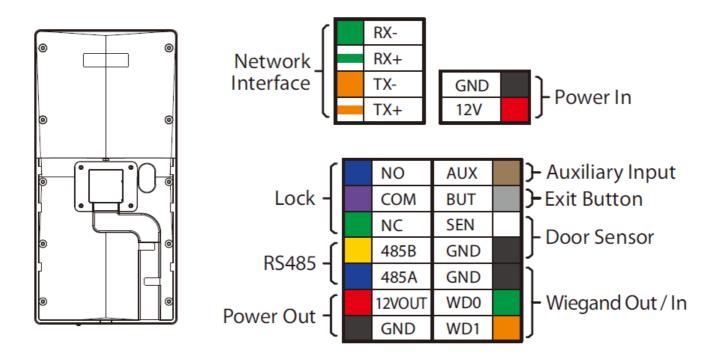1. Attach the mounting template sticker to the wall, and drill holes according to the mounting paper.
2. Fix the backplate on the wall with the wall mounting screws.
3. After passing the wires through the wiring hole and connecting them to the device, and then snap the device onto the backplate and push it down into place.
4. Fasten the device to the backplate with a security screw.
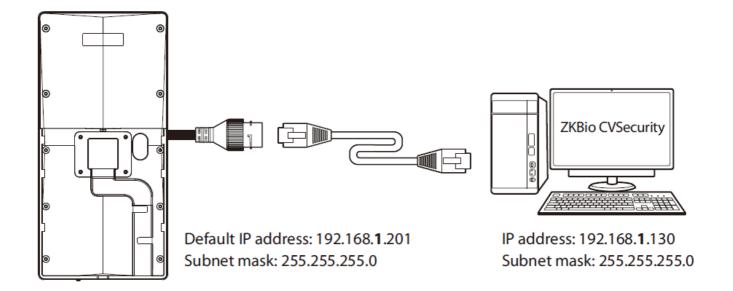

Standalone Installation
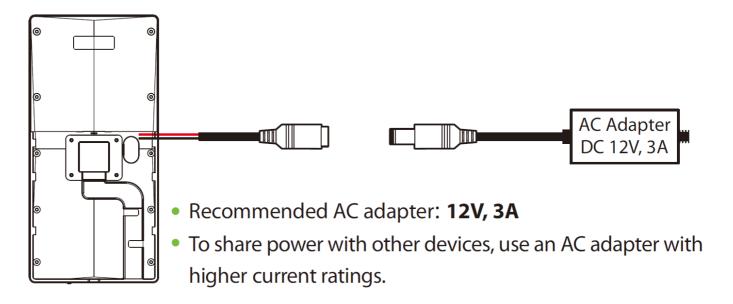
Terminal Block

Ethernet Connection

Establish the connection between the device and the software using an Ethernet cable.

An illustrative example is provided 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
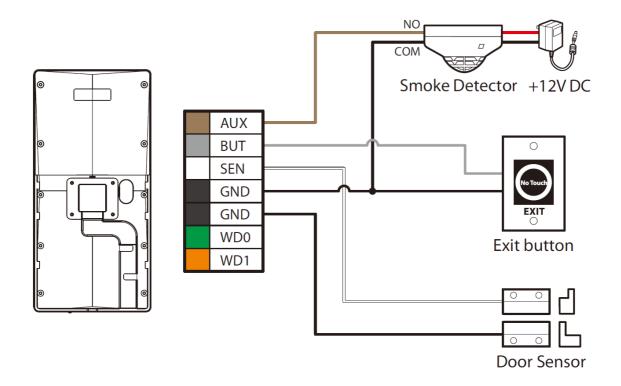
Tap on ≡ to enter the main menu. And then click on [Comm.] > [Ethernet] > [IP Address] to input the IP address.

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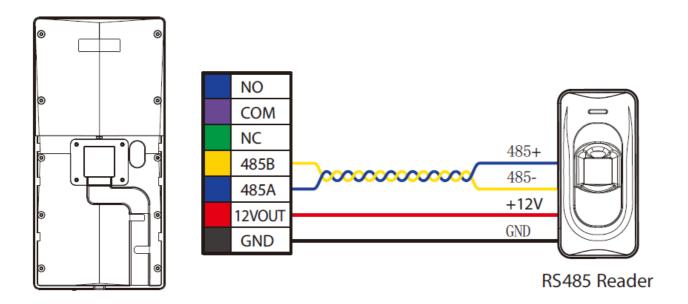
Power Connection

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

Exit Button, Door Sensor & Auxiliary Connection

Smoke Detector   +12V DC

AUX	
BUT	
SEN	
GND	
GND	
WD0	
WD1	

Exit button

Door Sensor

RS485 Connection

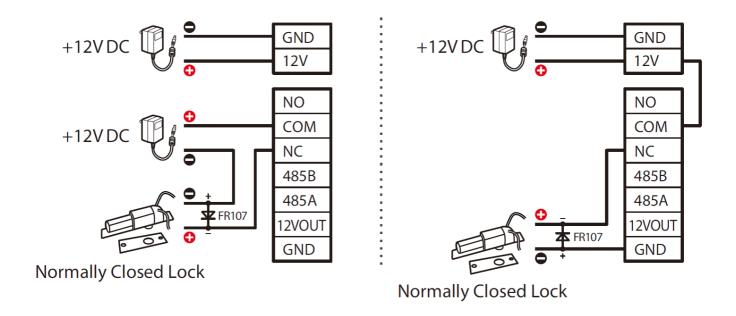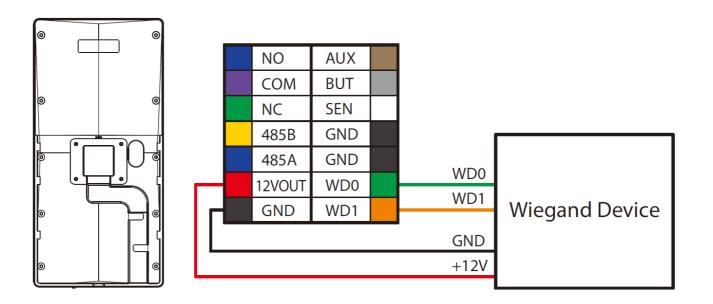| |
|---|
| NO |
| COM |
| NC |
| 485B |
| 485A |
| 12VOUT |
| GND |

485+
485-
+12V
GND

RS485 Reader

Lock Relay Connection

The system supports both Normally Opened Lock and Normally Closed Lock. The NO LOCK (normally opened at power on) is connected with 'NO' and 'COM' terminals, and the NC LOCK (normally closed at power on) is connected with 'NC' and 'COM' terminals. Take NC Lock as an example below:

1. Device not sharing power with the lock
2. Device sharing power with the lock

Normally Closed Lock

Normally Closed Lock

Wiegand Reader Connection

	NO	AUX	
	COM	BUT	
	NC	SEN	
	485B	GND	
	485A	GND	
	12VOUT	WD0	
	GND	WD1	

WD0
WD1
GND
+12V

Wiegand Device

Note: The Wiegand interface is shared, and the user can choose to use either the Wiegand input or Wiegand output function to interface with different Wiegand devices.
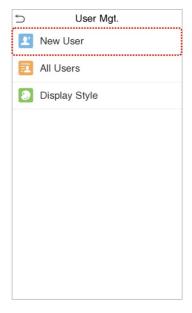
User Registration

Click ≡ to enter the Main Menu screen. When a super administrator is set up, administrator verif ication is required when entering the menu. For security purposes, it is recommended to register a super administrator when using it for the first time.
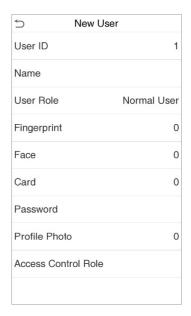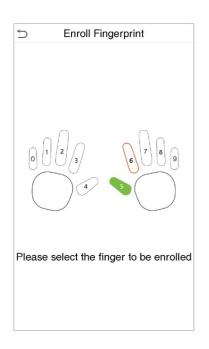
Method 1: Registering on the device

Click ≡ > [User Mgt.] > [New User] to register a new user. The options include enter-ing the user ID and Name, setting User Role and Access Control Role, registering Face,
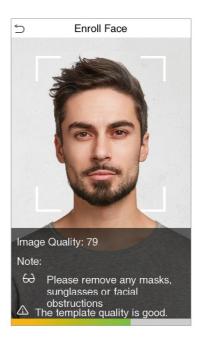
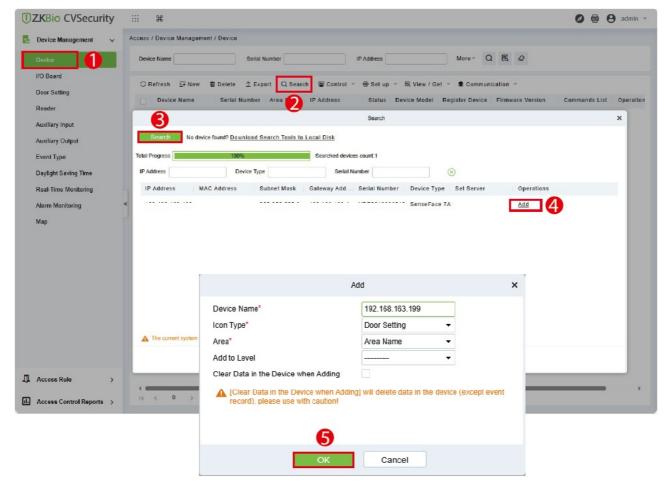Fingerprint, Card Number, Password and Profile Photo.

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 Management] > [Device] > [Search] > [Search] to search the device on the software. When the device has set the server address and port, it can be added automatically.
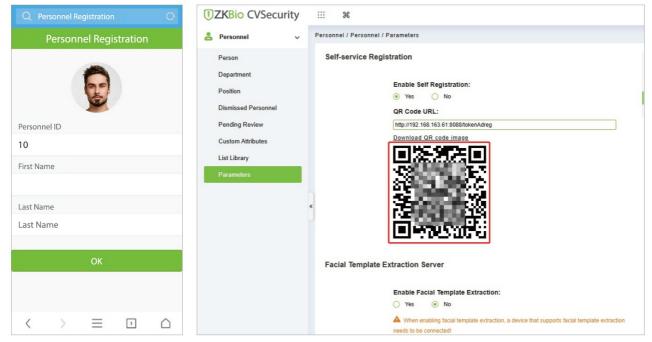
2. Click [Add] in operation column, a new window will pop-up. Select Icon type, Area, and Add to Level from each dropdowns and click [OK] to add the device.

3. Click [Personnel] > [Person] > [New] and fill in all the required fields to register a new users in the software.

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

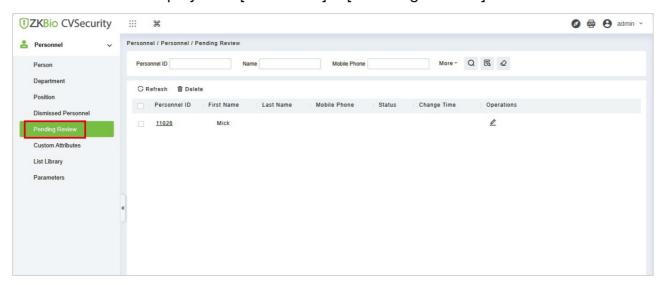For more details, please refer to the ZKBio CVSecurity User Manual.

Method 3: Register on the phone

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

1. Click [Personnel] > [Parameters], input '' http://Serveraddress:Port '' in the QR Code URL bar. The software will automatically generate a QR code. Scan the QR code or login onto '' http://Serveraddress:Port/app/v1/adreg '' by the mobile phone to register users.

2. The users will be displayed in [Personnel] > [Pending Review].
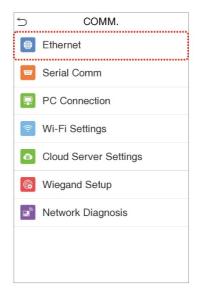

Ethernet and Cloud Server Settings

Click ☰ > [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 ☰ > [COMM.] > [Cloud Server Setting] to set the server address and server port, that is, the IP address and port numb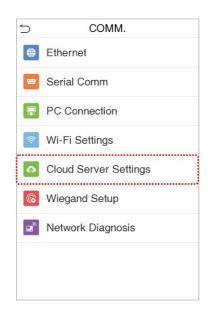er of the server after the software is installed. If the device communicates with the server successfully, the icon 🗄️ will be displayed in the upper right corner of the standby interface.
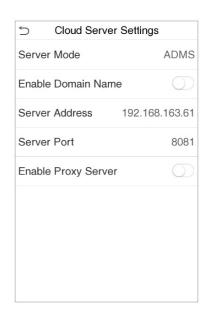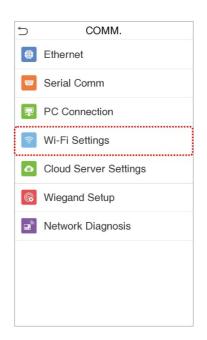
Note: While pairing the device with ZKBio CVSecurity software. Make sure that the option Enable Domain Name is disabled and the correct server address and port are entered.

Configuring Wi-Fi

Click ☰ > [COMM.] > [Wi-Fi Settings] to configuring Wi-Fi. When Wi-Fi is enabled, select the searched network. Enter the password, and click Connect to Wi-Fi (OK). The connection succeeds, with icon 📶 displayed on the status bar. You can also select Add Wi-Fi Network to add Wi-Fi manually.

Main Menu	COMM.	TP-LINK_C31B

Main Menu

- User Mgt.
- User Role
- COMM.
- System
- Personalize
- Data Mgt.
- Intercom
- Access Control
- USB Manager
- Attendance Search
- Autotest
- System Info

COMM.

- Ethernet
- Serial Comm
- PC Connection
- Wi-Fi Settings
- Cloud Server Settings
- Wiegand Setup
- Network Diagnosis

TP-LINK_C31B

Security: WPAPSK/WPA2PSK

Signal Strength: Very Strong

Password

123

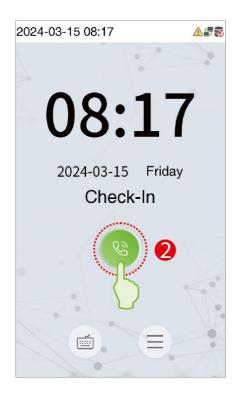Connect to Wi-Fi (OK)   Cancel (ESC)
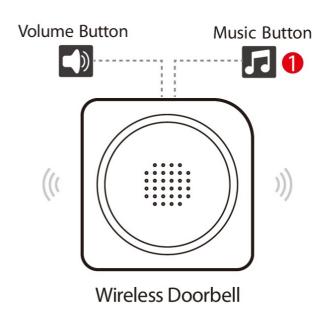
Connect the Wireless Doorbell

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, click on the device icon 📞 , if the wireless doorbell rings and the indicator flashes, it means the connection is successful.

After a successful pairing, clicking the icon 📞 of the device will ring the wireless doorbell.

Note: Generally, each device connects to one wireless doorbell.

SIP Settings

This section introduces the application methods of Video Intercom using Local Area Network and Cloud SIP Server.

Mode 1: Local Area Network
This function needs to be used with the indoor monitor VT07-B01.

Step 1: Setting the IP address of the indoor monitor
Click [Network] > [Wired Network Configuration] to set the network parameters. Make sure that the indoor monitor IP address and the device IP address are on the same network segment. Here is an example of the 163 network segment.

Step 2: Add devices to each other

1. On the indoor monitor, enter [Setting] > [Advance Setting] > [Device Manage]> [Add] to add the device.
2. 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. e.g. 106
Call Address: Enter the IP Address of the indoor monitor. e.g. 192.168.163.201

Note: In LAN mode, keep the SIP server off.

Step 3: Calling the indoor monitor

Users can call the indoor monitor in three ways: by IP address, by shortcut and directly.

Calling by IP Address or ROOM Number

1. Click ☰ > [Intercom] > [SIP Settings] > [Local Settings] to turn off the SIP Server.

2. Then click 📞 icon on the standby page to enter the call page.

3. Double-click the input field to enter the IP address of the indoor monitor to call. Or directly enter the Room Number corresponding to the IP address.
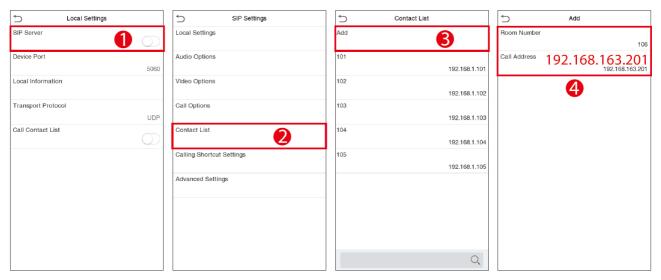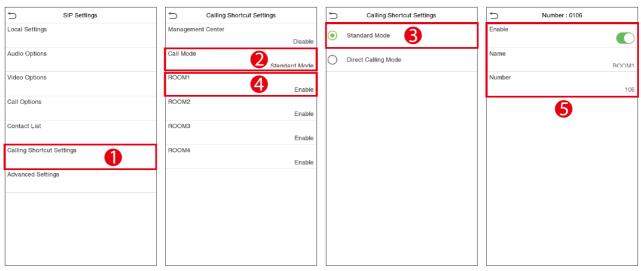

Calling by Shortcut

Click

1. ☰ > [Intercom] > [SIP Settings] > [Local Settings] to turn off the SIP Server.
2. Then click [SIP Settings] > [Contact List] > [Add] to add a new contact member.
3.

Click [SIP Settings] > [Calling Shortcut Settings] > [Call Mode] > [Standard Mode], and click [ROOM1/2/3/4] to set the room number of the call page.

4. Then you can enter the device number, or click the ROOM shortcut button on the call page to call the indoor monitor.
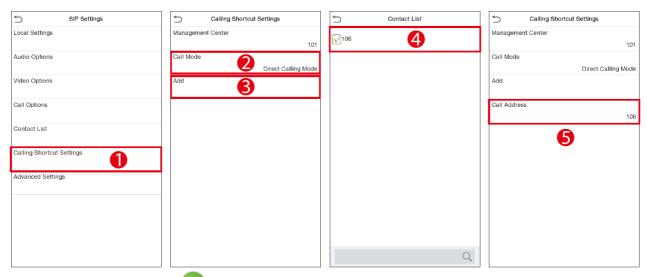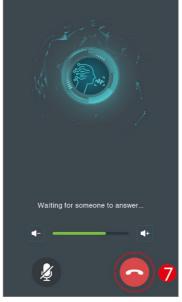

Direct Calling

1. Click ☰ > [Intercom] > [SIP Settings] > [Local Settings] to close the SIP Server.

2. Then click [SIP Settings] > [Contact List] > [Add] to add a new contact member. The method of adding is the same as above.

3. Click [SIP Settings] > [Calling Shortcut Settings] > [Call Mode] > [Standard Mode] > [Direct Calling Mode], and then click [Add] to select the device number you want to directly call from the contact list.

4.

Then you can click the 📞 icon on the standby screen to directly call the indoor monitor.

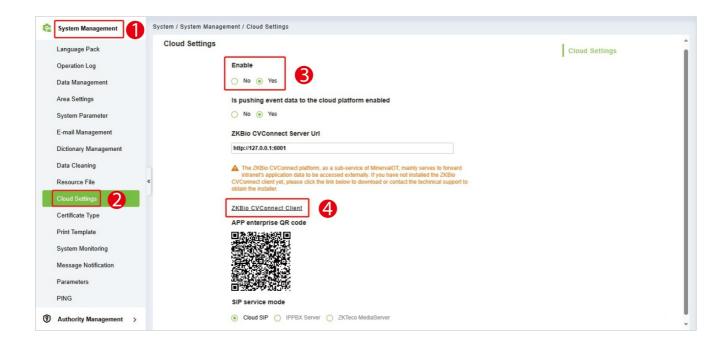Indoor monitor interface

Mode 2: Cloud SIP Server

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 SIP servers: Cloud SIP and PBX servers. Take Cloud SIP as an example.

Note: In Cloud SIP Server mode, ensure that the SIP server of the device is on.
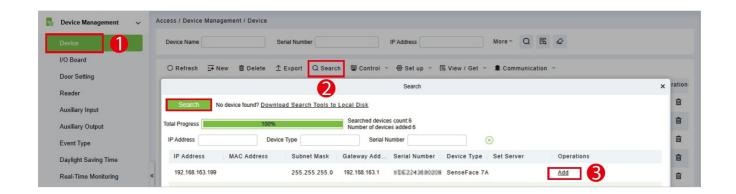
Step 1: Enabling Cloud SIP on the ZKBio CVSecurity

1. On ZKBio CVSecurity, click [System] > [System Management] > [Cloud Setting] to enable the Cloud SIP service.
2. Click ZKBio CVConnect Client to download and install it. (Note: The installation and activation of the client can see the ZKBio Zexus Mobile App User Manual.)
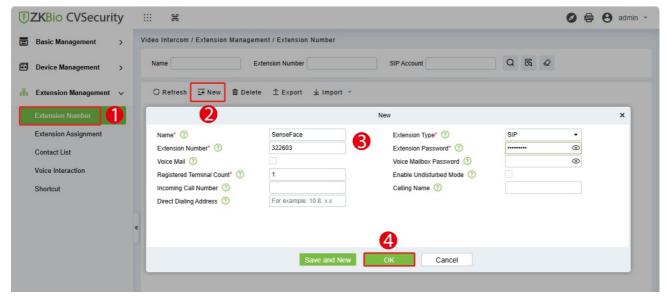

Step 2: Add Device on the ZKBio CVSecurity

On ZKBio CVSecurity, click [Access] > [Device Management] > [Device] > [Search] > [Search] > [Add] to add the device by searching. Then the device will be automatically synchronized to the Video Intercom module.
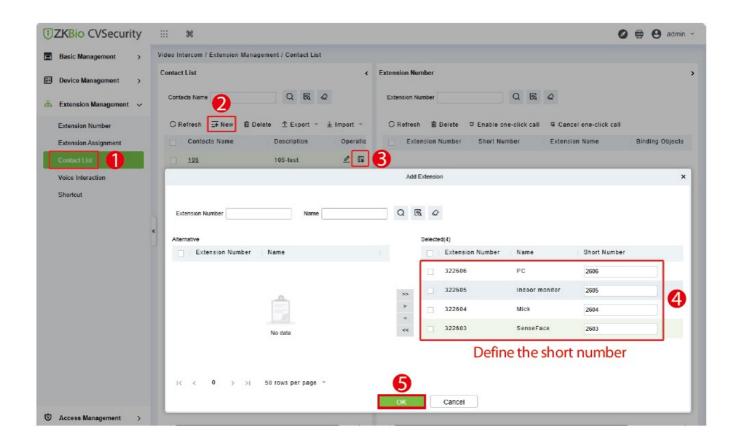

Step 3: Configure Contact List

1. Click [Video Intercom] > [Extension Management] > [Extension Number] > [New] to add the extension numbers.
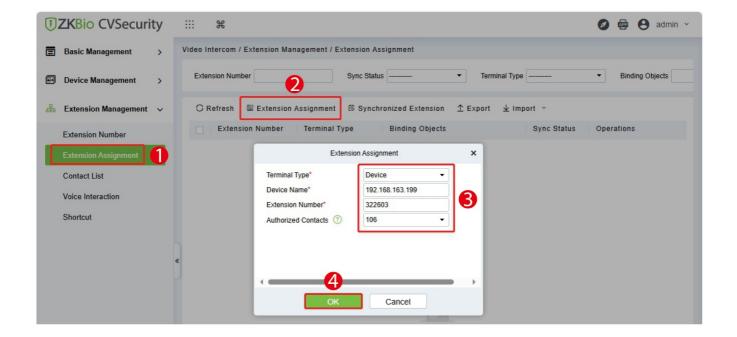
2. Click [Extension Management] > [Contact List] > [New] to add the contacts.

   Then click the icon to add extension numbers to it.

After defining the short number here, you can call the extension number by dialling this number.

Step 4: Synchronize account information to the device

Click [Extension Assignment] > [Extension Assignment] to assign an extension number and synchronize the contacts to the device.

Note: Ensure that ZKBio CVConnect Client has been installed and activated, otherwise this step cannot be operated normally.

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.

Step 5: Two-way calling and intercom

After the settings are completed, the device can call indoor monitor, phone (ZKBio Zexus App), and PC clients(BioTalk Pro).

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

1. 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.
2. On the device, enter [Intercom] > [SIP Settings] > [Local Settings] > [Call Number Type], select the call number type as Room Number.

3. Press the key on the device and enter the Short Number of the indoor monitor in the call interface of the device.
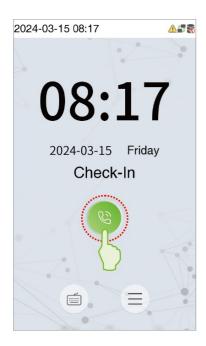
Indoor monitor interface

Device Call the Phone (ZKBio Zexus App)

1. On the ZKBio CVSecurity software, assign an extension number to the personnel.
2. On the device, enter [Intercom] > [SIP Settings] > [Local Settings] > [Call Number Type], select the call number type as Room Number.
3. Press the key on the device and enter the Short Number of the personnel in the call interface of the device.
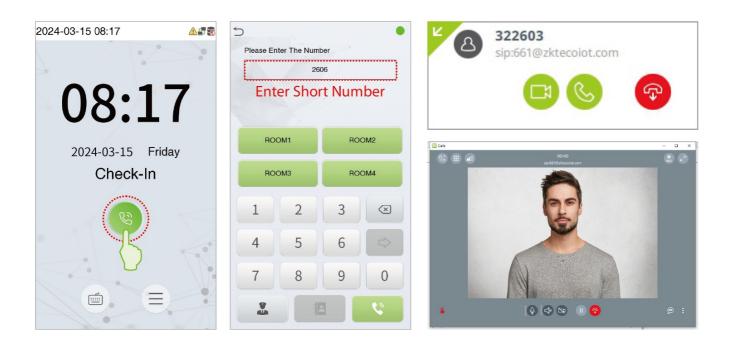

Device Call the PC Client (Bio Talk Pro)

1. Install the BioTalk Pro software and configure the SIP account.

2. Press the key on the device and enter the Short Number of the PC Client in the call interface of the device.

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.
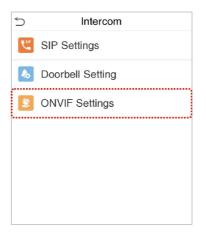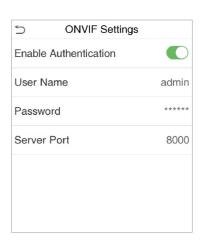
ONVIF Settings

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.
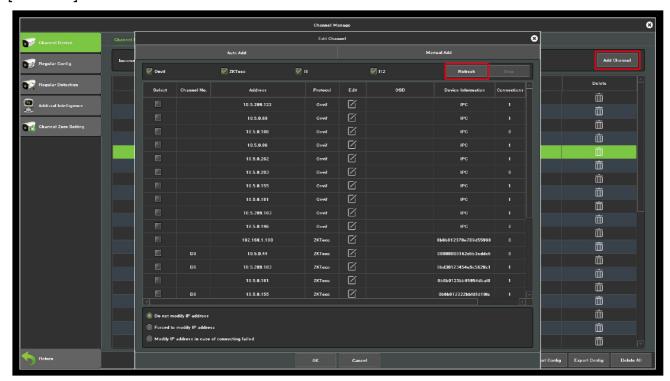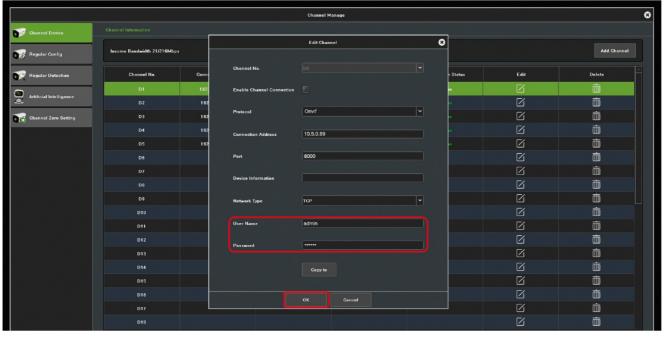
3.

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.

ZKTeco Industrial Park, No. 32, Industrial Road, Tangxia Town, Dongguan, China.

- Phone : +86 769 – 82109991
- Fax : +86 755 – 89602394

- www.zkteco.com

Frequently Asked Questions

- **Q: Can I install Sense Face 7 Series outdoors?**

  A: No, it is recommended to install indoors only to avoid exposure to elements like sunlight and heat sources.
- **Q: What is the recommended power supply for Sense Face 7 Series?**

  A: Use an AC Adapter DC12V, 3A for power. It is recommended to use an adapter with higher current ratings when sharing power with other devices.

Documents / Resources

ZKTeco Quick Start Guide SenseFace 7 Series	[ZKTECO SenseFace 7 Series Advanced Multi Biometric Access Control](#) [[pdf](#)] User Guide 7A, 7B, 7C, SenseFace 7 Series Advanced Multi Biometric Access Control, SenseFace 7 Series, Advanced Multi Biometric Access Control, Multi Biometric Access Control, Biometric Access Control, Access Control

References

- [User Manual](#)

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

Post Comment

Search:

e.g. whirlpool wrf535swhz

Search

Manuals+ | Upload | Deep Search | Privacy Policy | @manuals.plus | YouTube