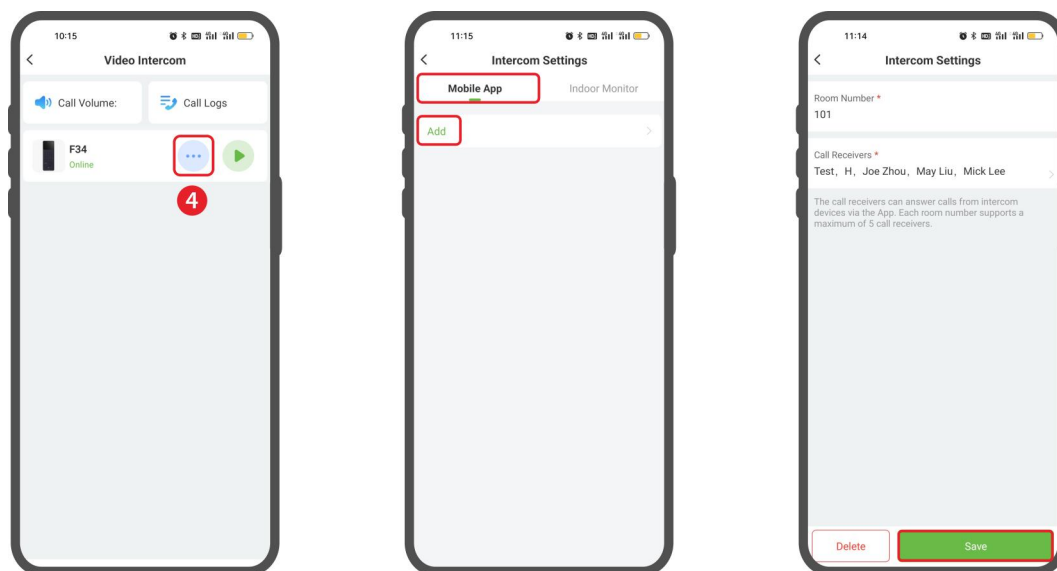


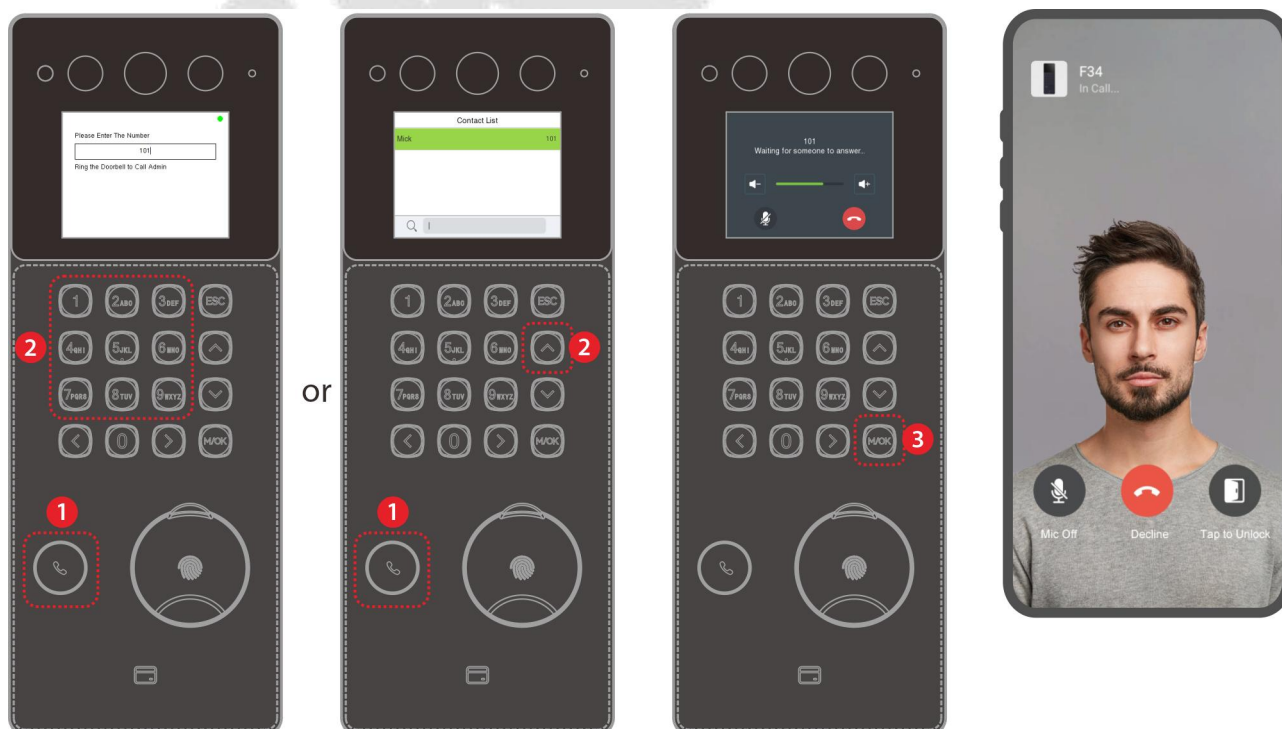
- Tap the  icon to enter the intercom settings interface. Click [**Mobile App**] > [**Add**] to link personnel who can answer incoming calls via the app.

Room Number: Customize the number of the person.

Person: One or multiple persons can be selected. If multiple persons are selected, all the persons will receive the call when the device calls the number.



- After completing the setup, press the video intercom button  on the device. In the pop-up interface, enter the call number or press the **UP** key to open the contact list and search for the person you wish to call. Then press the **M/OK** button to initiate the call.



21 Connecting to ZKBio Zlink Web

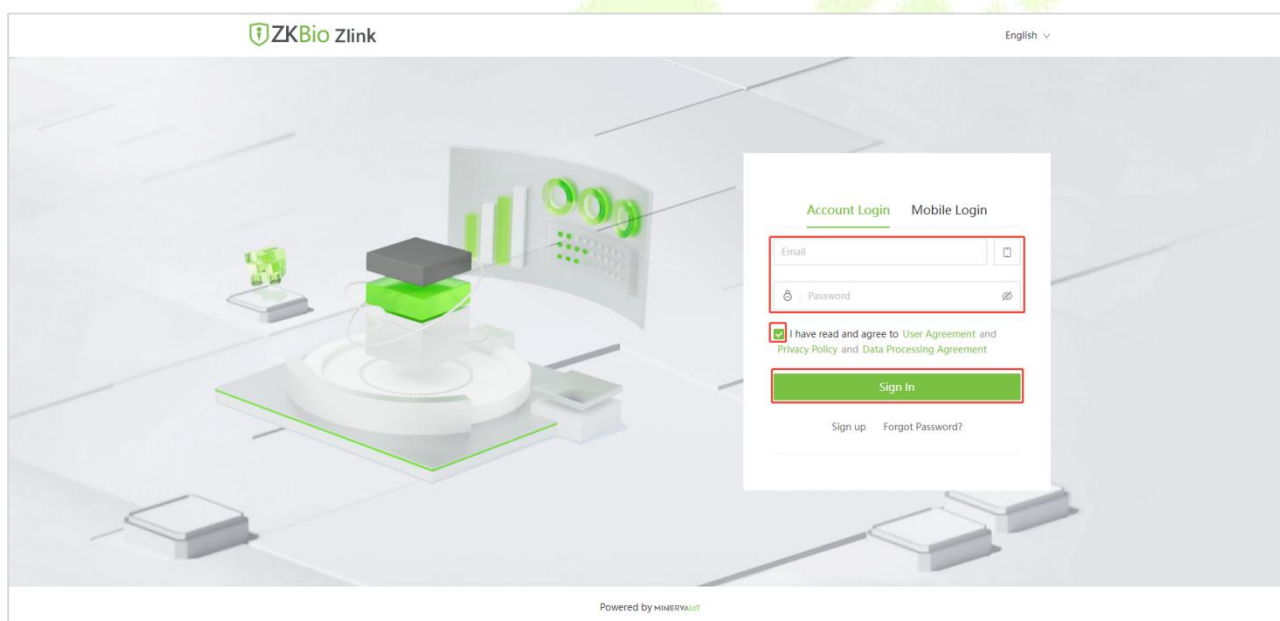
The web pages may vary depending on the version, and the document is for reference only.

Change the device communication protocol to BEST protocol, then the device can be managed by ZKBio Zlink, please refer to [9.4 Device Type Setting](#).

Users can use the created account to access ZKBio Zlink Web to connect devices, add new personnel, register the verification method of registered personnel, synchronize personnel to devices and query records.

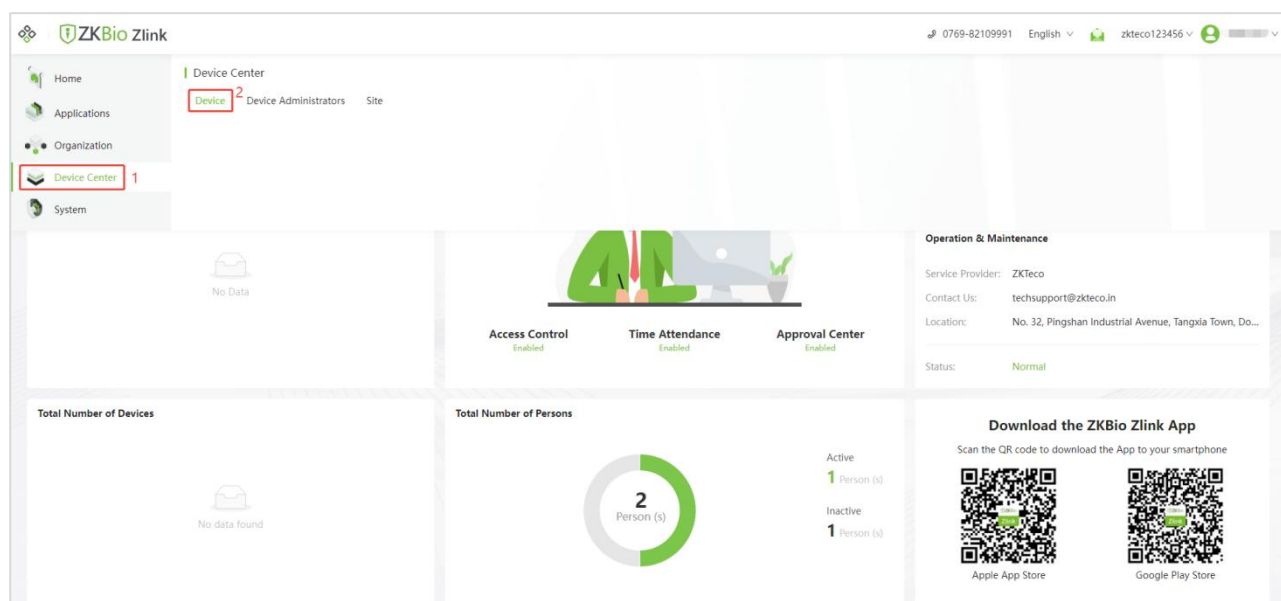
21.1 Login to the Web

1. Please open the recommended browser and enter the IP address to access the ZKBio Zlink Web: <http://zlink.minervaiot.com>.
2. Enter your Email ID and password on the login screen, check "I have read and agree to User Agreement and Privacy Policy and Data Processing Agreement" and click [**Sign In**] to login.

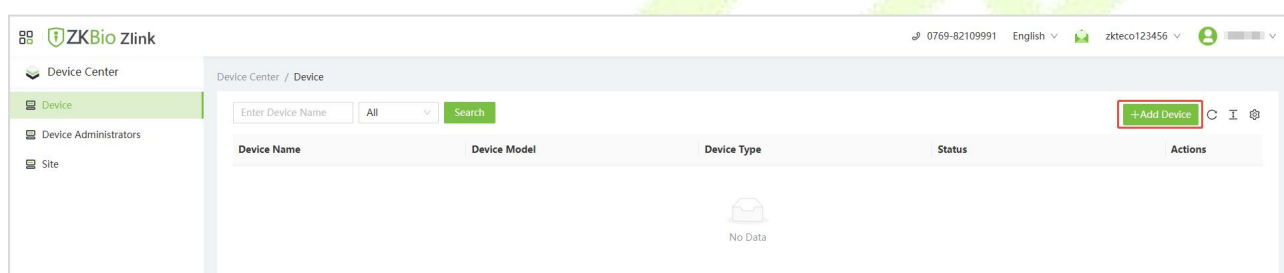


21.2 Add Device on the Web

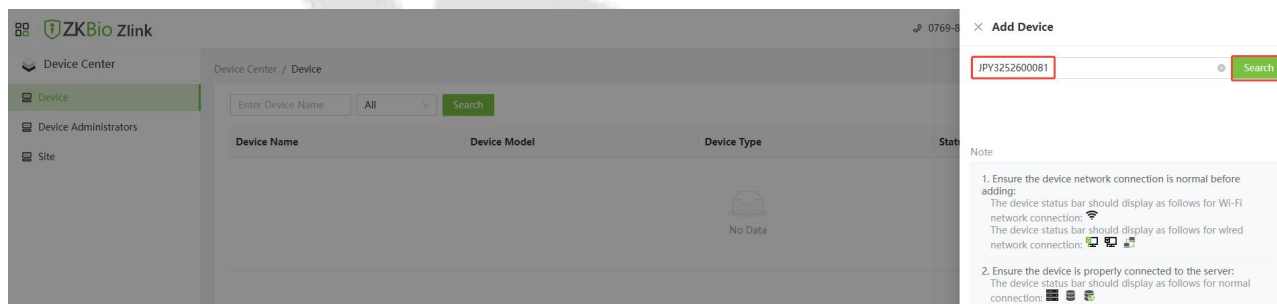
1. Click the  icon on the top left corner, and click [**Device Center**] > [**Device**] to enter the device setting interface.



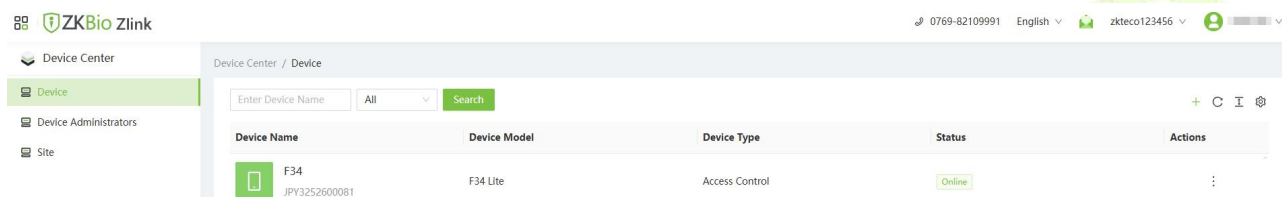
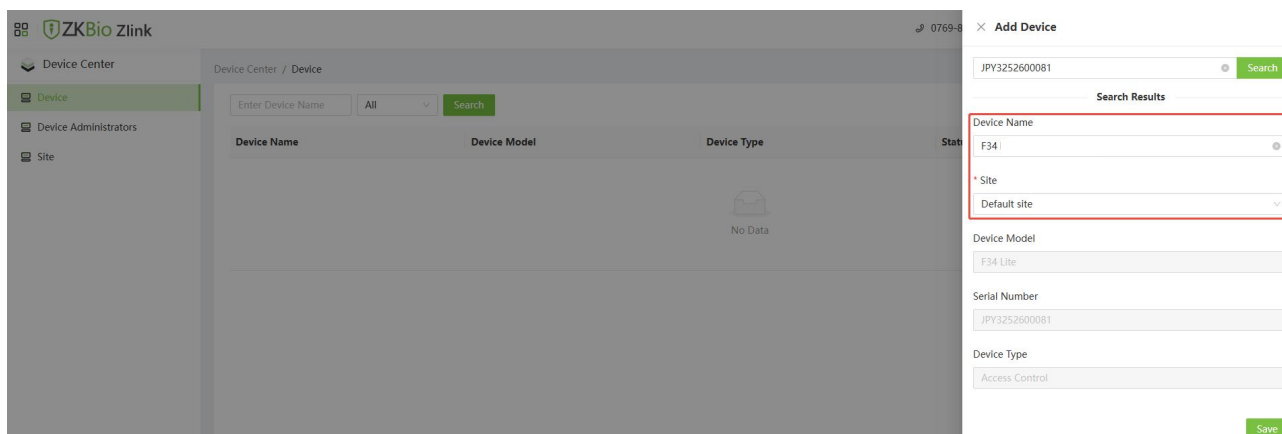
2. Then click **[Add Device]** to enter the Add Device interface.



3. Enter the Serial Number and click **[Search]**.



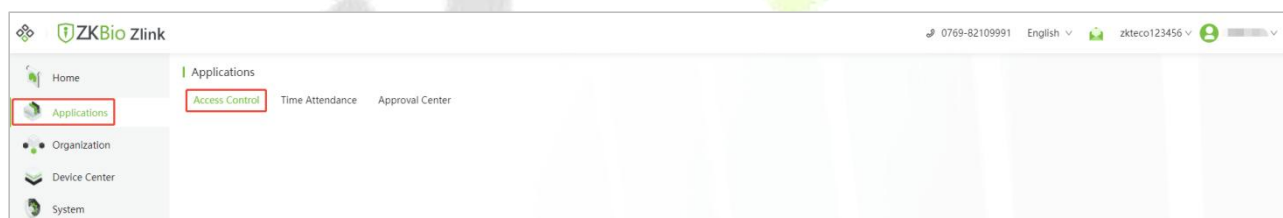
4. Then enter the device name and specify the device to a site. Select Site from the drop-down menu. Click **[Save]** to complete the addition.



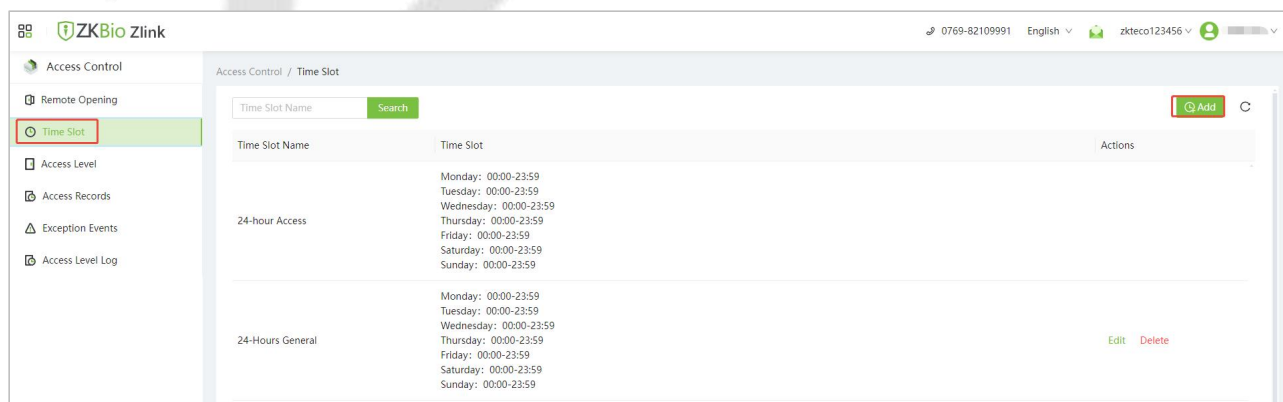
Note: Wait a moment for the device status to change from “Offline” to “Online”.

21.3 Set Access Levels

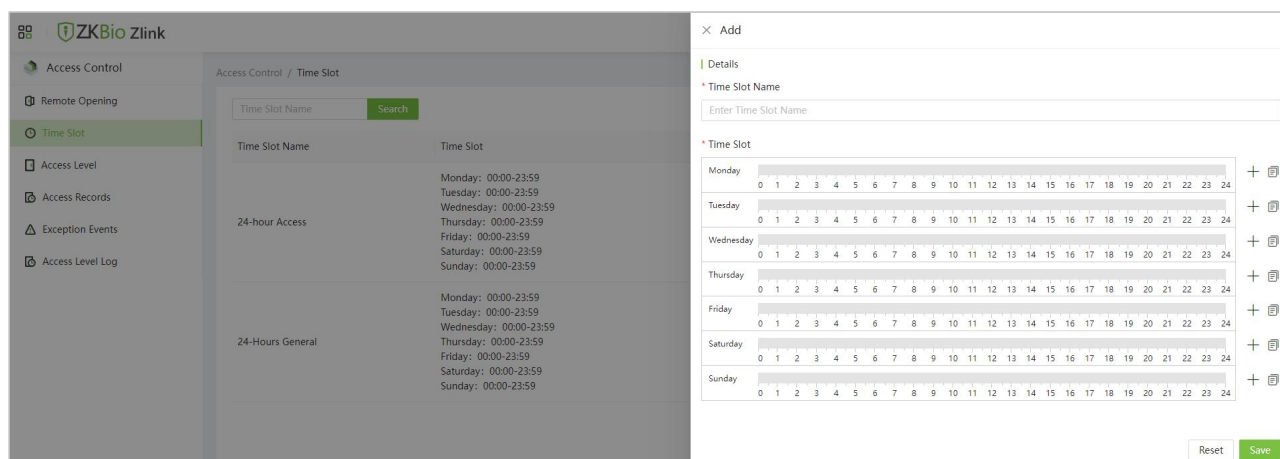
- Click the  icon on the top left corner, and click [Applications] > [Access Control] to enter the access control settings interface.



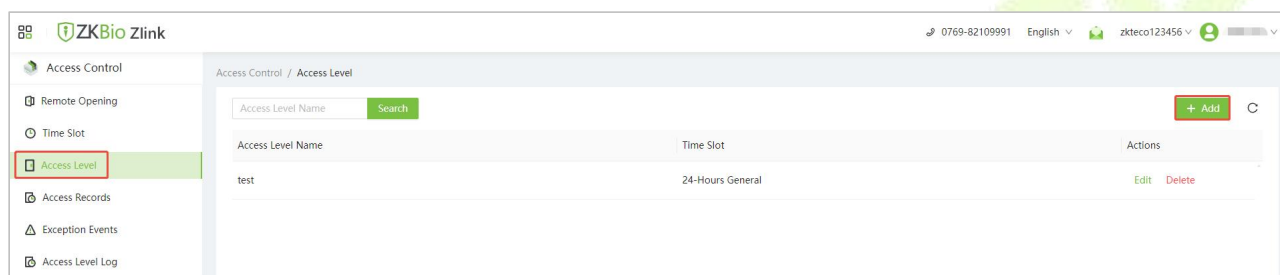
- Click [Time Slot] > [Add] to add a time slot.



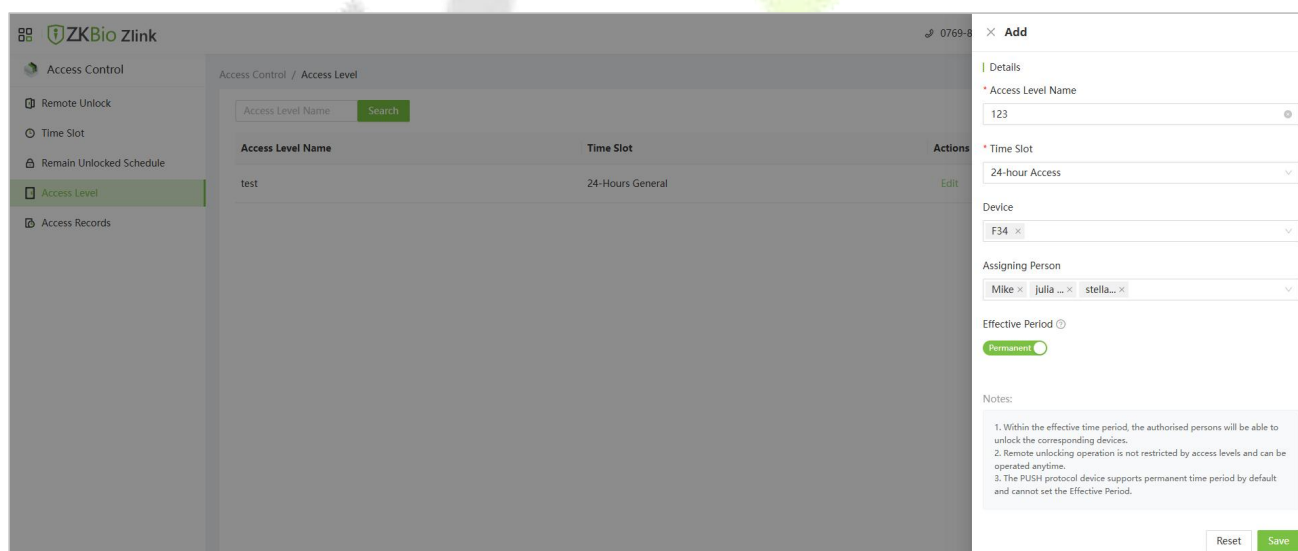
- Set the name and time slot, and click [Save]. Then the time lot will be displayed in the list. (**Note:** There is a default timeslot named **24-hour Access** in the system.)



4. Click **[Access Level]** > **[Add]** to add an access level.



5. Set the access level name, select the time slot, device, and persons, then click **Save** to synchronize the access level to the device.

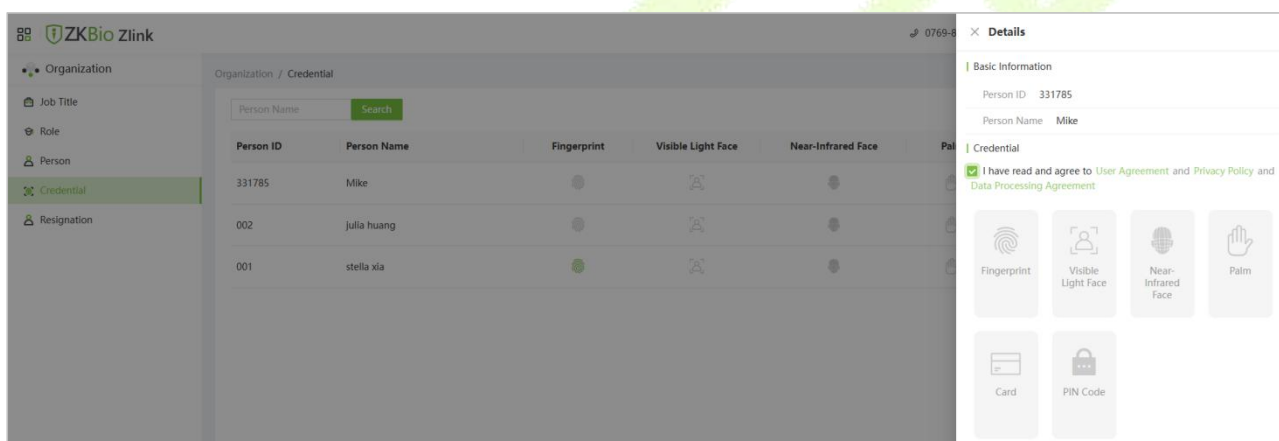
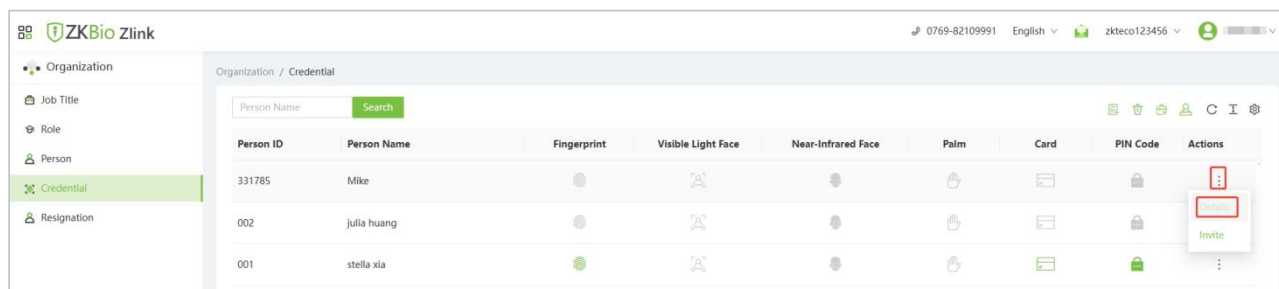


21.4 Register Verification Mode on the Web

1. Click the  icon on the top left corner, and click **[Organization]** > **[Credential]** to enter the credentials setting interface.

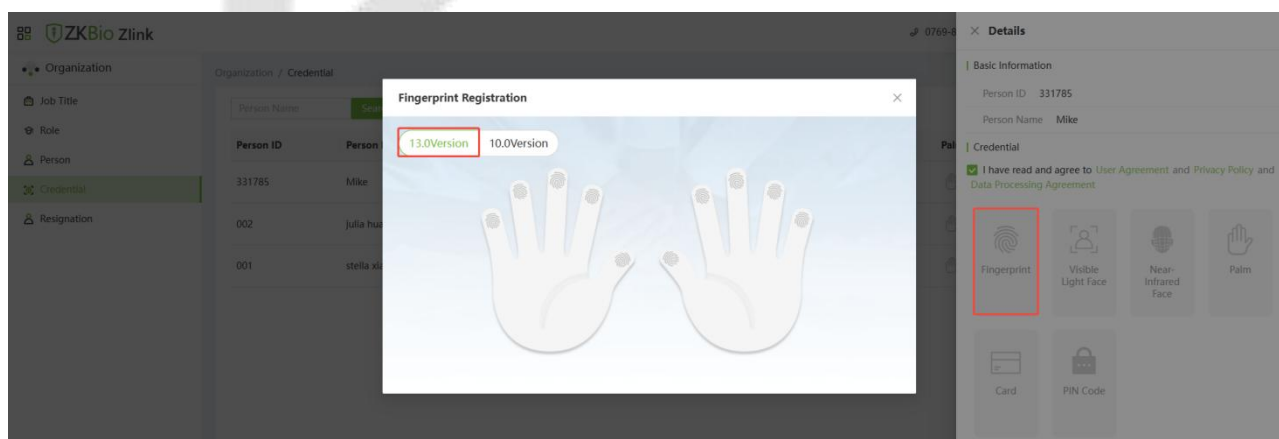


2. Select the person and click the  icon > **Details**, check “I have read and agree to User Agreement and Privacy Policy and Data Processing Agreement” and click **Fingerprint/Card/PIN Code** to remotely register the personnel biometric verification mode.

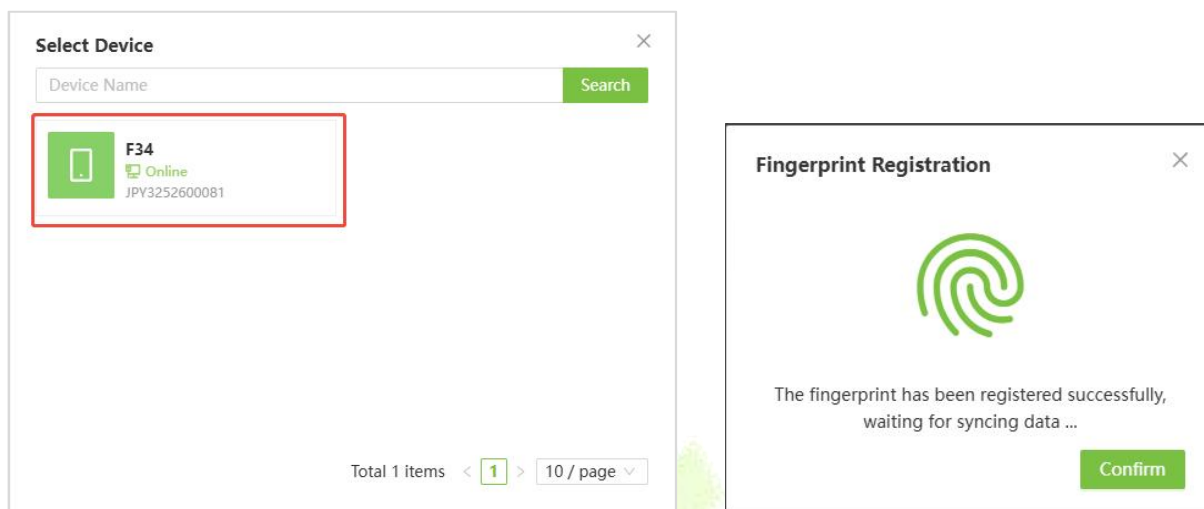


● Register Fingerprint

1. Click **Fingerprint** in the Details page. Click **13.0Version** or **10.0Version** (it depends on the fingerprint algorithm that set in **System > Fingerprint**). Choose the hand and finger to be enrolled in the pop-up prompt window.



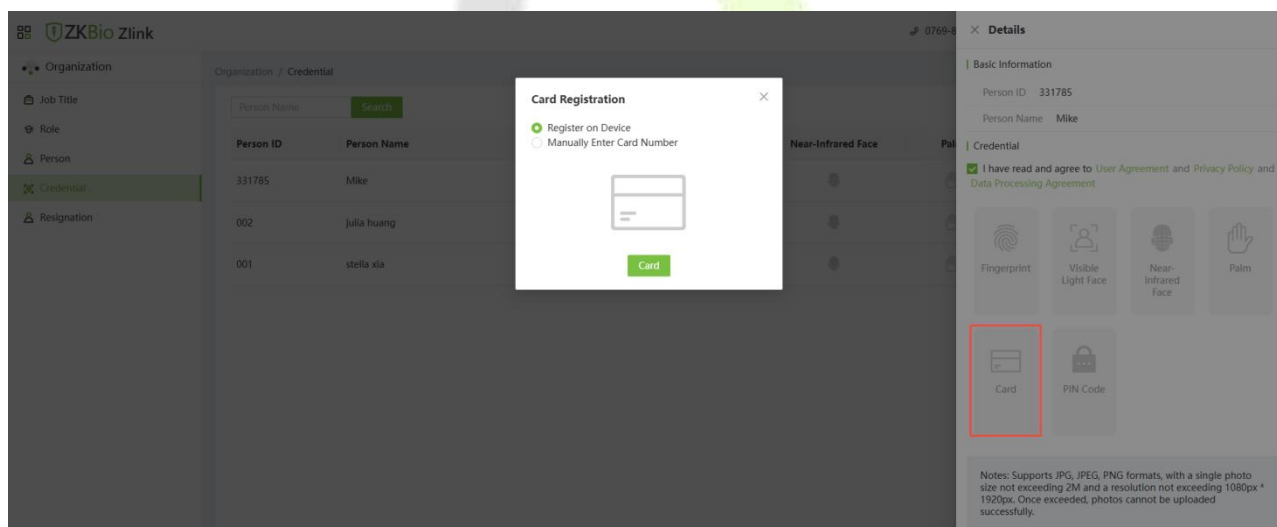
2. Select the registration device, the device will display the fingerprint registration screen. According to the prompts, place your finger on the fingerprint sensor and press 3 times. When the interface prompts "Enrolled Successfully", it means the fingerprint registration is successful.



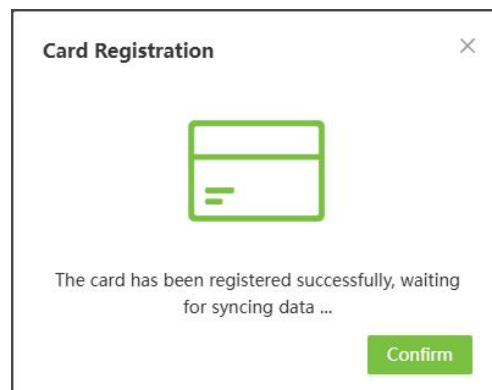
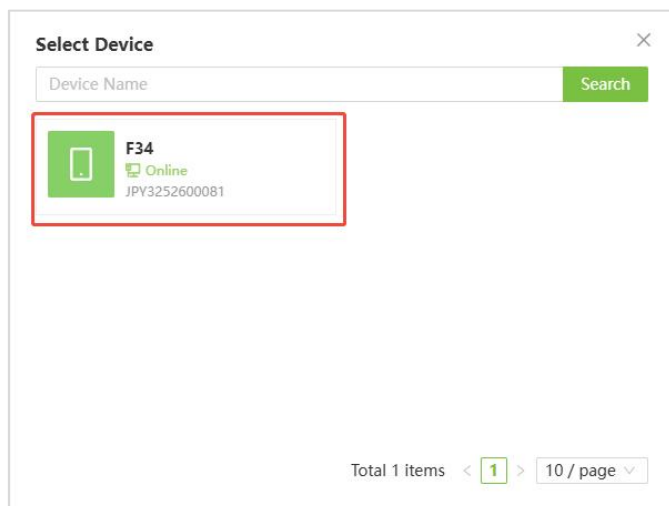
3. And you can repeat the above operation to register other fingers.

- **Register Card**

1. Click **Card** in the Details page. You can select Register on Device or Manually Enter Card Number. If you want to register on device, then click **Register on Device**.

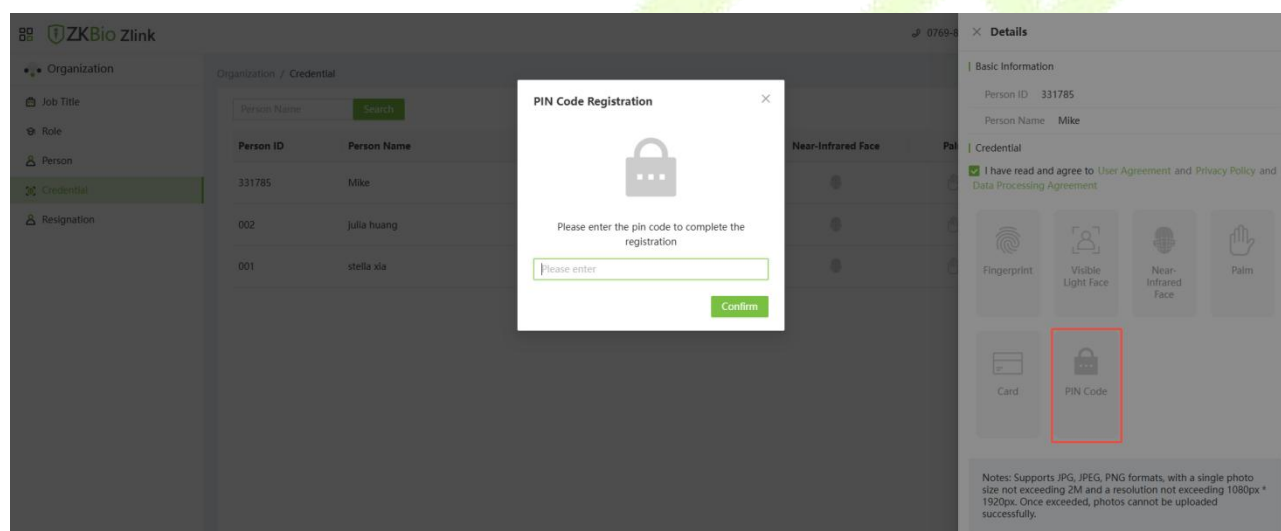


2. Select the registration device, the device will display the **Enroll Card Number** interface. Place the card in the swipe area, when the display shows green ✓, it means the card is successfully registered.



• Register Password

Click **PIN Code** in the Details page. Set the password in the pop-up prompt window, and then click **[Confirm]**.



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

22 Connect to ZKBio CVAccess Software

Change the device type as A&C PUSH, then the device can be connected to ZKBio CVAccess, please refer to [9.4 Device Type Setting](#).

22.1 Set the Communication Address

1. Press **M/OK** and enter **COMM. > Ethernet** to set the IP address and gateway of the device.
(**Note:** The IP address should be able to communicate with the ZKBio CVAccess server)
2. Press **M/OK** and enter **COMM. > Cloud Server Setting** to set the server address and server port.
Server address: Set the IP address as of ZKBio CVAccess server.
Server port: Set the server port as of ZKBio CVAccess.

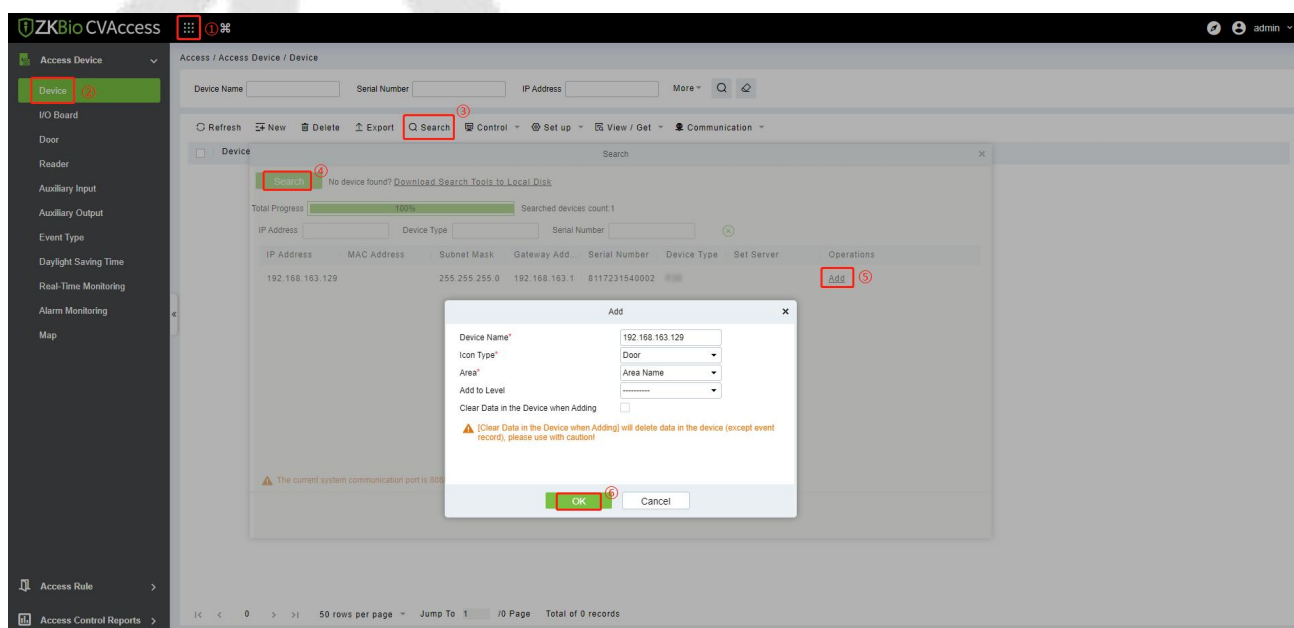
Ethernet	
Display in Status Bar ☒	
IPv4	
IP Address	192.168.163.199
Subnet Mask	255.255.255.0
Gateway	192.168.163.1
DNS	

Cloud Server Settings	
Server Mode	ADMS
Enable Domain Name	☐
Server Address	0.0.0.0
Server Port	8081
Enable Proxy Server	☐

22.2 Add Device on the Software

Add the device by searching. The process is as follows:

1. Click **Access > Device > Search > Search**, to open the Search interface in the software.
2. Click **Search**, and it will prompt **[Searching.....]**.
3. After searching, the list and total number of access controllers will be displayed.

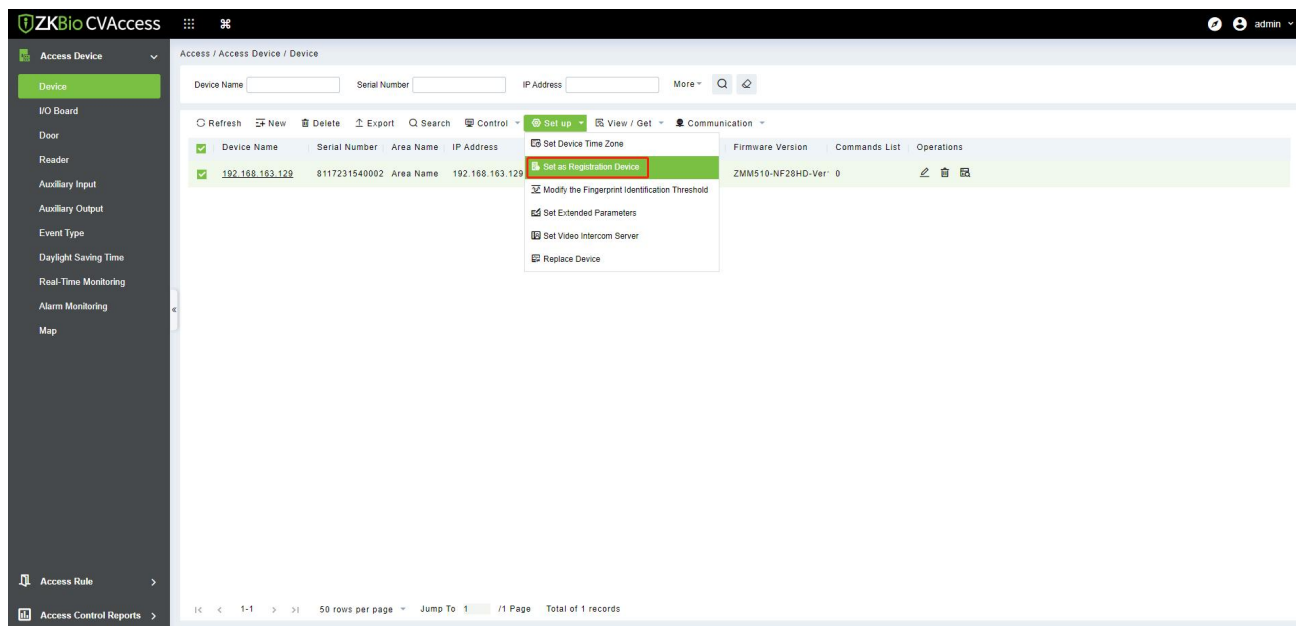


- Click **[Add]** in operation column, a new window will pop-up. Select Icon type, Area, and Add to Level from each dropdown and click **[OK]** to add the device.
- After the addition is successful, the device will be displayed in the device list.

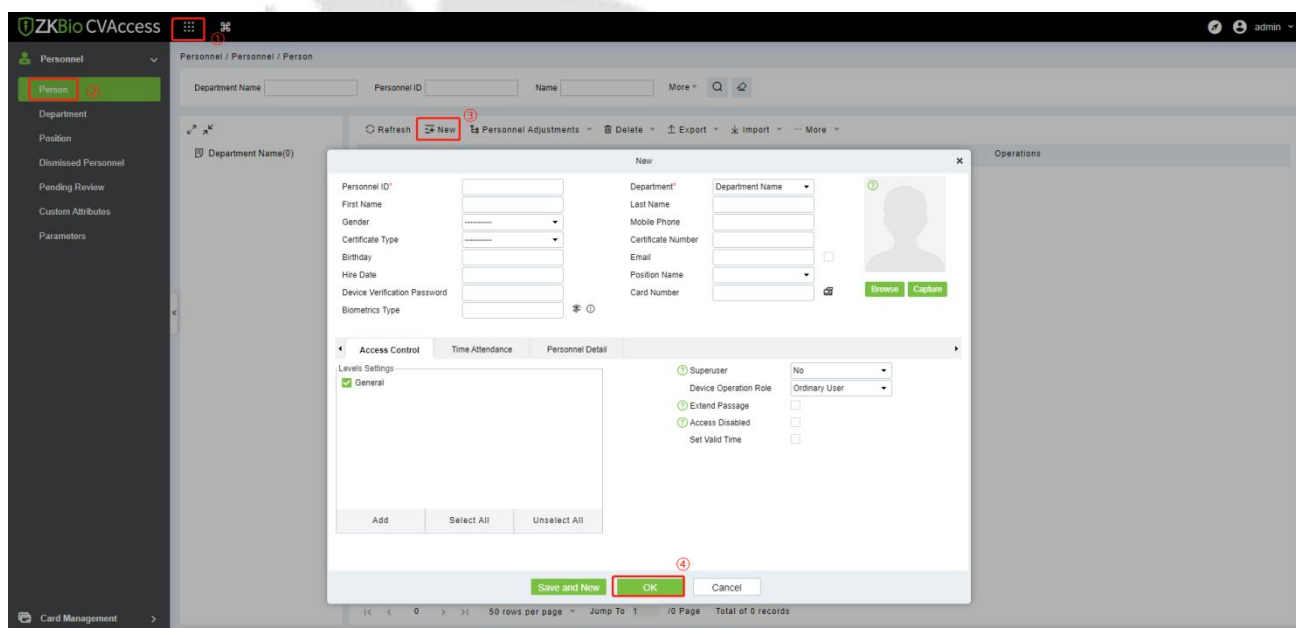
22.3 Add Personnel on the Software and Online Fingerprint Registration

Registration

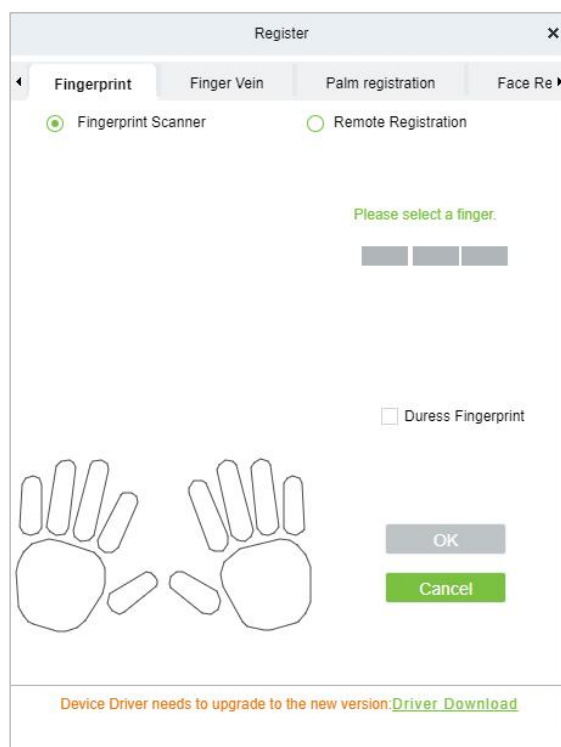
- In the device list, select the device and click **Set up > Set as Registration Device**.



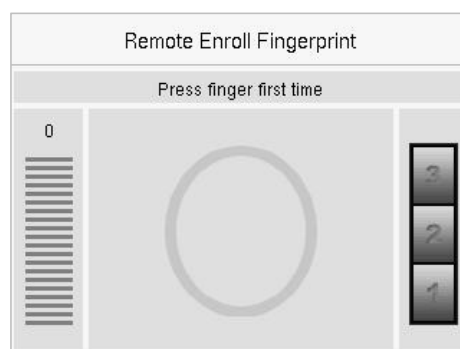
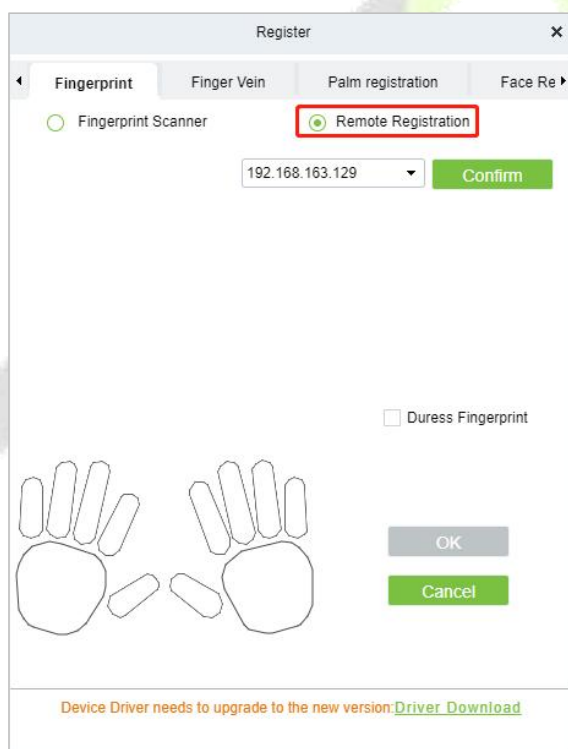
- Click **Personnel > Person > New**:



- Fill in all the required fields of the user and click  to enter the online fingerprint registration interface.



4. Click **Driver Download** to install the driver first.
5. Select **Remote Registration**, then select the IP address of the device and click **Confirm**.



6. Select the finger you want to register and press your finger on the fingerprint sensor of the device three times. If the fingerprint is successfully registered, the device will prompt "Enrolled successfully".
7. If you want to register a duress fingerprint, you can click **Duress Fingerprint** before registering the fingerprint.
 - **Duress fingerprint:** In any case, a duress alarm is generated when a fingerprint matches a

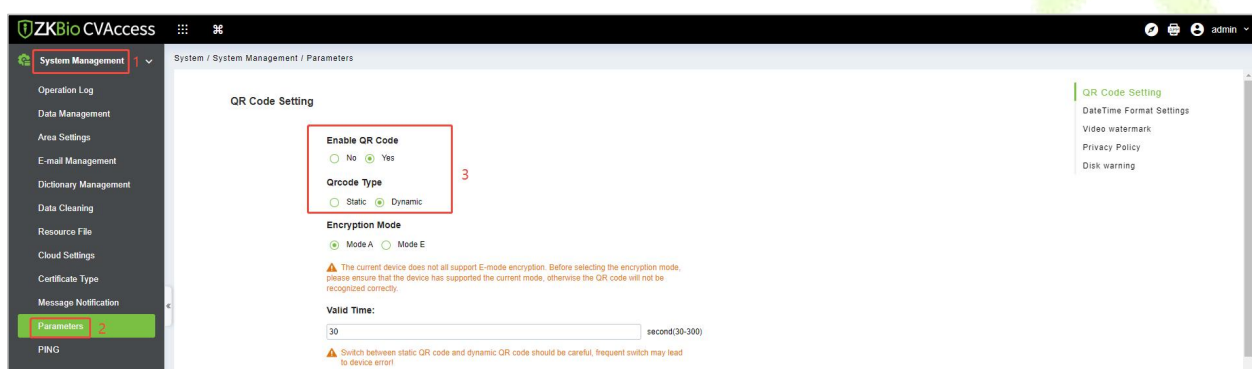
duress fingerprint.

8. Click **OK** to save the user.
9. Click **Access > Device > Control > Synchronize All Data to Devices** to synchronize all the data to the device including the new users.

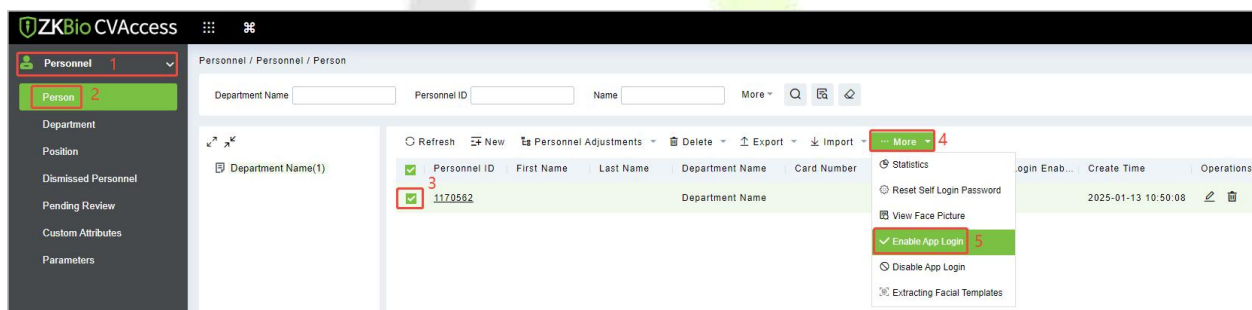
22.4 Mobile Credential★

After downloading and installing the ZKBio Zexus Mobile App, the user needs to set the Server before login. The steps are given below:

1. In ZKBio CVAccess, click **System > System Management > Parameters**, set **Enable QR Code** to "Yes", and select the Qrcode Type as **Dynamic**, the valid time of the QR code can be set.



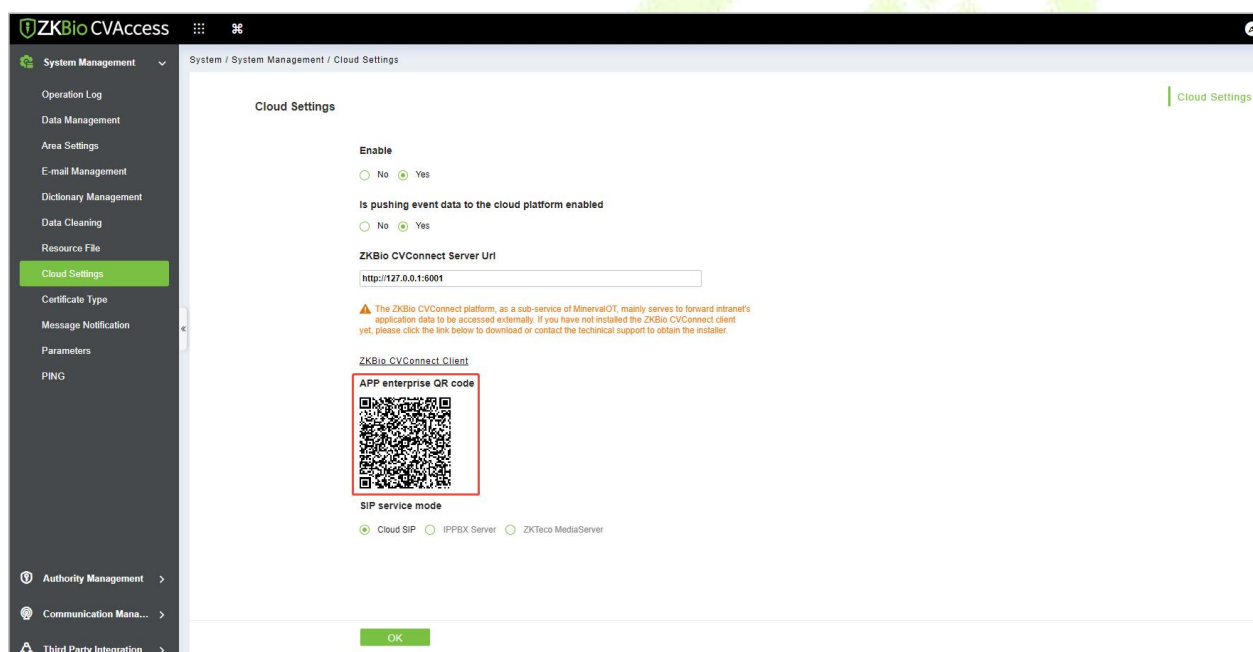
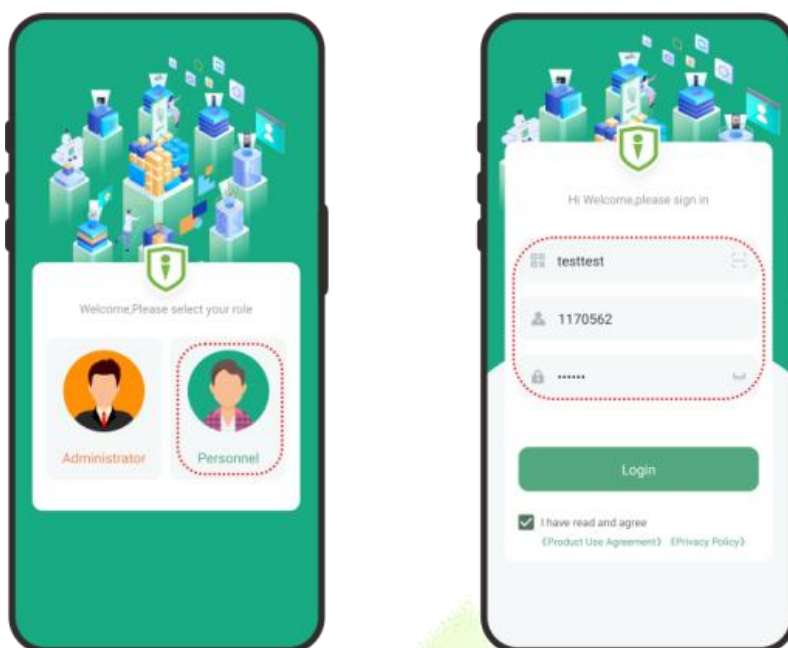
2. Click **Personnel > Personnel > Person**, select the personnel and click **More > Enable APP Login**.



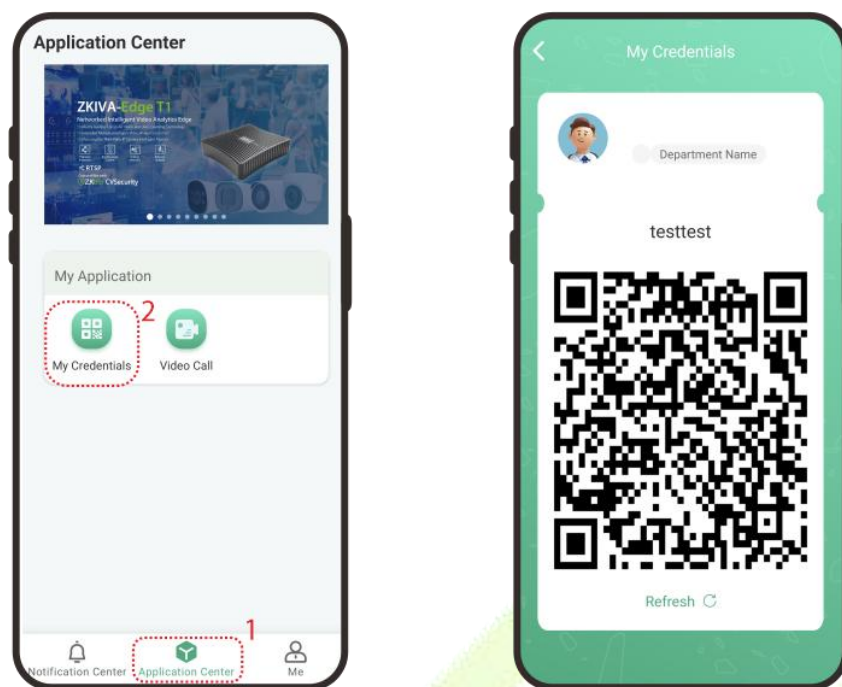
3. Open the App on the Smartphone. On the login screen, select the role-**Personnel**, enter the account information, and click **Login**.

Organization Name: Scan the organization code you get before. (Enter **System > System Management > Cloud Setting > APP enterprise QR Code**)

Account & Password: The personnel ID & password (default: 123456).



4. Click **Application Center > Mobile Credential** on the App, and a QR code will appear, which includes employee ID and card number information.



5. The QR code can replace a physical card on a specific device to achieve contactless authentication to open the door.
6. The QR code refreshes automatically for every 30s and supports manual refresh.

Note: For other specific operations, please refer to ZKBio CVAccess User Manual.

23 Connect to ZKBio Time Software

Change the device type as T&A PUSH, then the device can be connected to ZKBio Time, please refer to [9.4 Device Type Setting](#).

23.1 Set the Communication Address

1. Press **M/OK** and enter **COMM.** > **Ethernet** to set the IP address and gateway of the device.
(**Note:** The IP address should be able to communicate with the ZKBio Time server)
2. Press **M/OK** and enter **COMM.** > **Cloud Server Setting** to set the server address and server port.
Server address: Set the IP address as of ZKBio Time server.
Server port: Set the server port as of ZKBio Time server.
Or you can choose to enable **Domain Name** and set the server address.

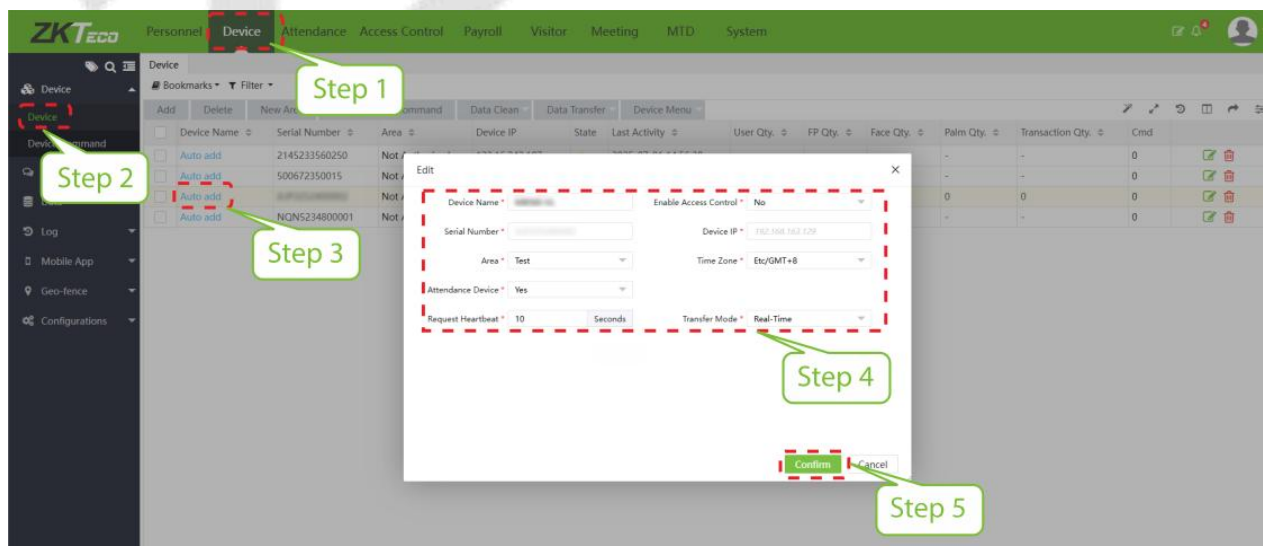
Ethernet	
Display in Status Bar	☒
IPv4	
IP Address	192.168.163.199
Subnet Mask	255.255.255.0
Gateway	192.168.163.1
DNS	

Cloud Server Settings	
Server Mode	ADMS
Enable Domain Name	☐
Server Address	http://time.xmzktco.c...
Enable Proxy Server	☐

23.2 Add Device on the Software

After setting on the device, the device will be automatically added to the software. Open the ZKBio Time software then select [**Device Module**] > [**Device**] > [**Device**], click the device in the list, change the Device Name and Area.

Note: The devices added automatically must be assigned to custom areas to communicate with the software.



23.3 Add Personnel on the Software and Online Fingerprint Registration

1. Click **Personnel** > **Employee** > **Add**:

The screenshot shows the ZKTeco software interface. The 'Personnel' menu is selected, and the 'Add' button is highlighted. The 'Add' form is displayed, showing fields for Employee ID, First Name, Last Name, Department, Position, Area, Employment Type, Hired Date, Superior, and Workflow Role. There are also tabs for Private Information, Device Access Settings, Attendance Settings, App Settings, Payroll Settings, Custom Attribute, and Leave Group. The 'Confirm' button is highlighted.

2. Fill in all the required fields and click [**Confirm**] to register a new user.
3. Click **Device** > **Device**, select the device and click **Device Menu** > **Enroll Remotely**.

The screenshot shows the ZKTeco software interface. The 'Device' menu is selected, and the 'Device Menu' button is highlighted. The 'Enroll Remotely' option is selected in the dropdown menu. The table below shows a list of devices with columns for Device Name, Serial Number, Area, Device IP, Real IP, Device Name, Reboot, Read Information, Enroll Remotely, Duplicate Punch Period, Capture Setting, Upgrade Firmware, Daylight Saving Time, Punch State Change Setting, Ware Version, Push Version, Push Protocol, State, Last Activity, User Qty, and FP Qty.

Device Name	Serial Number	Area	Device IP	Real IP	Device Name	Reboot	Read Information	Enroll Remotely	Duplicate Punch Period	Capture Setting	Upgrade Firmware	Daylight Saving Time	Punch State Change Setting	Ware Version	Push Version	Push Protocol	State	Last Activity	User Qty	FP Qty
DNS THINHVIETNAM	2145223660019	THINHVIETNAM	192.168.1.192	113.22.93.139	Speed	-	-	-	-	-	-	-	-	180-NF50VA-Ver3.4.9	Ver 2.0.335-20220623	2.4.1	-	2025-08-07 12:02:10	160	3
lector	292027032005	High School	192.168.100.222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auto add	AEH2203860041	Business Office	2.50.137.218	2.50.137.218	-	-	-	-	-	-	-	-	-	-	-	2.4.0	-	2025-08-07 16:57:18	-	-
Neshat7	BOCK214160167	Business Office	46.100.166.162	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	HDP1251000336	Business Office	192.168.50.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Horus H1-FP	HVB7252400001	Business Office	203.94.32.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F34 Lite	JPY3252600081	THINHVIETNAM	192.168.163.129	58.252.13.241	F34 L	-	-	-	-	-	-	-	-	4501-NF24HC-Ver2.1.5	Ver 3.1.25-20250616	2.4.1	-	2025-08-07 16:58:39	0	0

4. Enter the Employee ID and select the finger you want to register and press your finger on the fingerprint sensor of the device three times. If the fingerprint is successfully registered, the device will prompt "Enrolled successfully".

Enroll Remotely

Biometric Type*

Fingerprint

Employee ID*

Finger*

Fore Finger

Confirm

Cancel

Remote Enroll Fingerprint

Press finger first time

0

3

2

1

- Select the device in the list, click **Data Transfer** > **Sync Data to the Device** to synchronize all the data to the device including the new users.

ZKTeco

Personnel

Device

Attendance

Access Control

Payroll

Visitor

Meeting

MTD

System

Device

Device Command

Message

Data

Log

Mobile App

Geo-fence

Configurations

Add

Delete

New Area

Clear Pending Command

Data Clean

Data Transfer

Device Menu

Device Name	Serial Number	Area	Device IP	Upload User Data	Upload Transaction	User Qty.	FP Qty.	Face Qty.	Palm Qty.	Transaction Qty.	Cmd
Auto add	2145233560250	Not Authorized	123.16.242.11	16:59:29		-	-	-	-	-	0
Auto add	500672350015	Not Authorized	171.103.233.1	16:59:08	Sync Data to the Device						0
Auto add	192.168.163.129	Test	192.168.163.129	2025-07-01 17:01:16		2	1	0	0	1	0
Auto add	NQN5234800001	Not Authorized	124.43.28.193	2025-07-01 16:59:53		-	-	-	-	-	0

Note: For other specific operations, please refer the ZKBio Time User Manual.

24 Connect to ZKBio Time Cloud Software

Change the device type as T&A PUSH, then the device can be connected to ZKBio Time Cloud, please refer to [9.4 Device Type Setting](#).

24.1 Set the Communication Address

1. Press **M/OK** and enter **COMM. > Ethernet** to set the IP address and gateway of the device.
(**Note:** The IP address should be able to communicate with the ZKBio Time Cloud)
2. Press **M/OK** and enter **COMM. > Cloud Server Setting** to enable Domain Name and enter the correct domain name.

Ethernet

Display in Status Bar ☒

IPv4

IP Address 192.168.163.199

Subnet Mask 255.255.255.0

Gateway 192.168.163.1

DNS

Cloud Server Settings

Server Mode ADMS

Enable Domain Name ☒

Server Address https://zkte...

Enable Proxy Server ☐

24.2 Add Device on the Software

After setting on the device, the device will be automatically added to the software. Open ZKBio Time Cloud software, click **Device > Device >  Edit icon** to enter the Device Edit interface. Change the Device Name and Area, then it can communicate with the software.

ZKBio Time Cloud Company Employee Device GPS Attendance Access Reports System Apps ZKTECOTESTDEMO

Device

Device ②

Device Command

Message

Data

Device

☐	Serial Number	Device Name	Area	Device IP	Status	Last Activity	User Count	FP Count	Face Count	Palm Count	Transaction ...	Command C...	Devic...	Enabl...	Action
☐	TCED244300011	Auto add	Not Autho	112.48.22...	ⓘ	2025-07-24 09:53:12						0	PUSH	No	
☐	JPY3252600081	Auto add	Not Autho	121.12.14...	ⓘ	2025-08-07 18:21:07						0	PUSH	No	ⓘ 

Device

Device

Device Command

Message

Data

Log

Configuration

Device / Edit

Device Name * F34

Area * R&D Building

Device Type * PUSH

Transfer Mode * Real Time

Connection Request Interval * 10 seconds

Enable Access Control * No

Serial Number * JPY3252600081

Timezone * Etc/GMT+8

Device IP 121.12.144.226

Registration Device * Yes

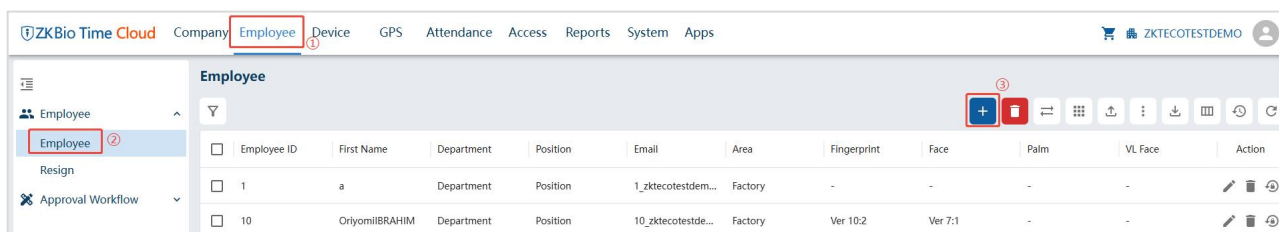
Attendance Device * Yes

Save
Discard

24.3 Add Personnel on the Software and Online Fingerprint

Registration

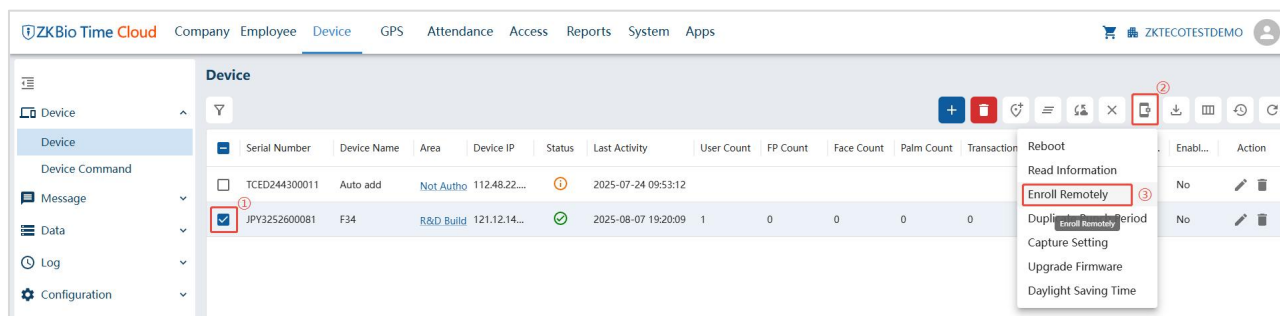
1. Click **Employee > Employee >  Add icon** to enter the Employee Add interface.



2. Fill in all the required fields and click **Save** to register a new user.

3. Click **Device > Device >  Edit icon** to enter the Device Edit interface, set the Registration Device as **Yes** and click **Save**.

4. Select the device in the list, click  icon > **Enroll Remotely**.



5. Enter the Employee ID and select the finger you want to register and press your finger on the fingerprint sensor of the device three times. If the fingerprint is successfully registered, the device will display "Enrolled successfully".

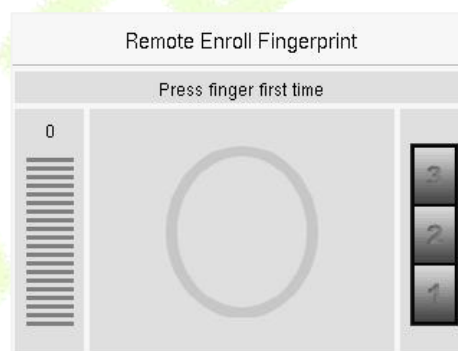
Enroll Remotely

Biometric Type *
Fingerprint

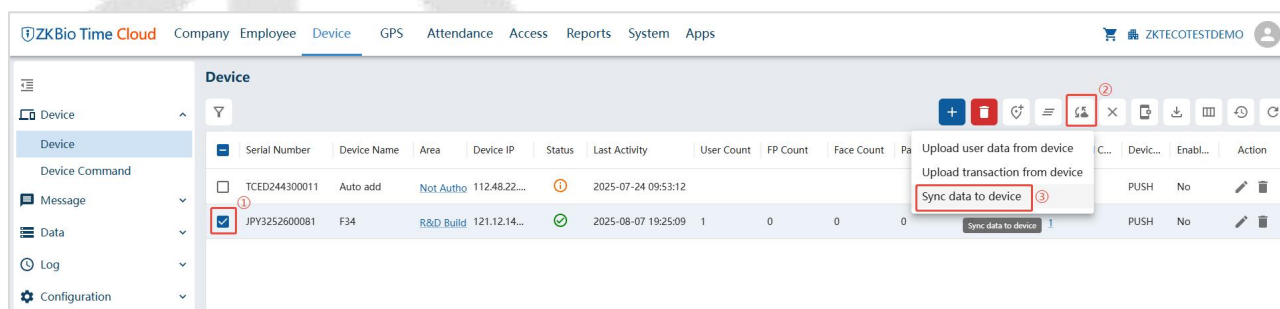
Employee ID *
1

Finger *
(Right Hand)Fore Finger

Confirm Discard



6. Select the device in the list, click  icon > **Sync Data to Device** to synchronize all the data into the device including the new users.



Sync data to device

☒ Employee	☐ Photo
☒ Fingerprint	☐ Face
☐ Palm	☐ Finger Vein

Note: For other specific operations, please refer the *ZKBio Time Cloud User Manual*.

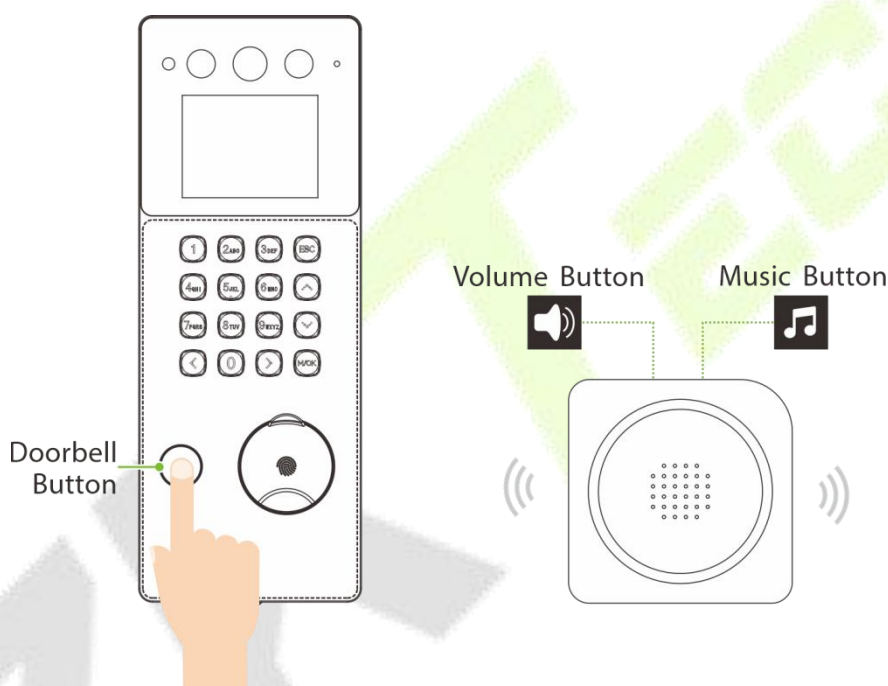
25 Connecting to Wireless Doorbell★



Note: This function needs to be used with the wireless doorbell.

25.1 Connect the Wireless Doorbell

1. 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.



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

Note:

- 1) Each device only supports one wireless doorbell.
- 2) Wireless doorbell needs to be purchased by the customers themselves.

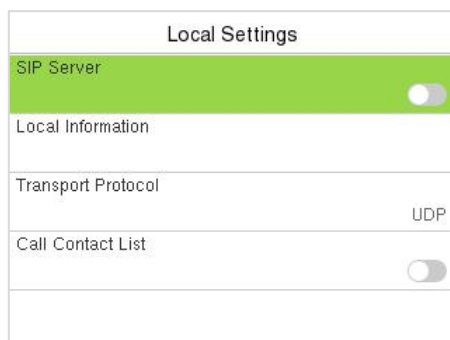
25.2 Unbinding the Wireless Doorbell

Power off the wireless doorbell first, then re-installing the batteries while pressing and holding the music button 🎵 until the indicator is on, indicating that the unbinding is successful.

26 SIP Video Intercom

26.1 Local Area Network Use

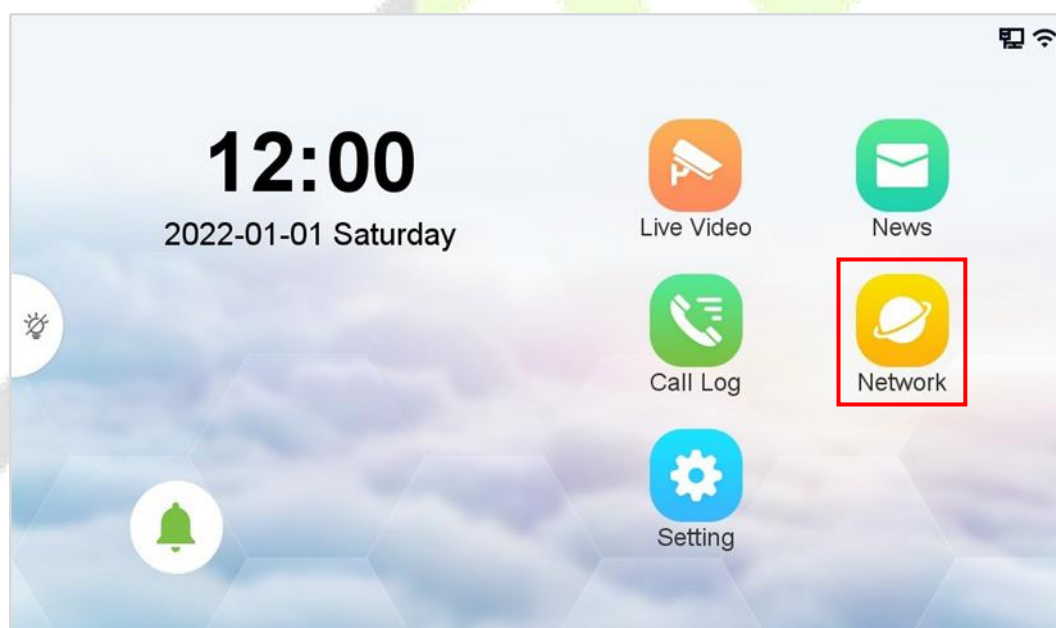
In this mode, please make sure that the SIP Server of the device is disabled.



This function needs to be used with the indoor monitor VT07-B01.

- **On the Indoor Monitor:**

1. Tap **Network** >  to enter the wired network setting interface. (Default password: **123456**)



2. Set the IP Address and Gateway of the indoor monitor. (**Note:** The IP address should be in the same network segment as the device.)

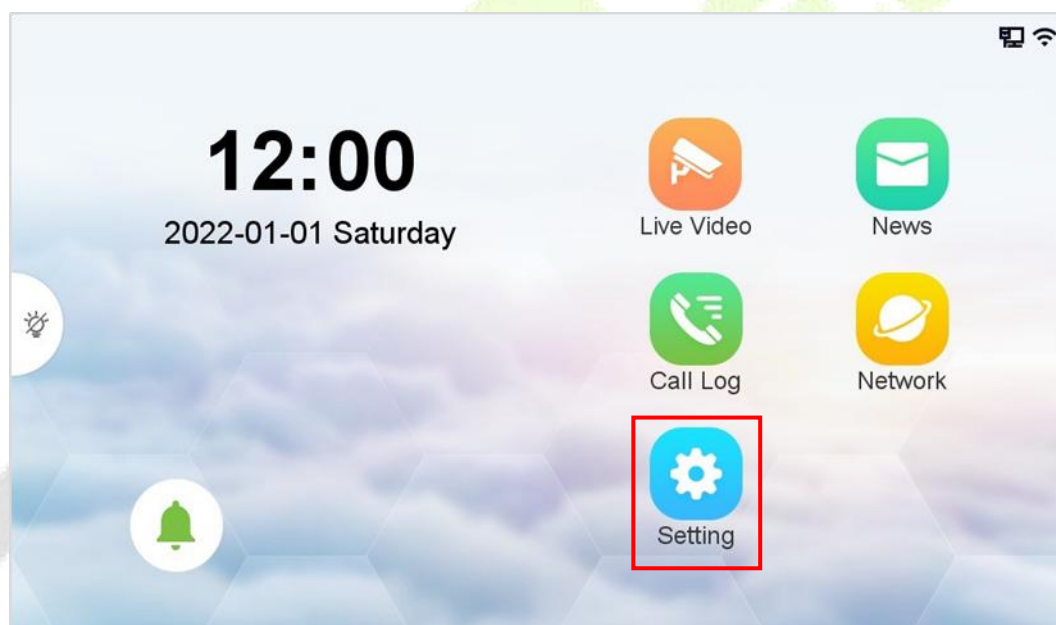
<

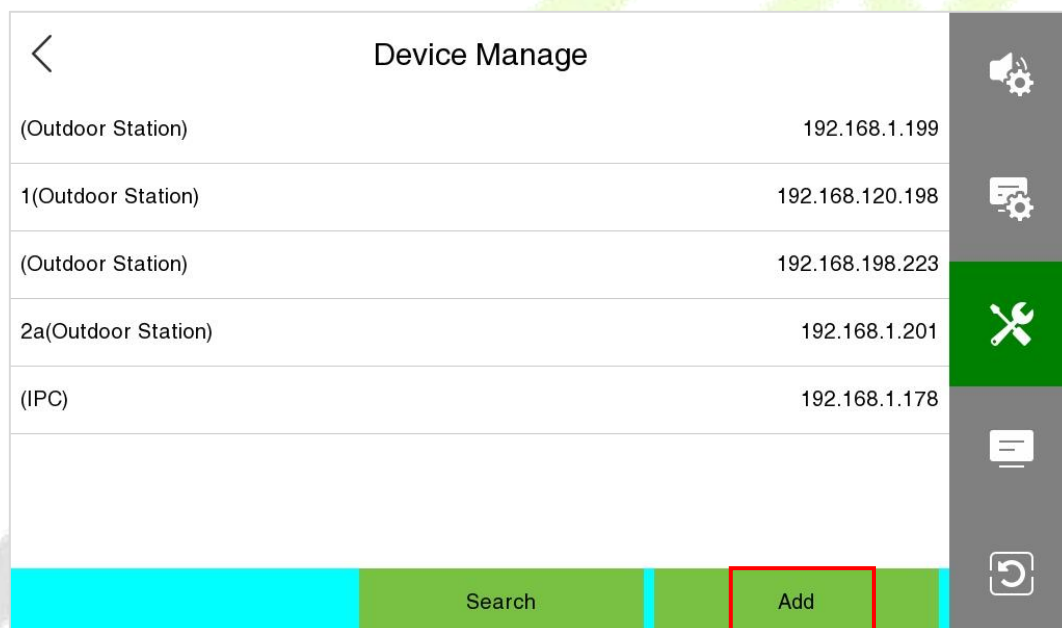
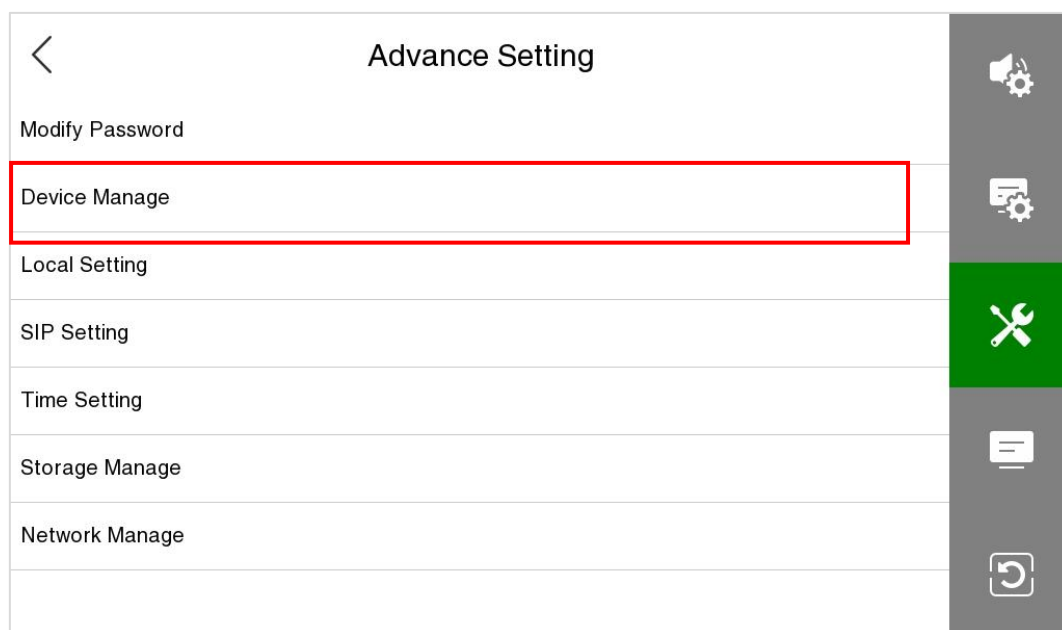
Wired Network Configuration



IP Address	192.168.163.130
Subnet Mask	255.255.255.0
Gateway	192.168.163.1
DNS	8.8.8.8
MAC	00:17:61:CB:03:0D
DHCP	☐

3. Tap **Setting** >  **Advance Setting** > **Device Manage** > **Add** to add the device.





4. Set the related information of the device, then click **Save**.

Device Type: Set as Outdoor Station.

Device IP: Enter the IP address of the device.

Device Port: 8000.

User Name: admin.

Password: 123456.

Device Configuration	
Device Type	Outdoor Station
Position	
BindIPC1	Unbound
BindIPC2	Unbound
BindIPC3	Unbound
Device IP	192.168.163.129
Device Port	8000
User Name	admin

- **On the Device:**

1. Press **M/OK** key and enter **[Intercom] > [SIP Settings] > [Contact List] > [Add]** to add the connected indoor monitors.

Intercom	
	SIP Settings
	Doorbell Setting
	ONVIF Settings

SIP Settings	
Local Settings	
Audio Options	
Video Options	
Call Options	
Contact List	

Contact List	
Add	
101	192.168.1.101
102	192.168.1.102
103	192.168.1.103

Add	
Room Number	
Call Address	

Room Number: Customize the number of the indoor monitor.

When the device type is set as **Entrance Station**, the room number can be 1~ 4 digits. When the device type is set as **Fence Terminal**, you need to input the block, unit and room number. For example, if the indoor monitor is in Block 3, Unit 2, Room 2601, then input "03.02.2601".

Room Number	
Please input	
130	
Confirm (OK)	Cancel (ESC)

Entrance Station

Room Number	
Please input	
03 . 02 . 2601	
Confirm (OK)	Cancel (ESC)

Fence Terminal

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

- To enable the video intercom function, press the doorbell button  on the device and enter the number or IP address of the indoor monitor in the provided interface.

Please Enter The Number	
130	
Ring the Doorbell to Call Admin	

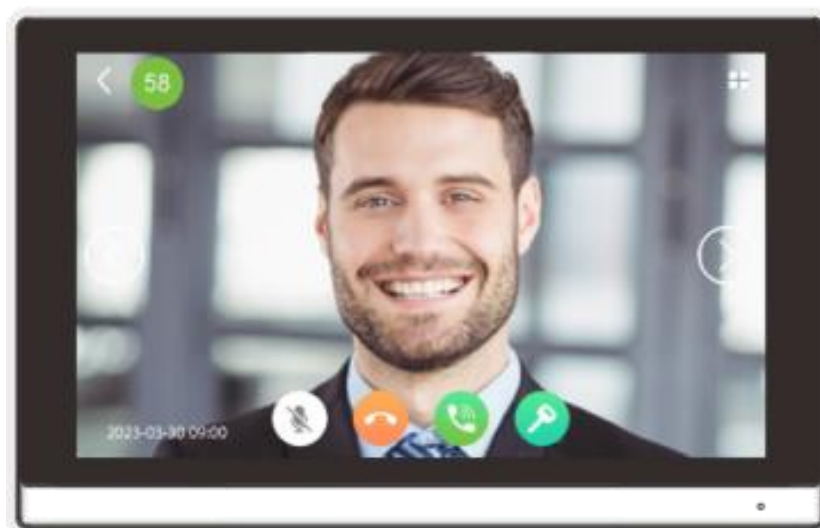
Entrance Station

130	
Waiting for someone to answer...	
	
	

Please Enter The Number		
3	2	2601
Block	Unit	Room Number
Ring the Doorbell to Call Admin		

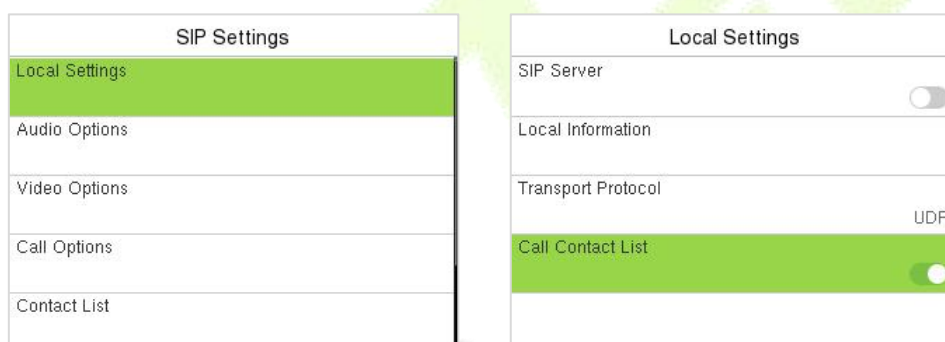
Fence Terminal

03022601	
Waiting for someone to answer...	
	
	

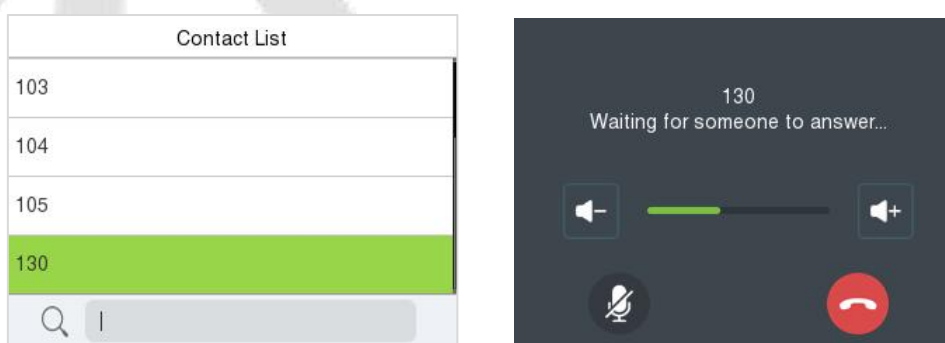


26.1.1 Call Contact List

1. On the **SIP Settings** interface, tap **Local Settings > Call Contact List** to enable the call contact list.



2. Press the doorbell button  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.



26.1.2 Custom the Calling Shortcut Keys

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

SIP Settings		Calling Shortcut Settings		Number : 102	
Audio Options		Management Center	Disable	Enable	☒
Video Options		Call Mode	Standard Mode	Name	ROOM1
Call Options		ROOM1	Disable	Number	130
Contact List		ROOM2	Disable		
Calling Shortcut Settings		ROOM3	Disable		

Name: Customize the name of the shortcut keys.

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

2. Then you can press the doorbell button  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

130

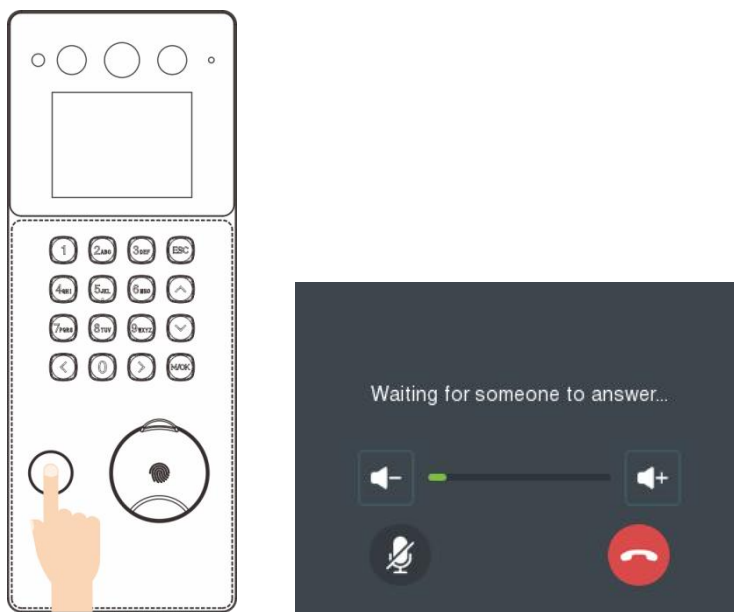
Waiting for someone to answer...

26.1.3 Direct Calling

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

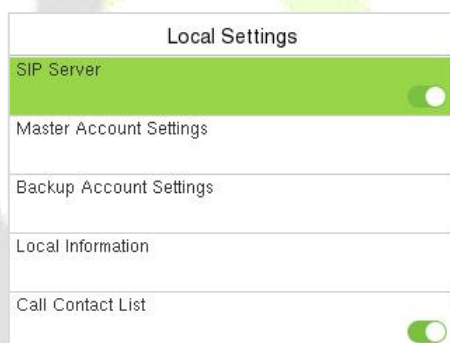
Calling Shortcut Settings		Calling Shortcut Settings		Contact List	
☐ Standard Mode		Management Center	Disable	☐ 103	
☒ Direct Calling Mode		Call Mode	Direct Calling Mode	☐ 104	
		Add		☐ 105	
				☒ 130	

2. Then you can press the doorbell button  on the device to call the indoor monitors directly.



26.2 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.

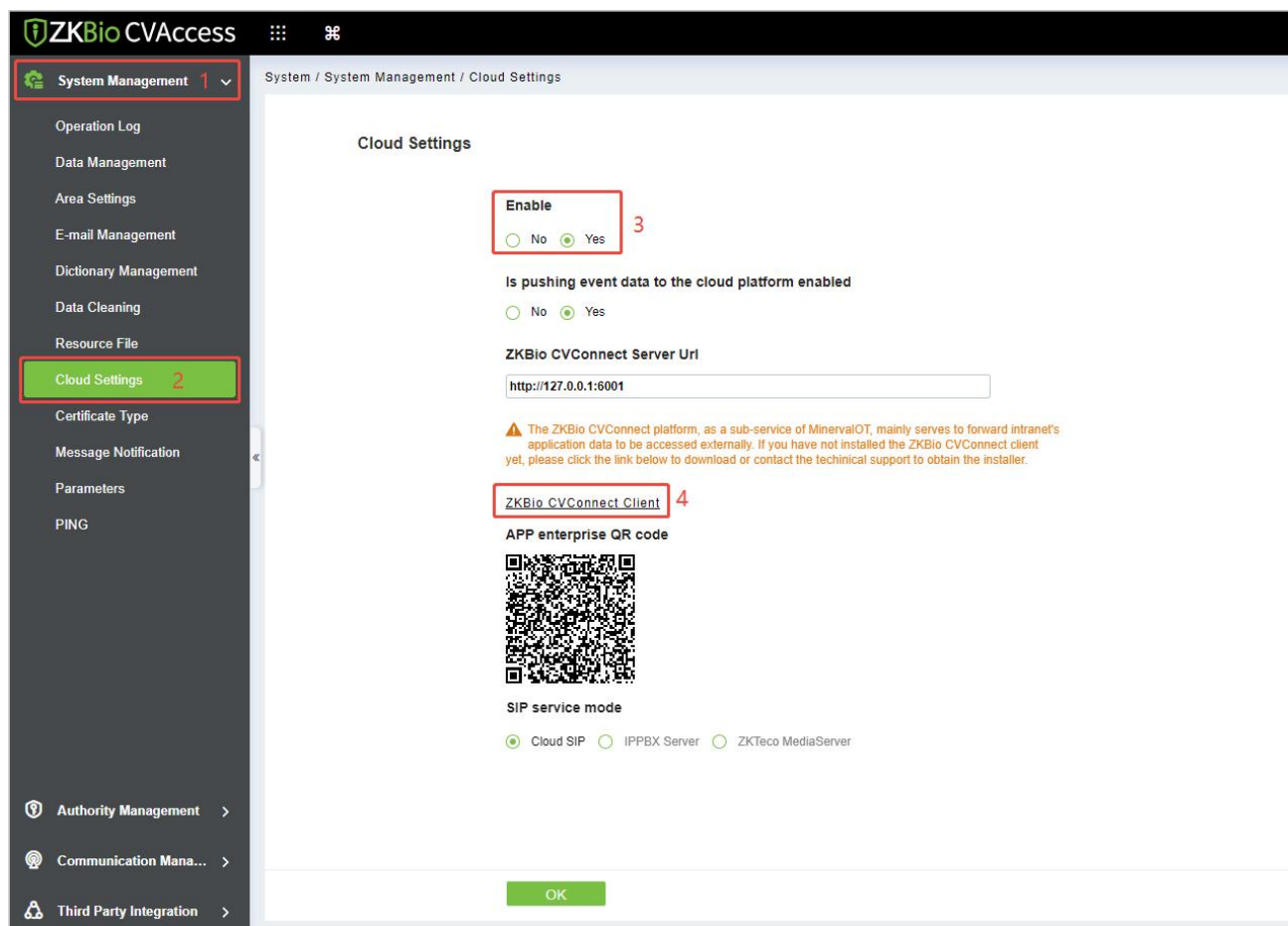
ZKBio CVAccess supports 2 kinds of SIP server: **cloud SIP** and **PBX server**, users can choose one according to the actual situation.

- **Cloud SIP mode:** Users do not need to purchase additional SIP server, only need to purchase SIP account permission.
- **PBX server:** You need to purchase a PBX server for local deployment. You do not need to purchase an additional SIP account.

The following text mainly introduces the Cloud SIP mode.

26.2.1 SIP Server Configuration

1. On the ZKBio CVAccess software, click **System > System Management > Cloud Settings** to enable the Cloud SIP service.
2. Click **ZKBio CVConnect Client** to download and install it.



Note:

- 1) Ensure the ZKBio CVConnect client is installed if Cloud SIP is activated.
- 2) After cloud SIP is enabled, the device network needs to be able to connect to the external network before it can be used.

➤ ZKBio CVConnect Client Activation Steps

Step 1: Double-click the desktop shortcut key. Jump to browser page.



Welcome to ZKBio CVConnect Service, the journey to the cloud is so easy

For first-time use, you need to complete the ZKBio CVConnect activation

6seconds to automatically jump to the activation page

If the jump fails, go manually, [Manually jump](#)

Step 2: Follow the steps on the page to complete activation.

1. Select Area

ZKBio CVConnect Activation

[Activation code activation >>](#)

ZKBio CVConnect is a service based on ZKTeco MinervaloT platform. Activating ZKBio CVConnect requires registering as a MinervaloT user and creating a company. One cloud account can bind multiple ZKBio CVConnect services, but one company can only bind one set of ZKBio CVConnect services.

1 Please select area 2 Bind ZKBio CVConnect account 3 Select company 4 Activation waiting

* Area:

* Local Application: ZKBio CVAccess

Endpoint: https://192.168.163.86:8098

Next

- **Area:** Select the area of the cloud server, currently only China, Singapore and America are available, other areas will be added later.
- **Local Application:** Set as ZKBio CVAccess.
- **EndPoint:** The server address of your local application. For example, if your local application is ZKBio CVAccess with a server address of https://192.168.163.86:8098, enter this server address here so that ZKBio CVConnect can correctly forward the data from your local server for access by the Mobile APP.

2. Bind ZKBio CVConnect Account

ZKBio CVConnect Activation

[Activation code activation >>](#)

ZKBio CVConnect is a service based on ZKTeco MinervaloT platform. Activating ZKBio CVConnect requires registering as a MinervaloT user and creating a company. One cloud account can bind multiple ZKBio CVConnect services, but one company can only bind one set of ZKBio CVConnect services.

1 Please select area 2 Bind ZKBio CVConnect account 3 Select company 4 Activation waiting

No account yet, please click [Register](#).

* Username: pou...@...com

* Password:

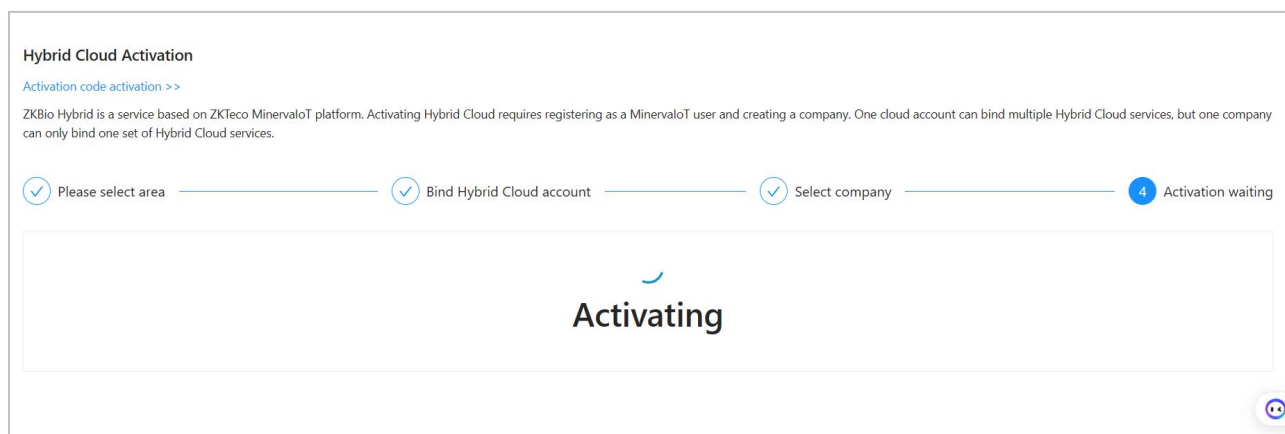
Previous Next

If you already have a Minerva IoT account, you can use it and log in; otherwise click on **Register**, then jump to Minerva IoT registration page and register your account.

3. Select Company

If you don't currently have a company, you can choose to create one by clicking **Use New Company**.

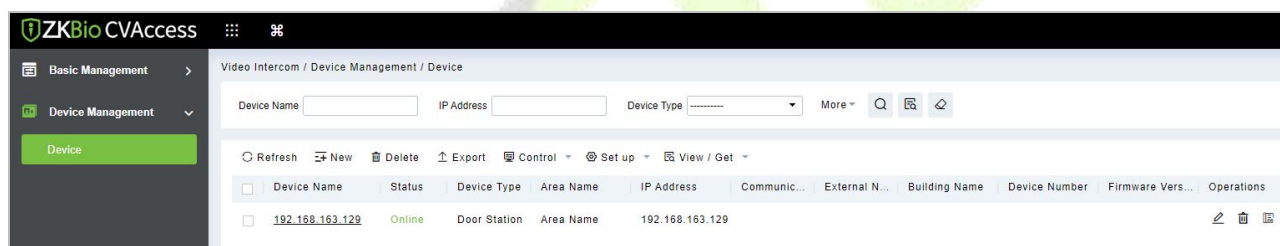
Start Activating and wait for 1-2 minutes until the Activation completely.



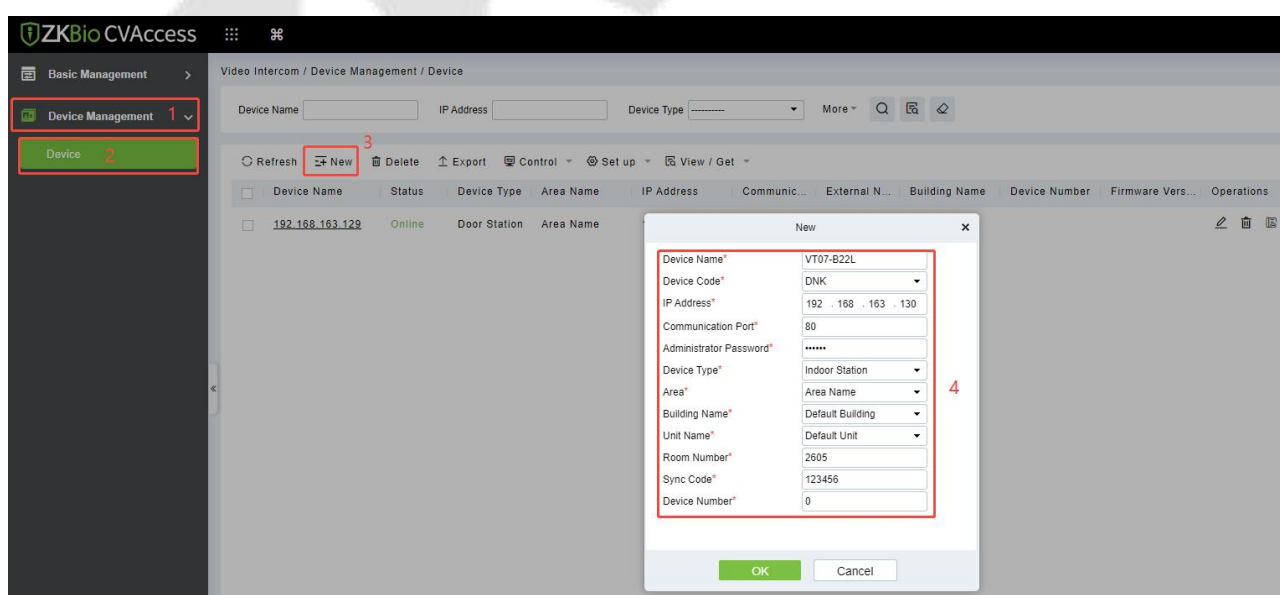
The specific installation and activation steps of the ZKBio CVConnect client can refer to ZKBio Zexus Mobile App User Manual.

26.2.2 Add Device

1. Add the device to the **Access** Module of the software. Then the device will be automatically synchronized to the **Video Intercom** module. (The adding method can refer to [22 Connect to ZKBio CVAccess Software](#))

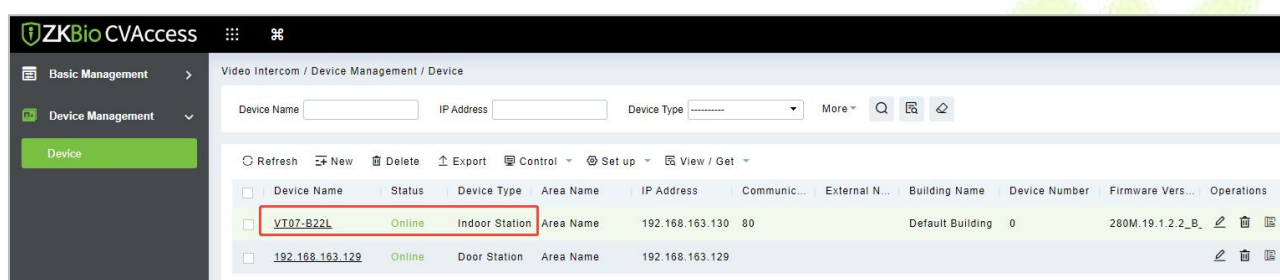


2. Click **Video Intercom > Device Management > Device > New** to add the indoor monitor.



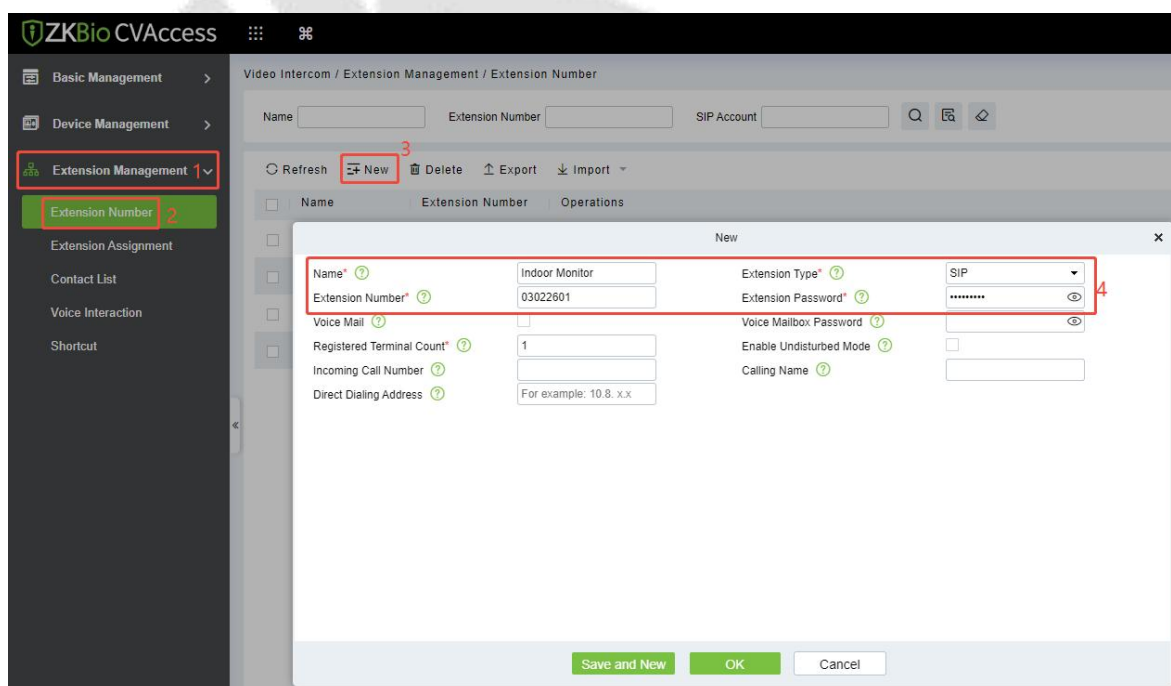
- **Device Name:** Enter the name of the indoor monitor.

- **Device Code:** Set as DNK.
 - **IP Address:** Enter the IP address of the indoor monitor.
 - **Communication Port:** 80 by default.
 - **Administrator Password:** 123456 by default.
 - **Device Type:** Set as Indoor Station.
 - **Area/ Building Name/Unit Name:** Select from the drop-down list.
 - **Room Number:** Customize the number of the indoor monitor.
 - **Sync Code:** Can be customized by the user. (It is used when a resident has multiple indoor monitors. The indoor monitors which have the same Sync Code will be called at the same time.)
 - **Device Number:** The setting range is 0-9. For example, if there is only one indoor monitor in the room, the device number will be 0. If there are two units, one will be 0 and the other will be 1, and so on.
- After the addition is successful, the indoor monitor will be displayed in the device list.



26.2.3 Create Extension Numbers

Click **Video Intercom > Extension Management > Extension Number > New** to create extension numbers.



- **Name:** Customize the extension name. If it is a residential scene, the name can be set to the room number; if it is an office scene, the name can be set to the work number and name information.
- **Extension Type:** SIP by default.
- **Extension number:** Customize the extension number, it can be up to 8-digit; for example, the number of Room 401, Unit 2, Building 1 can be defined as 01020401 for quick internal identification.
- **Extension Password:** User's SIP account password, which can be used to request account registration from the SIP service.
- **Registered Terminal Count:** The maximum number of terminals that a user can register to the same number. When the number of concurrent registrations is 1, it means that new registrations are allowed to preempt the registration address. When the number of concurrent registrations is 2 or more, new registrations will be automatically blocked once the number of registrations reaches the limit.

After the user creates the extension number, the system will automatically generate a SIP account. For example, assuming the user has created the extension number 322603, the system automatically generates the SIP account as 661, so the SIP User Name used on the terminal is 661.

Note:

- 1) The SIP Account column is hidden by default. You can right-click the row which Operations is in and check the SIP Account to display it.

The screenshot shows the ZKBio CVAccess web interface. On the left is a sidebar with navigation options: Basic Management, Device Management, and Extension Management (which is expanded to show Extension Number, Extension Assignment, Contact List, Voice Interaction, and Shortcut). The main area is titled 'Video Intercom / Extension Management / Extension Number'. It contains search filters for Name, Extension Number, and SIP Account. Below these are action buttons: Refresh, New, Delete, Export, and Import. A table displays the following data:

☐	Name	Extension Number	SIP Account	Operations
☐	Indoor Monitor	03022601	682	
☐	PC	322606	664	
☐	Mike	322604	662	
☐	F34	322603	661	

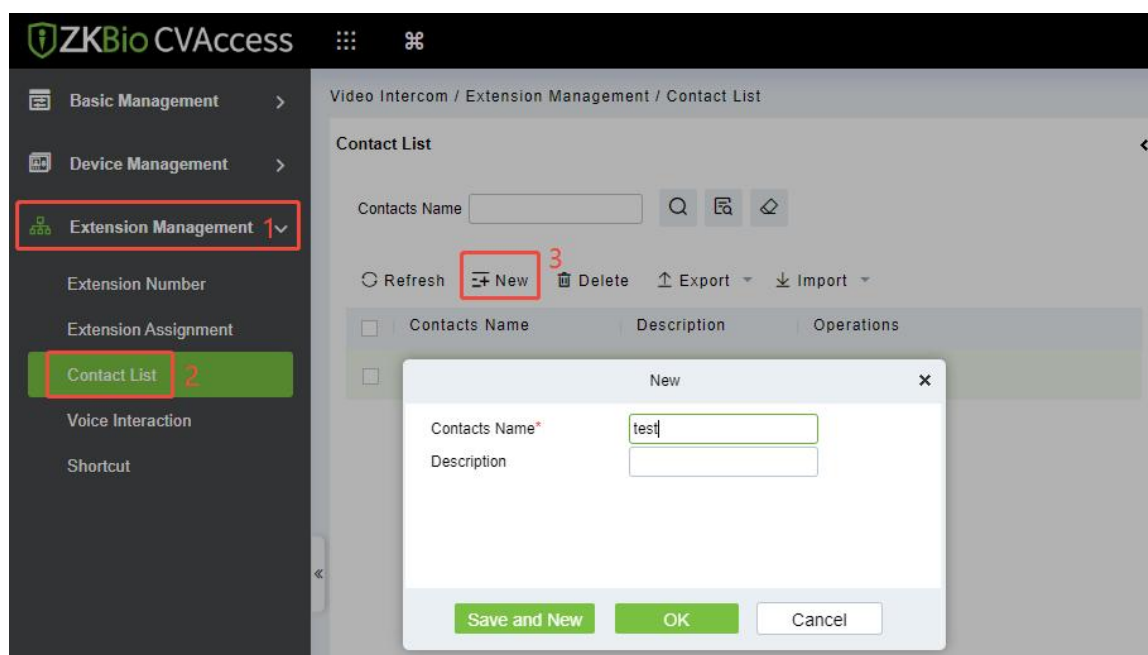
A context menu is open over the 'Operations' column of the last row, showing three options: Name (checked), Extension Number (checked), and SIP Account (checked and highlighted with a red box).

- 2) If you use a PBX, the extension number will be directly used, and the SIP account list will be empty.

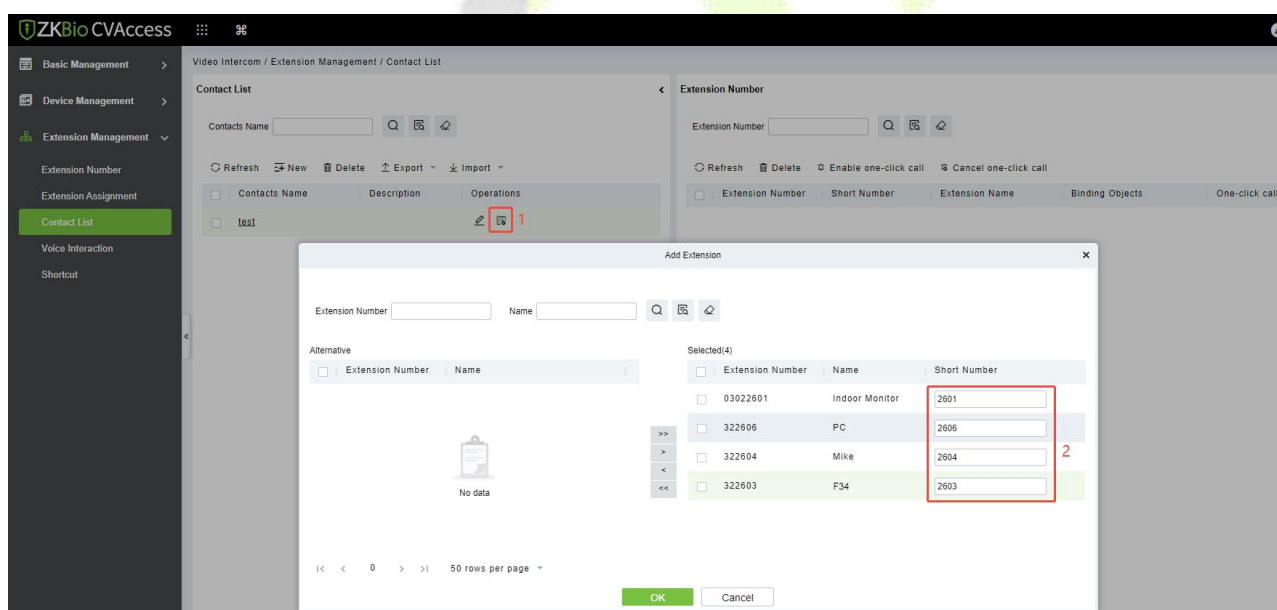
26.2.4 Contact List

If you need to enable different devices or personnel to view a limited number of contacts, you can configure the contact list.

1. Click **Extension Management > Contact List > New** to create a contact list.



2. Click the  icon to add extension numbers to the contact list. During the process of adding extension numbers, you can define a short number for the extension on the right, for example, if the number for Room 1101 is defined as 101. After defining and synchronizing the short number to the device, the device can then dial the short number 101 to call that room.



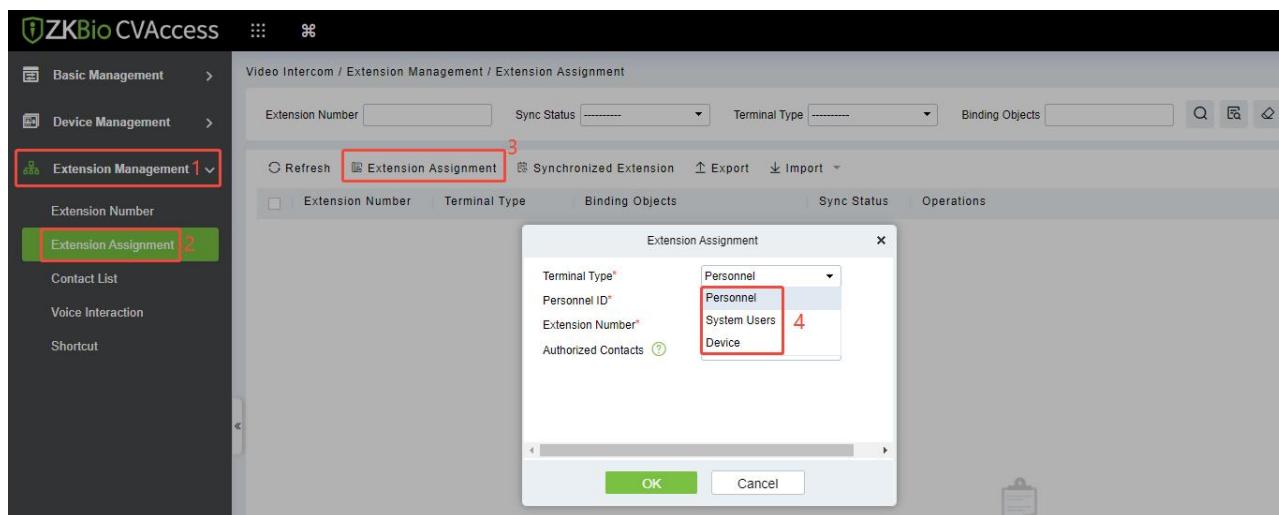
Note:

- 1) If you add an extension number to the contact list without editing the short number, and you wish to edit it later, you will need to delete the extension number from that contacts and then edit it when re-adding, or delete it and use the import function afterward.
- 2) If the device is set to be a fence terminal, please do not define the short number of the indoor monitors. You just need to input the block, unit and room number to call the indoor monitor.

26.2.5 Assignment of Extension Numbers and SIP Accounts

The extension number or SIP account can be assigned to personnel, devices or system users. After allocation, personnel and users' APP will be able to directly use video intercom for communication. The device can also be used directly without manual additional configuration.

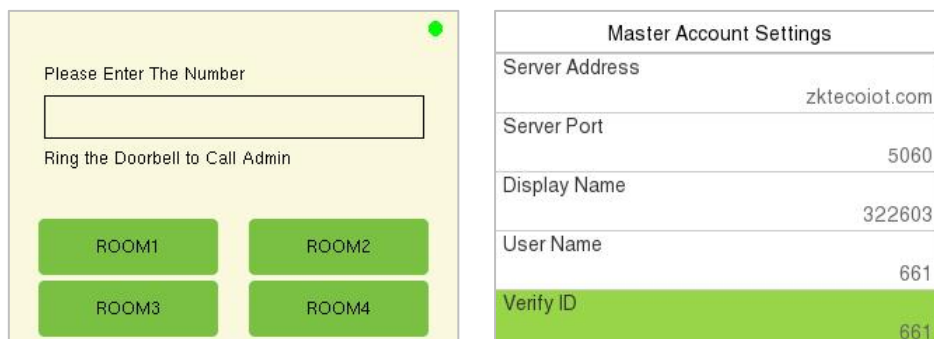
Click **Extension Management > Extension Assignment > Extension Assignment**, select the Terminal Type.



- **Device Account Assignment**

1. Select the Terminal Type as **Device**.
2. Select the device need to be bound (device or indoor monitor) and the extension number. The account information will be automatically synchronized to the device. Select the Authorized Contacts to assign the contact list to the device; only after the assignment can the device call room numbers/short numbers or make calls through the contact list search.

3. After successful assignment, a green dot will appear in the upper right corner of the call page, indicates that the device is connected to the server. You can also enter **[Intercom] > [SIP Settings] > [Local Settings] > [Primary Account Settings]** to see that SIP server and account information have been automatically written, as shown in the following figure.



The figure shows two parts: a call page on the left and a 'Master Account Settings' table on the right.

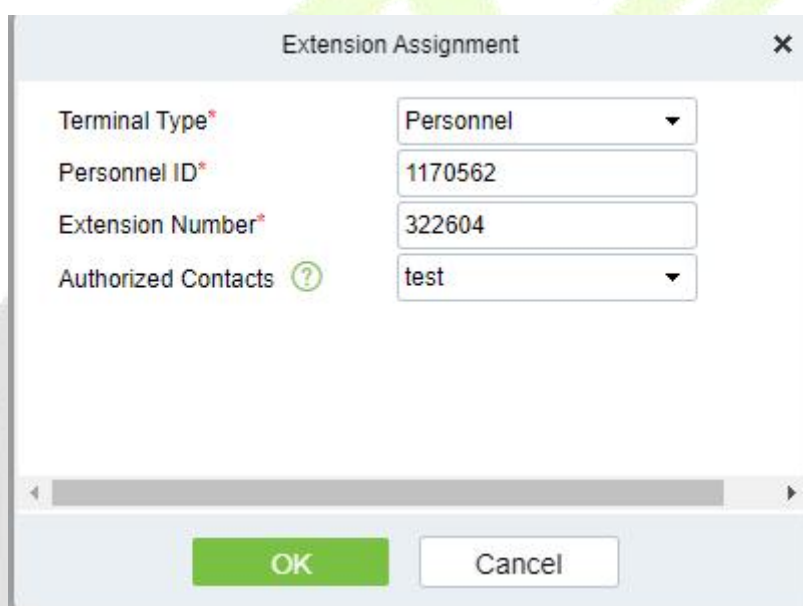
Call Page: A yellow box with a green dot in the top right corner. It contains the text 'Please Enter The Number' above a text input field, and 'Ring the Doorbell to Call Admin' below it. At the bottom, there are four green buttons labeled 'ROOM1', 'ROOM2', 'ROOM3', and 'ROOM4'.

Master Account Settings Table:

Master Account Settings	
Server Address	zktectoiot.com
Server Port	5060
Display Name	322603
User Name	661
Verify ID	661

- **Personnel Account Assignment (ZKBio Zexus App)**

1. Select the Terminal Type as **Personnel**.
2. Select the person to be assigned an account and the extension number. Select the Authorized Contacts to assign the contact list to the individual, and after the assignment, the individual can view the contacts in the contact list upon logging into the ZKBio Zexus App.



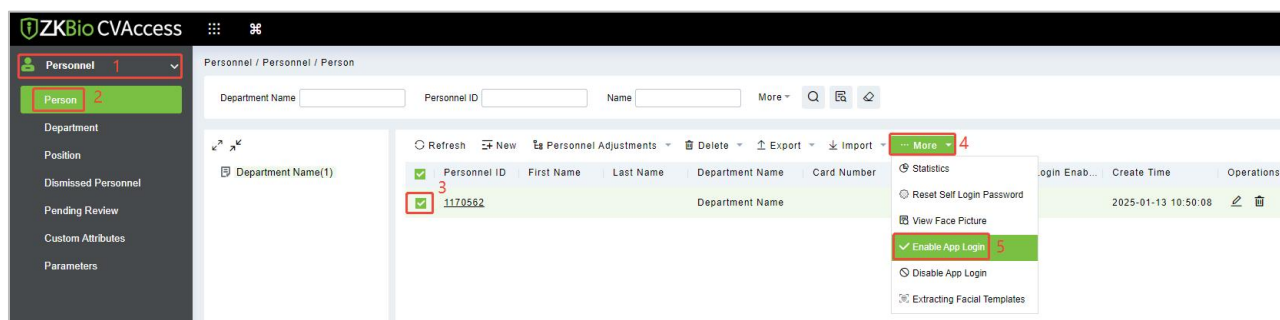
The figure shows a dialog box titled 'Extension Assignment' with a close button (X) in the top right corner. It contains the following fields:

- Terminal Type***: A dropdown menu with 'Personnel' selected.
- Personnel ID***: A text input field containing '1170562'.
- Extension Number***: A text input field containing '322604'.
- Authorized Contacts ?**: A dropdown menu with 'test' selected.

At the bottom of the dialog box, there are two buttons: 'OK' (green) and 'Cancel' (white).

Note:

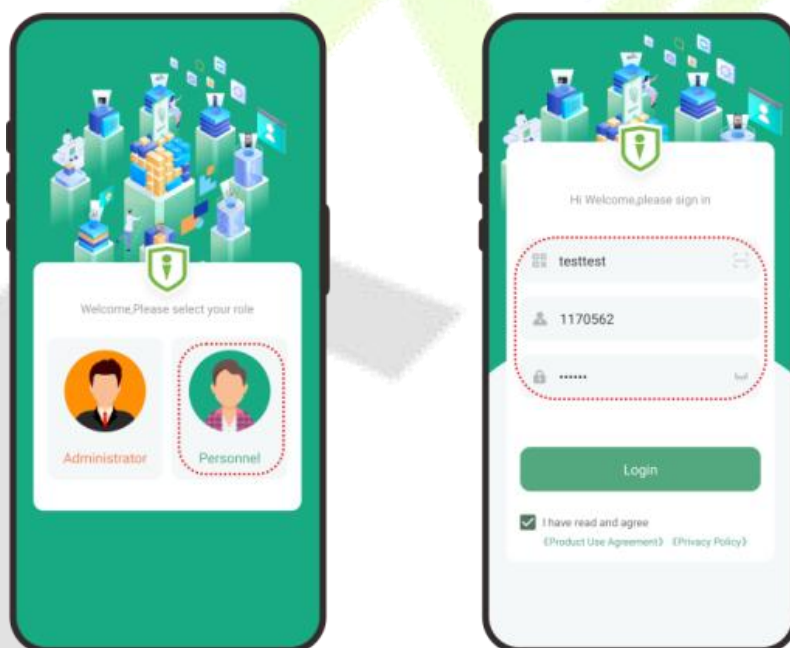
- 1) Before assign account to the personnel, you need first add personnel in ZKBio CVAccess. The adding method can refer to [20 Connect to ZKBio CVAccess Software](#).
- 2) The personnel need to enable APP Login. (Click **Personnel > Personnel > Person > More > Enable APP Login**.) Once a person has enabled APP login, they can directly access the Video Intercom feature upon logging into the App.



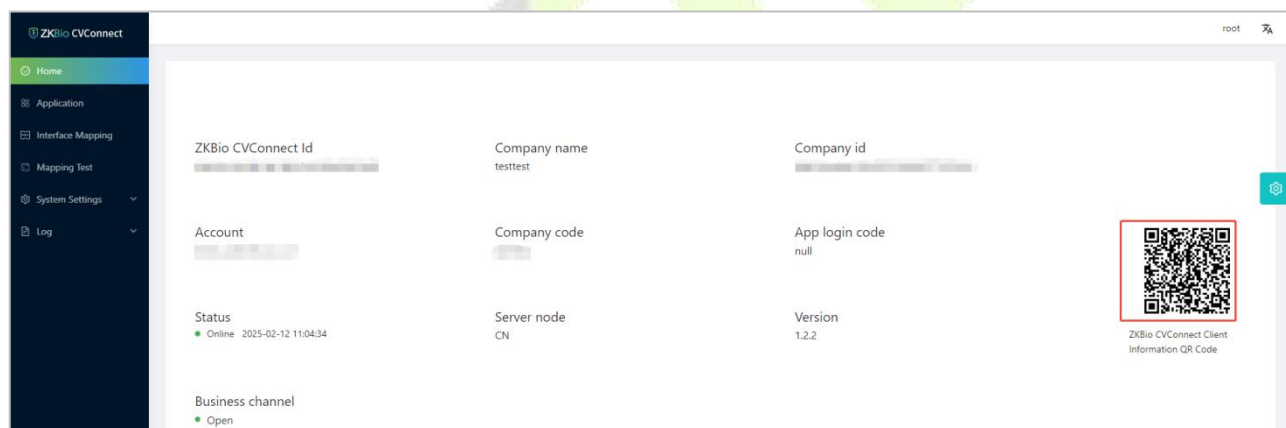
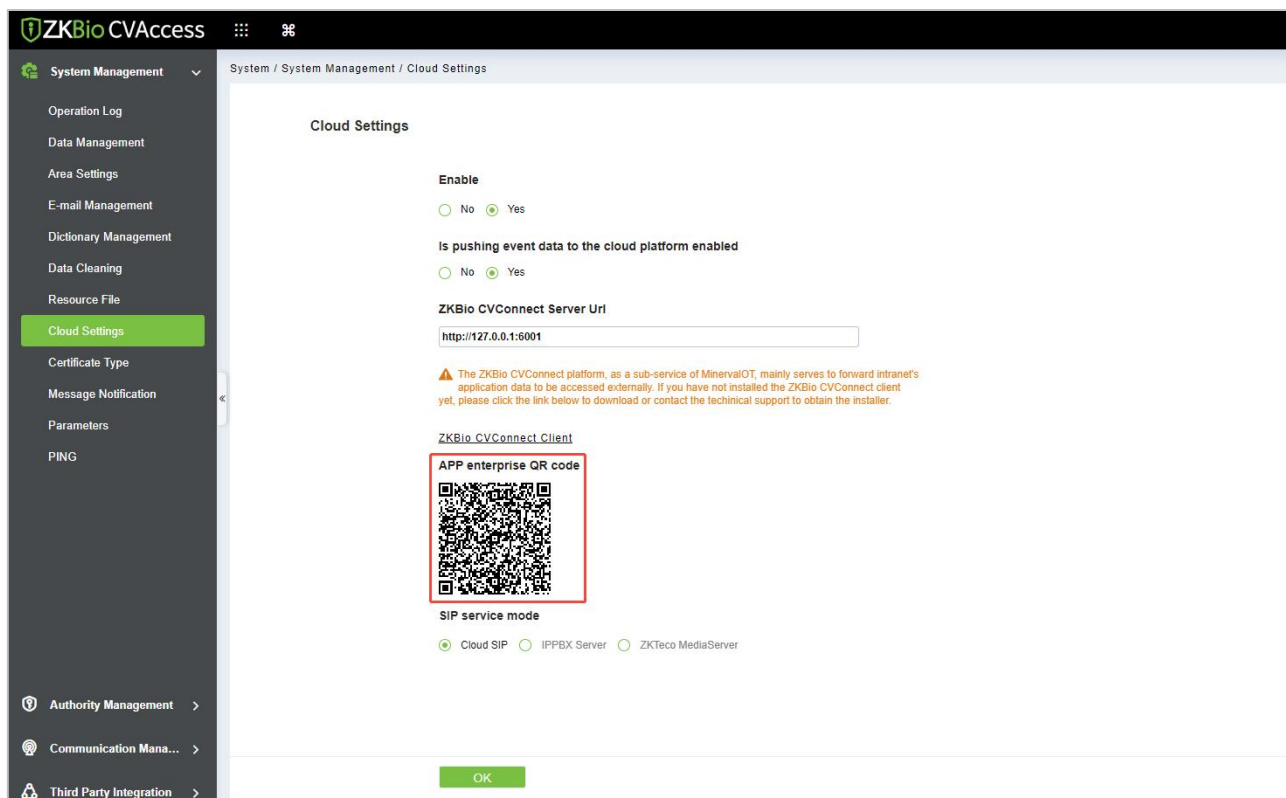
- 3) You can click the  icon at the right top corner of the ZKBio CVAccess interface to scan the QR code to install the ZKBio Zexus App.



3. After successful assignment, the personnel can login to the App. Select the role-**Personnel**, enter the account information, and click **Login**.

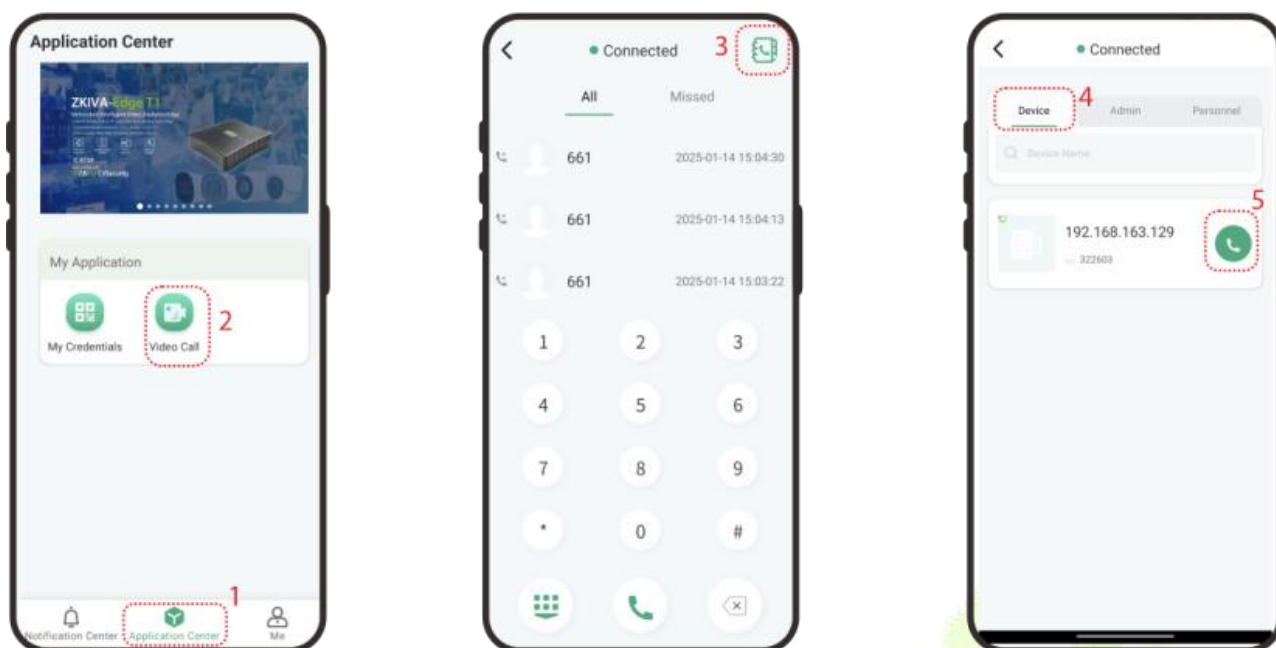


Organization Name: Scan the organization code you get before. (Go to ZKBio CVAccess web, enter **System > System Management > Cloud Setting > APP enterprise QR Code**, or go to ZKBio CVConnect client, scan the ZKBio CVConnect Client Information QR Code.)



Account & Password: The personnel ID & password (default: 123456).

- Click **Application Center > Video Call** to enter the video call application, and the status will be displayed as **Connected**. If the person has not assigned an extension number, entering the application will prompt "you have not assigned an extension number, please contact the administrator". Then you can directly enter the extension number of the device or click the  icon to search for the device and call it.



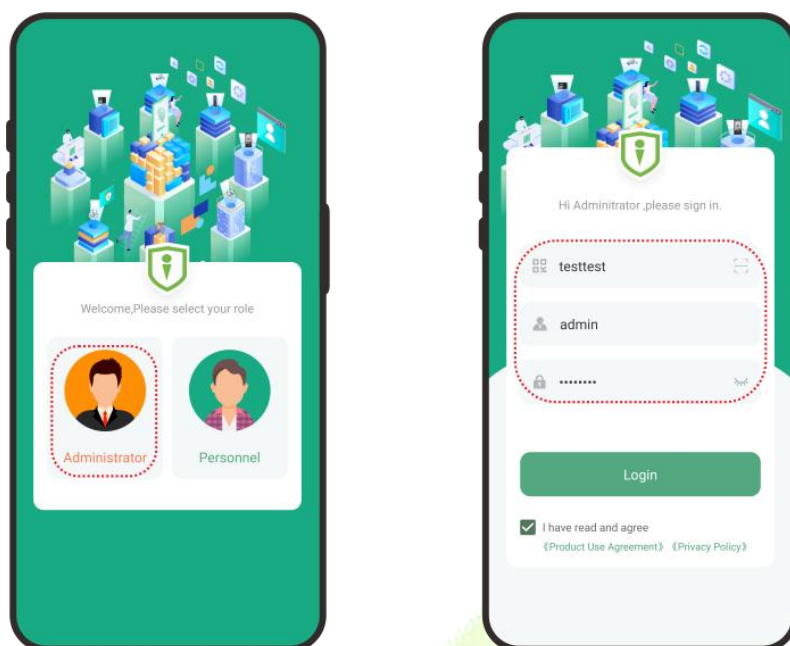
- **System User Account Assignment (ZKBio Zexus App)**

1. Select the Terminal Type as **System Users**.
2. Select the system user to be assigned an account and the extension number. Select the Authorized Contacts to assign the contact list to the admin, and after the assignment, the admin can view the contacts in the contact list upon logging into the ZKBio Zexus App.

3. After successful assignment, the admin can login to the App. Select the role-**Administrator**, enter the account information, and click **Login**.

Organization Name: Scan the organization code you get before.

Account & Password: The administrator account; Same account & password as ZKBio CVAccess.



4. Click **Application Center** > **Video Call** to enter the video call application, and the status will be displayed as **Connected**. Then you can directly enter the extension number of the device or click the  icon to search for the device and call it.



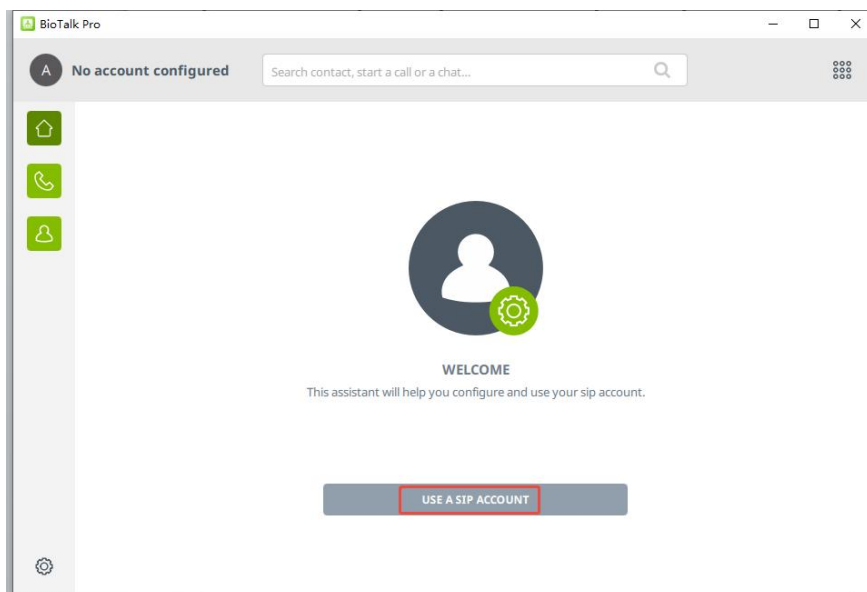
The App complete operation steps please refer to the ZKBio Zexus Mobile App User Manual.

26.2.6 PC Client Functionality

To use the BioTalk Pro PC client, please contact the appropriate person for an installation package.

Operation Guide

Step 1: Configure the SIP account: Click **USE A SIP ACCOUNT** button.



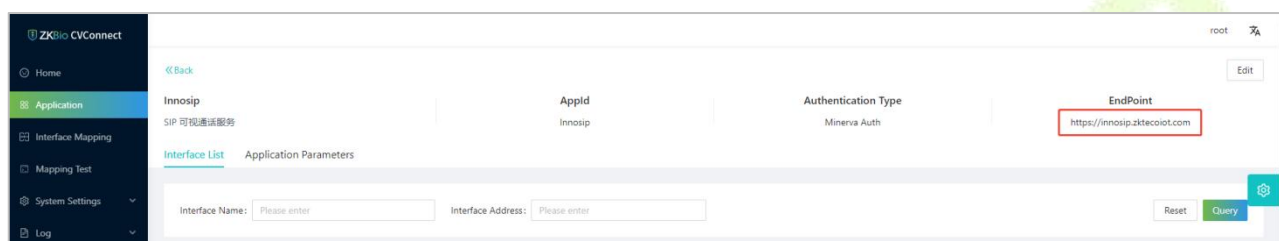
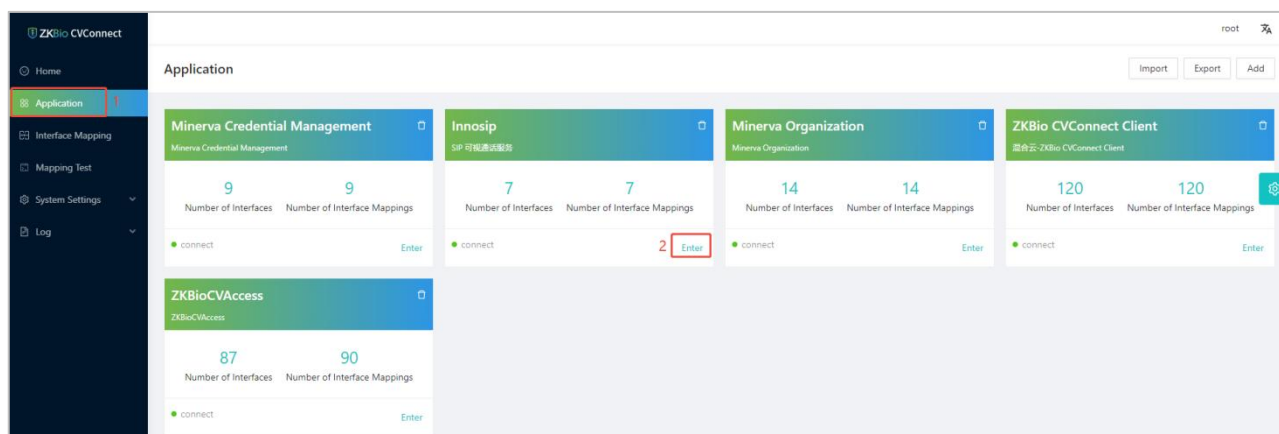
Step 2: Fill in the SIP account information in order and click **USE**.

 The screenshot shows the 'USE A SIP ACCOUNT' configuration screen. It contains the following fields:

- Username:** A text box containing '664'.
- Display name (optional):** A text box containing '322606'.
- SIP Domain:** A text box containing 'zktecoiot.com'.
- Password:** A text box with masked characters (dots).
- Transport:** A dropdown menu currently showing 'TLS'.

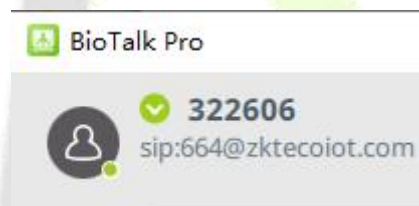
 At the bottom right, there are two buttons: 'BACK' and 'USE'.

- **Username:** Enter the SIP account. (**Note:** You need to create a new SIP account for the PC client in ZKBio CVAccess, then you can use the account to login to the PC client.)
- **Display Name:** It is the extension number.
- **SIP Domain:** The SIP Server Domain. (Go to ZKBio CVConnect client, click **Application > Innosip > Enter**, the EndPoint address is "https://innosip.zktecoiot.com". Then 'zktecoiot.com' is the actual SIP server domain you need to enter on the PC Client.)



- **Password:** The extension password of the SIP account for PC client.
- **Transport:** Transportation Protocol, TLS by default.

Wait 1 minute until the status shows Connected, as shown below:

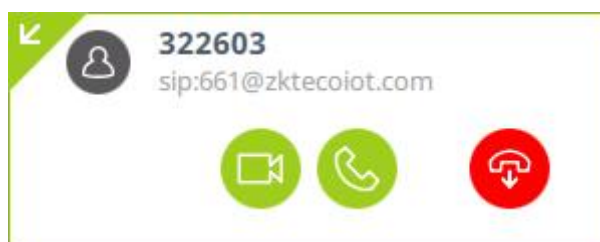


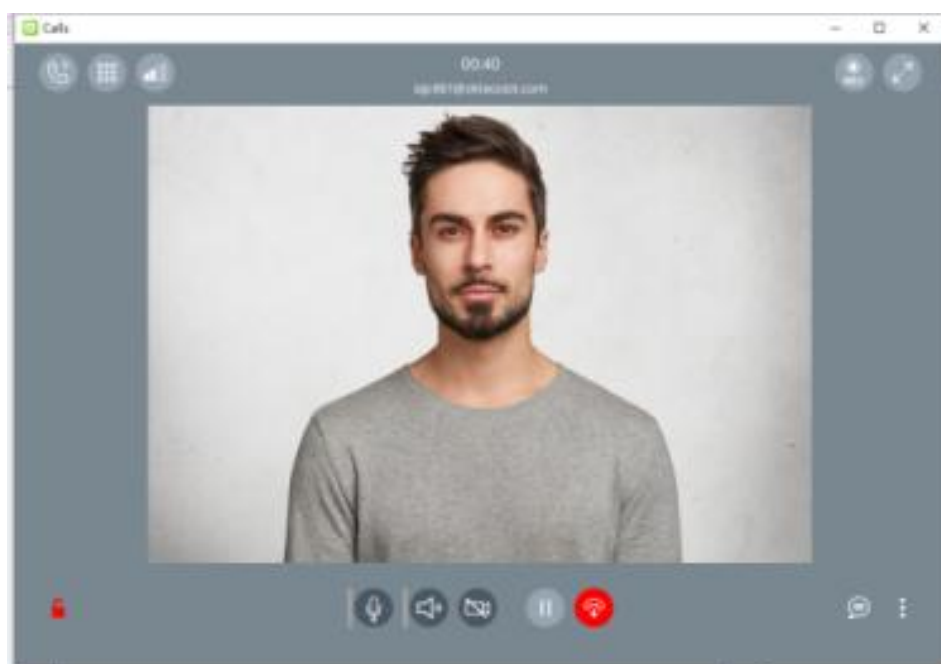
Note: In the Cloud SIP mode, if dialing is required, the PC Client should dial directly to the target SIP account. For example, if the extension number created on ZKBio CVAccess is 322603, the corresponding generated SIP account is 661, then the PC Client should dial 661 when making a call. Therefore, it is recommended to directly create a contact in the address book with the number 661.

At this point you can start to use it normally, the PC client, the device and the App can call and answer each other.

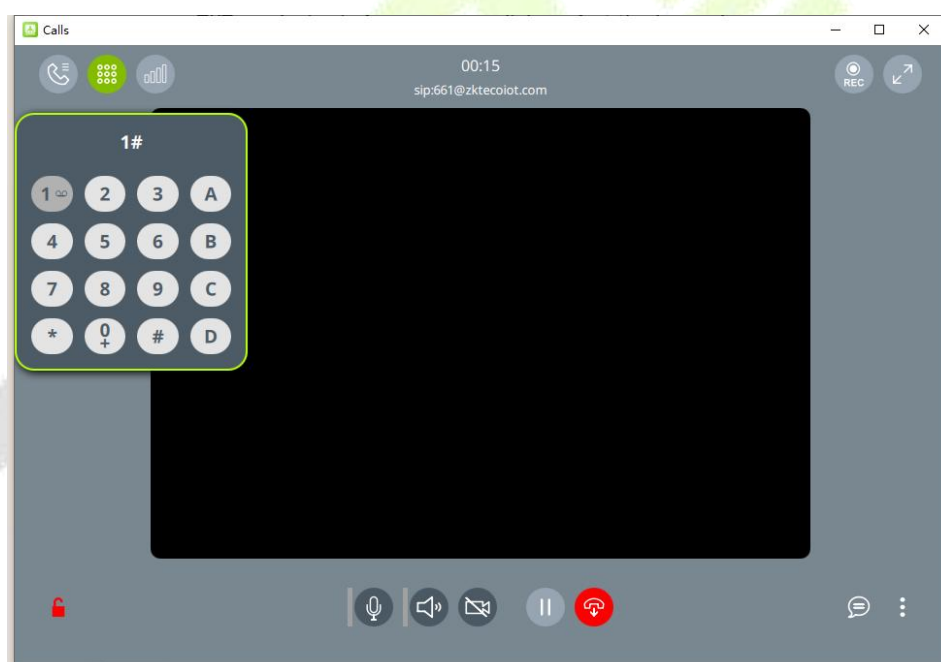
When the PC Client receives a call, a window alert will pop up in the lower right corner of the desktop.

Click the  icon to accept it.





You can open the door by clicking on the keypad and entering the DTMF value of the device, e.g. the default value of ZKTeco device is 1, so you can click on 1 at the keypad.

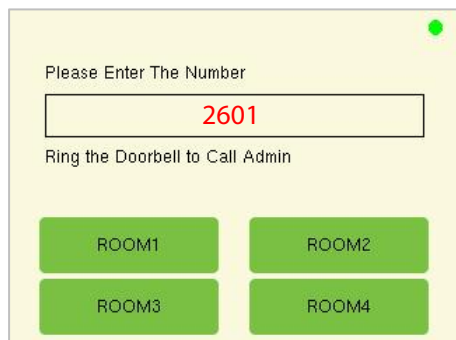


26.2.7 Make a Call

Two-way calls can be made between the device, indoor monitor, ZKBio Zexus App, and PC client (BioTalk Pro).

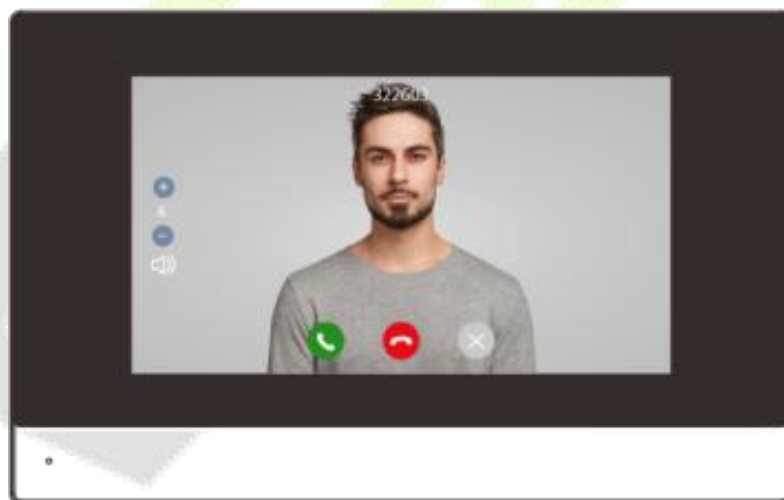
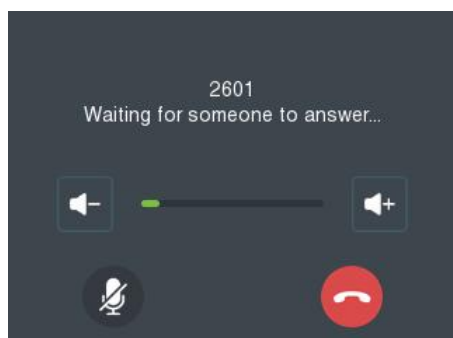
- **Device Call the Indoor Monitor (VT07-B26L-W / VT07-B22L)**

1. Add the indoor monitor on the ZKBio CVAccess software, then assign an extension number to the indoor monitor. (The operations steps can refer to [26.2.2 Add Device](#) and [26.2.5 Assignment of Extension Numbers and SIP Accounts](#))
2. Press the  key on the device and enter the Short Number of the indoor monitor in the pop-up interface of the device. Or press the **Up** key on the call page to open the contact list and search for the indoor monitor to call it.



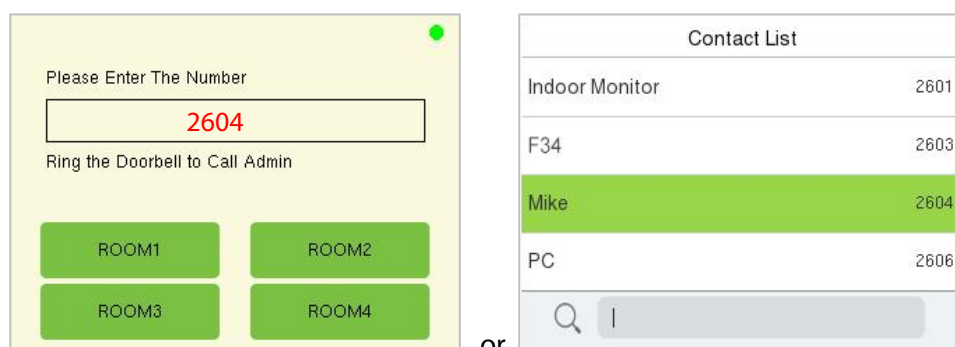
or

Contact List	
Indoor Monitor	2601
F34	2603
Mike	2604
PC	2606
I	



• Device Call the Phone (ZKBio Zexus App)

1. On the ZKBio CVAccess software, assign an extension number to the personnel. (The operations steps can refer to [23.2.5 Assignment of Extension Numbers and SIP Accounts](#))
2. Press the  key on the device and enter the Short Number of the personnel in the pop-up interface of the device. Or press the **Up** key on the call page to open the contact list and search for the personnel to call him/her.

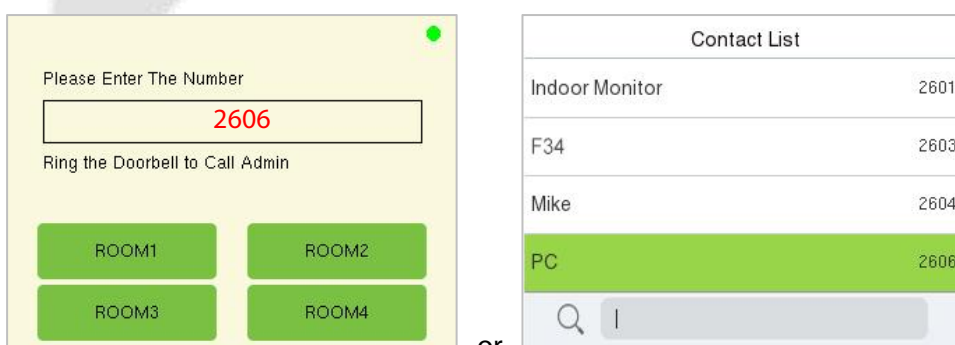


or

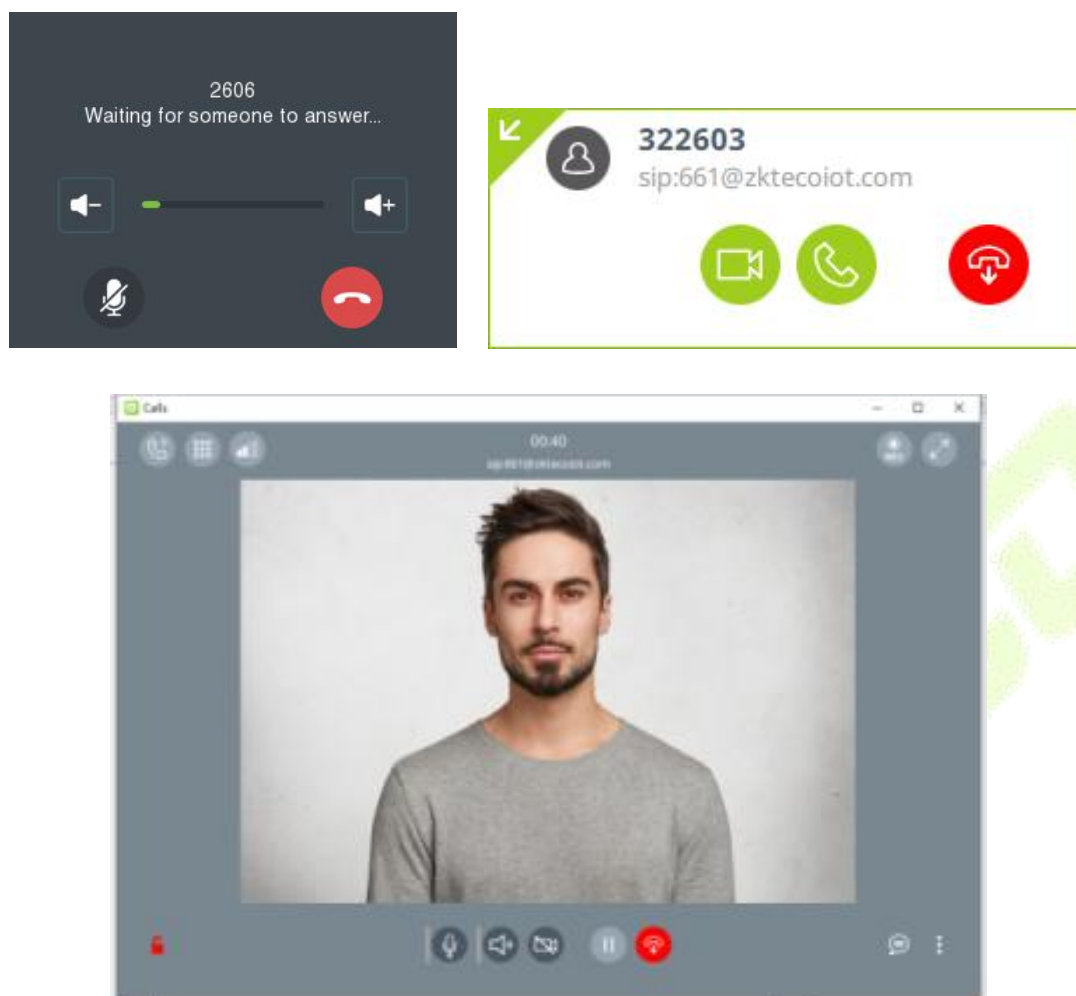


- **Device Call the PC Client (BioTalk Pro)**

1. Install the BioTalk Pro software and configure the SIP account. (The operations steps can refer to [26.2.6 PC Client Functionality](#))
2. Press the  key on the device and enter the Short Number of the PC client in the pop-up interface of the device. Or press the **Up** key on the call page to open the contact list and search for the PC client to call it.

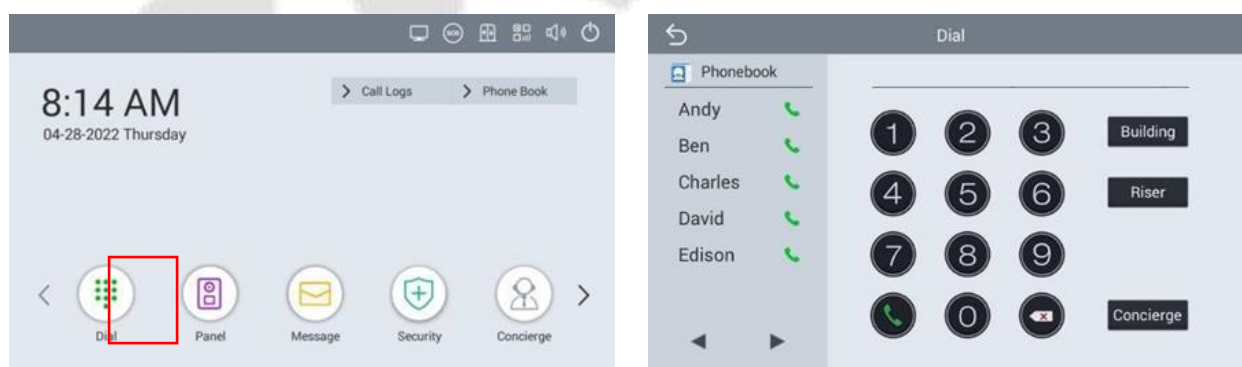


or



- **Indoor Monitor Call**

Click the **Dial** icon, then enter the SIP Account to make a call.



Note: The indoor monitor is not supported the assignment of the contact list in ZKBio CVAccess.

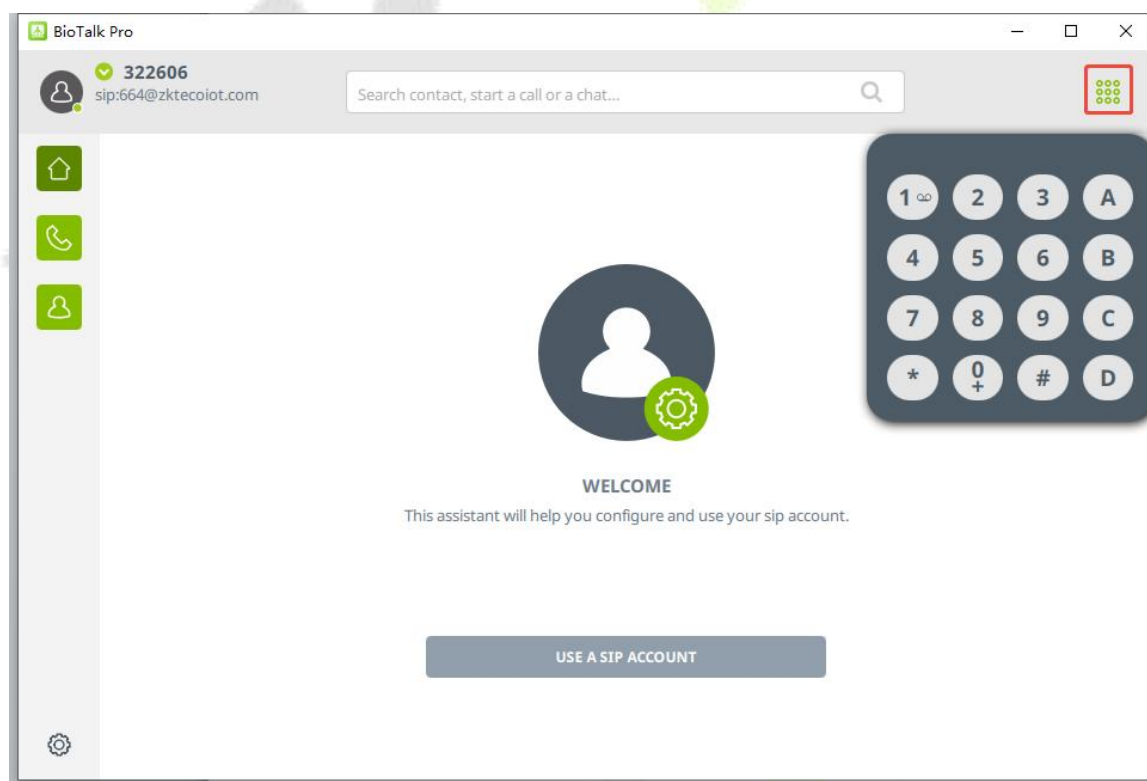
- **Phone Call**

Login to the ZKBio Zexus App, click **Application Center** > **Video Call** to enter the video call application, Then you can directly enter the extension number or click the  icon to search for the one you want to call.

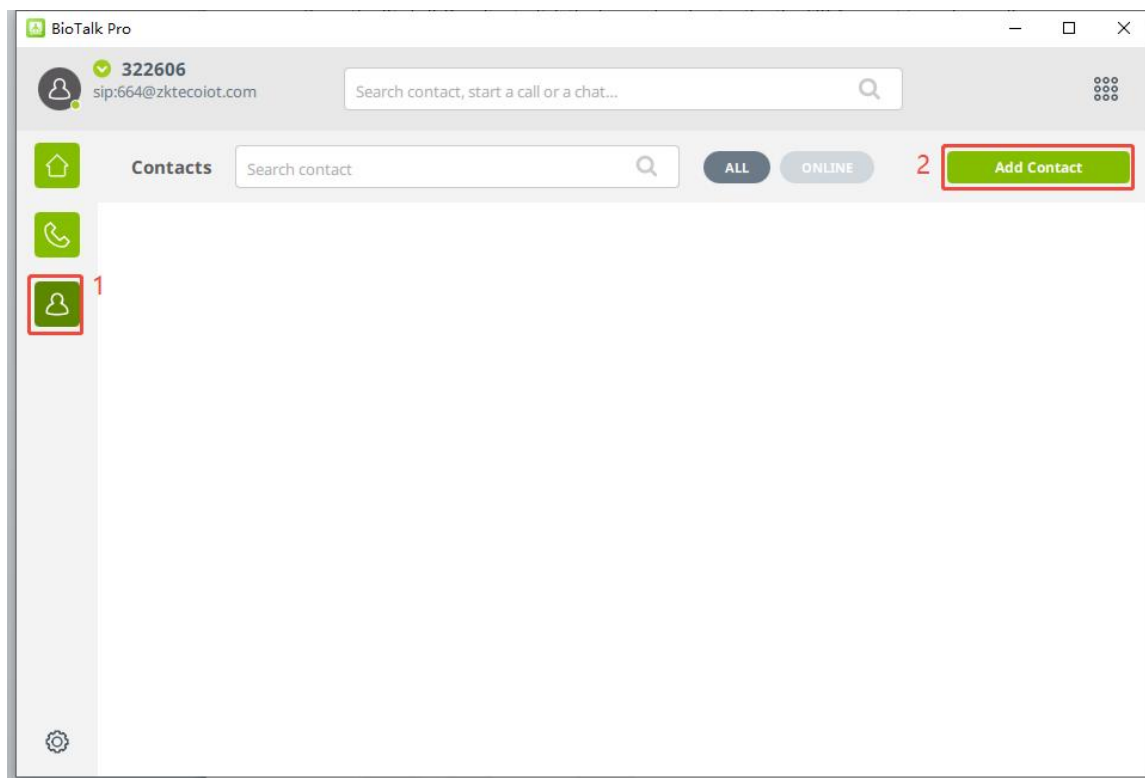


- **PC Client (BioTalk Pro) Call**

Open the BioTalk Pro client, click the keypad and enter the the SIP Account to make a call.



You can click the  icon > **Add Contact** to add the contact list manually.



Appendix 1

Privacy Policy

Notice:

To help you better use the products and services of ZKTeco and its affiliates, hereinafter referred as "we", "our", or "us", the smart service provider, we consistently collect your personal information. Since we understand the importance of your personal information, we took your privacy sincerely and we have formulated this privacy policy to protect your personal information. We have listed the privacy policies below to precisely understand the data and privacy protection measures related to our smart products and services.

Before using our products and services, please read carefully and understand all the rules and provisions of this Privacy Policy. If you do not agree to the relevant agreement or any of its terms, you must stop using our products and services.

I. Collected Information

To ensure the normal product operation and help the service improvement, we will collect the information voluntarily provided by you or provided as authorized by you during registration and use or generated as a result of your use of services.

- 1. User Registration Information:** At your first registration, the feature template (Fingerprint template/Face template/Palm template) will be saved on the device according to the device type you have selected to verify the unique similarity between you and the User ID you have registered. You can optionally enter your Name and Code. The above information is necessary for you to use our products. If you do not provide such information, you cannot use some features of the product regularly.
- 2. Product information:** According to the product model and your granted permission when you install and use our services, the related information of the product on which our services are used will be collected when the product is connected to the software, including the Product Model, Firmware Version Number, Product Serial Number, and Product Capacity Information. **When you connect your product to the software, please carefully read the privacy policy for the specific software.**

II. Product Security and Management

- 1.** When you use our products for the first time, you shall set the Administrator privilege before performing specific operations. Otherwise, you will be frequently reminded to set the

Administrator privilege when you enter the main menu interface. **If you still do not set the Administrator privilege after receiving the system prompt, you should be aware of the possible security risk (for example, the data may be manually modified).**

2. All the functions of displaying the biometric information are disabled in our products by default. You can choose Menu > System Settings to set whether to display the biometric information. If you enable these functions, we assume that you are aware of the personal privacy security risks specified in the privacy policy.
3. Only your user ID is displayed by default. You can set whether to display other user verification information (such as Name, Department, Photo, etc.) under the Administrator privilege. **If you choose to display such information, we assume that you are aware of the potential security risks (for example, your photo will be displayed on the device interface).**
4. The camera function is disabled in our products by default. If you want to enable this function to take pictures of yourself for attendance recording or take pictures of strangers for access control, the product will enable the prompt tone of the camera. **Once you enable this function, we assume that you are aware of the potential security risks.**
5. All the data collected by our products is encrypted using the AES 256 algorithm. All the data uploaded by the Administrator to our products are automatically encrypted using the AES 256 algorithm and stored securely. If the Administrator downloads data from our products, we assume that you need to process the data and you have known the potential security risk. In such a case, you shall take the responsibility for storing the data. You shall know that some data cannot be downloaded for sake of data security.
6. All the personal information in our products can be queried, modified, or deleted. If you no longer use our products, please clear your personal data.

III. How we handle personal information of minors

Our products, website and services are mainly designed for adults. Without consent of parents or guardians, minors shall not create their own account. If you are a minor, it is recommended that you ask your parents or guardian to read this Policy carefully, and only use our services or information provided by us with consent of your parents or guardian.

We will only use or disclose personal information of minors collected with their parents' or guardians' consent if and to the extent that such use or disclosure is permitted by law or we have obtained their parents' or guardians' explicit consent, and such use or disclosure is for the purpose of protecting minors.

Upon noticing that we have collected personal information of minors without the prior consent from verifiable parents, we will delete such information as soon as possible.

IV. Others

You can visit https://www.zkteco.com/cn/index/Index/privacy_protection.html to learn more about how we collect, use, and securely store your personal information. To keep pace with the rapid development of technology, adjustment of business operations, and to cope with customer needs, we will constantly deliberate and optimize our privacy protection measures and policies. Welcome to visit our official website at any time to learn our latest privacy policy.



Eco-friendly Operation



The product's "eco-friendly operational period" refers to the time during which this product will not discharge any toxic or hazardous substances when used in accordance with the prerequisites in this manual.

The eco-friendly operational period specified for this product does not include batteries or other components that are easily worn down and must be periodically replaced. The battery's eco-friendly operational period is 5 years.

Hazardous or Toxic substances and their quantities

Component Name	Hazardous/Toxic Substance/Element					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr6+)	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Chip Resistor	×	○	○	○	○	○
Chip Capacitor	×	○	○	○	○	○
Chip Inductor	×	○	○	○	○	○
Diode	×	○	○	○	○	○
ESD component	×	○	○	○	○	○
Buzzer	×	○	○	○	○	○
Adapter	×	○	○	○	○	○
Screws	○	○	○	×	○	○

This table is prepared in accordance with the provisions of SJ/T 11364.

○ indicates that the total amount of toxic content in all the homogeneous materials is below the limit as specified in GB/T 26572.

× indicates that the total amount of toxic content in all the homogeneous materials exceeds the limit as specified in GB/T 26572.

Note: 80% of this product's components are manufactured using non-toxic and eco-friendly materials. The components which contain toxins or harmful elements are included due to the current economic or technical limitations which prevent their replacement with non-toxic materials or elements.

Attachment 1

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

"This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter."

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