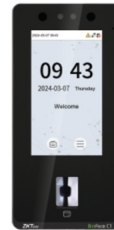




BioFace C1 Multi
Biometric Access
Control Terminal



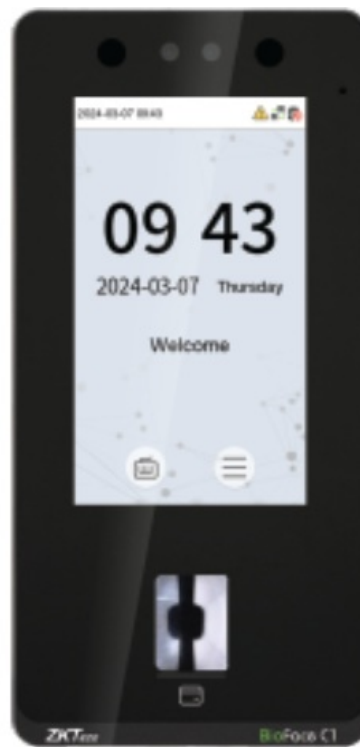
ZKTECO BioFace C1 Multi Biometric Access Control Terminal User Guide

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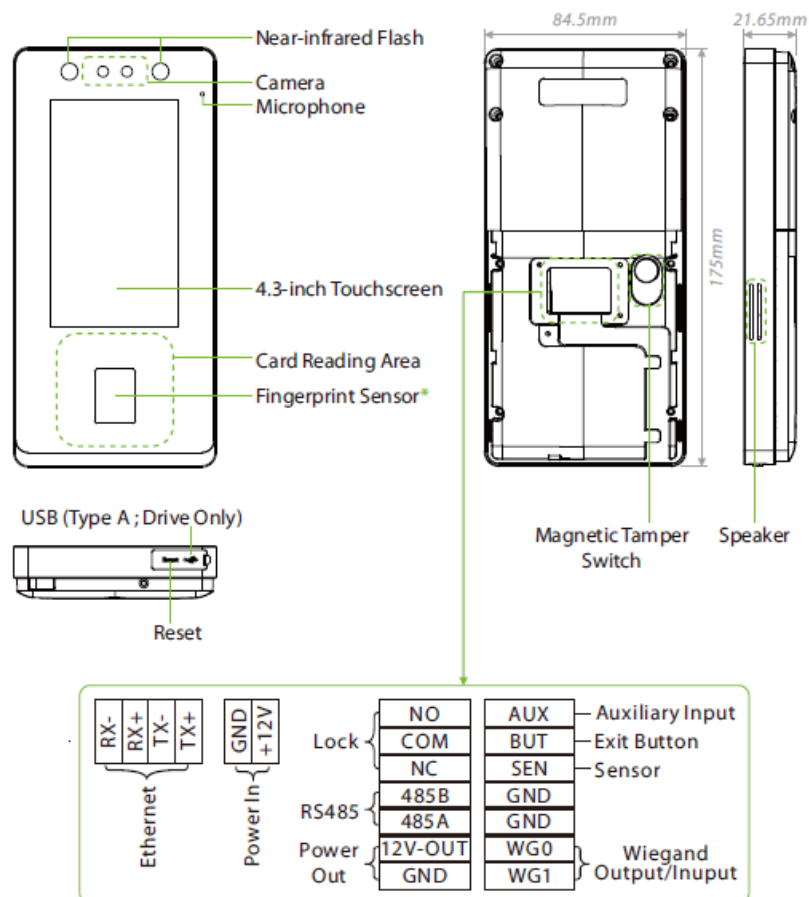
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Overview



Note:

- To ensure the accuracy of fingerprint recognition, please remove the fingerprint sensor protective film before using your fingerprint.
- Not all products have the function with *, the real product shall prevail.

Installation Environment

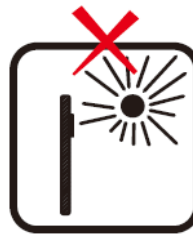
Please refer to the following recommendations for installation:



INSTALL INDOORS
ONLY



AVOID INSTALLATION
NEAR
GLASS WINDOWS



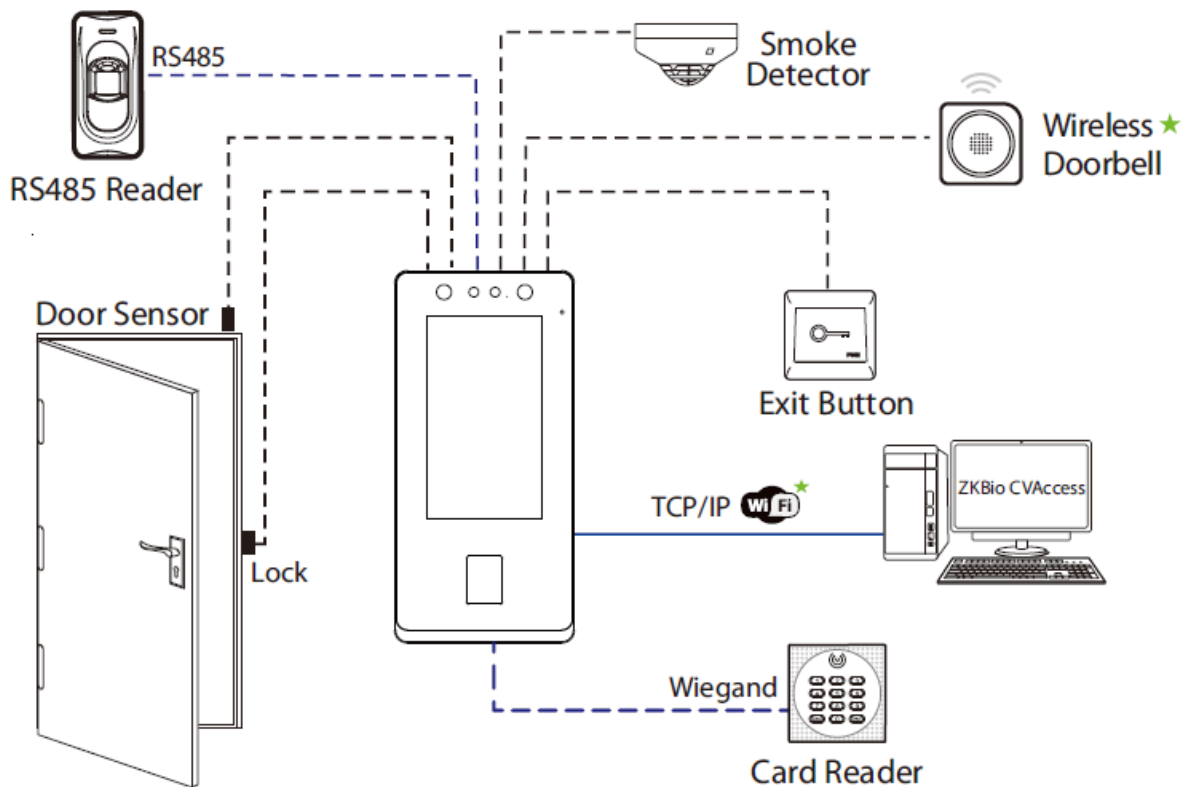
AVOID DIRECT
SUNLIGHT
AND EXPOSURE



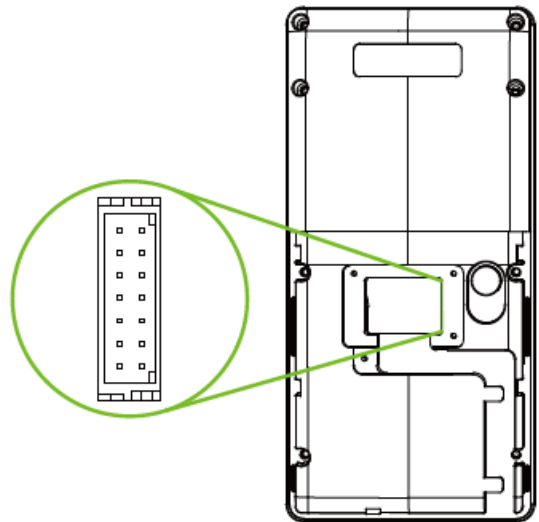
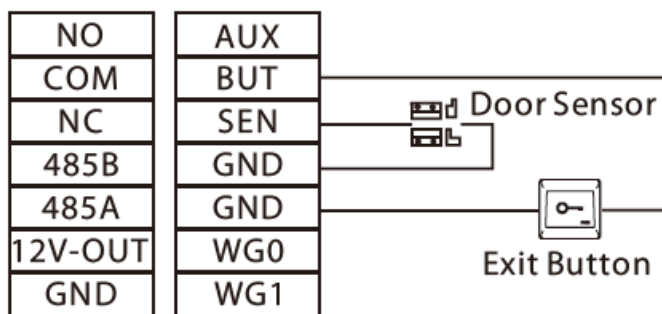
AVOID USE OF ANY
HEAT SOURCE
NEAR THE DEVICE

- Avoid direct contact to sunlight for a long time.
- Protect the BioFace C1 device from moisture, water, and rain.
- Handle the BioFace C1 device with care
- Make sure that the BioFace C1 device is not installed in close proximity to a sea or other environments where metal oxidation and rust may occur if the BioFace C1 device is exposed for a long time.
- Protect the BioFace C1 device from lightning
- Make sure that the BioFace C1 device is not working in an acidic or alkaline environment for a long time.

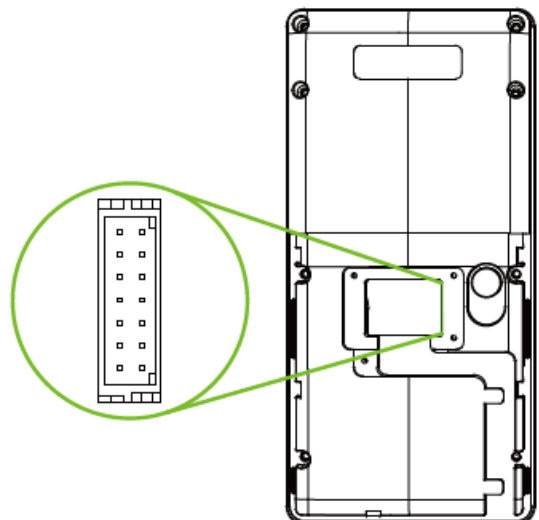
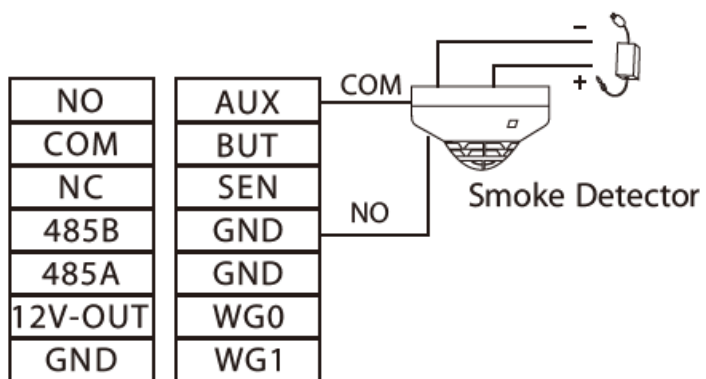
Standalone Installation



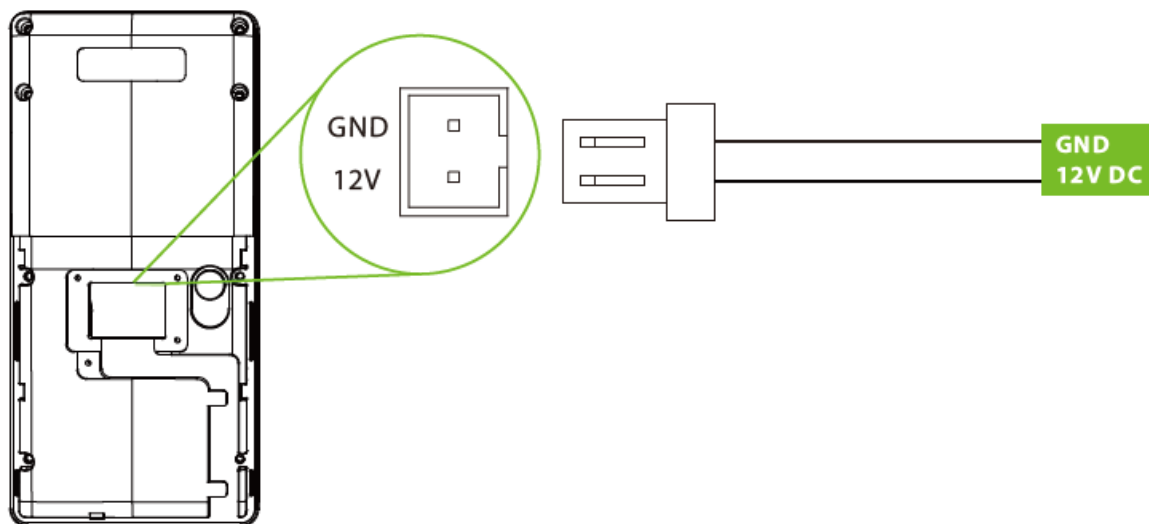
Exit Button and Door Sensor Connection



Smoke Detection Connection



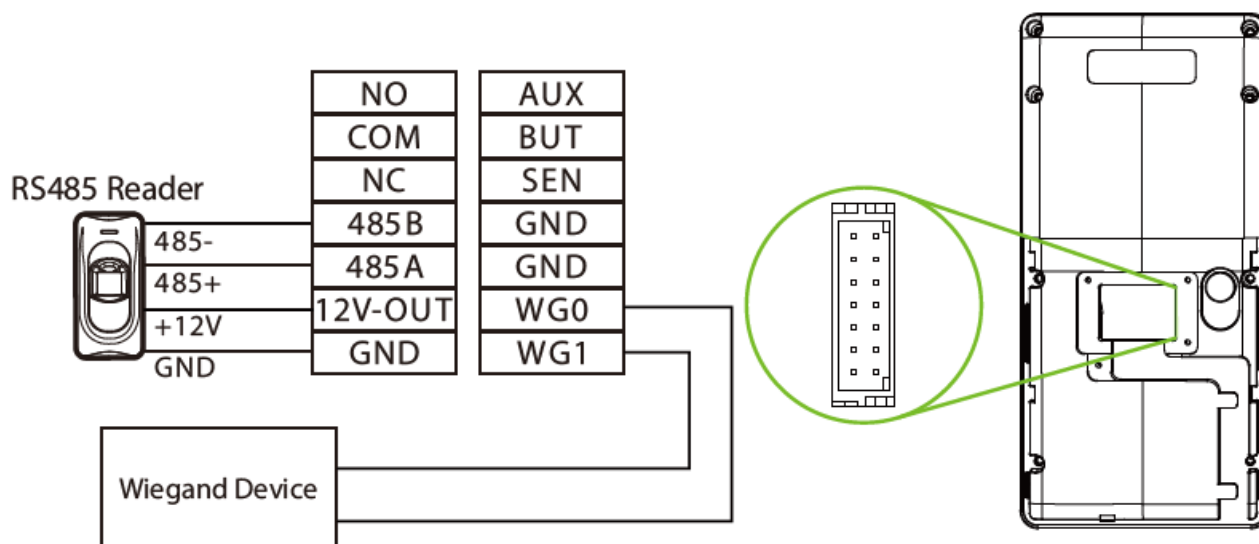
Power Connection



Recommended Power Supply:

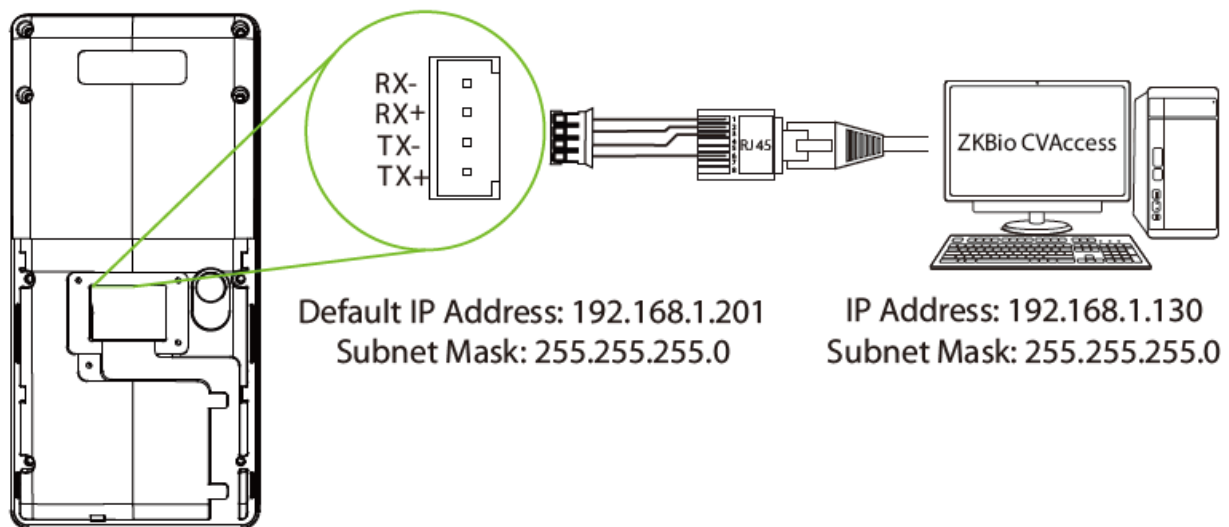
- 12V \pm 10%, at least 3000mA.
- To share power with other devices, use a power supply with higher current ratings.

RS485 and Wiegand Connection



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.

Ethernet Connection



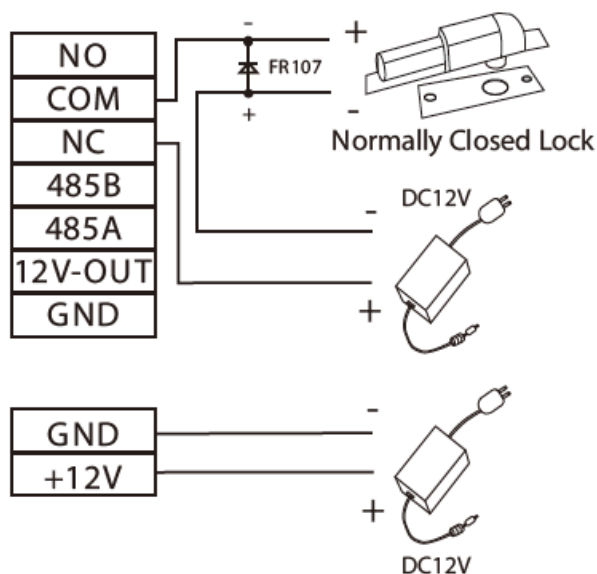
Click COMM. > Ethernet > IP Address on the BioFace C1 device, to input the IP address and then click OK.

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

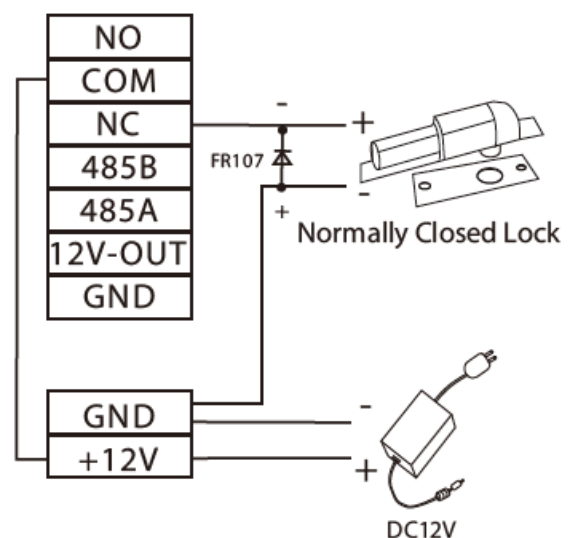
Lock Relay Connection

The system supports Normally Opened Lock and Normally Closed Lock. The NO LOCK (Normally opened at Power On) is connected with “NO1” and “COM” terminals, and the NC LOCK (Normally closed at Power On) is connected with “NC1” and “COM” terminals. Take NC Lock as an example below:


Device not sharing power with the lock:



Device sharing power with the lock:




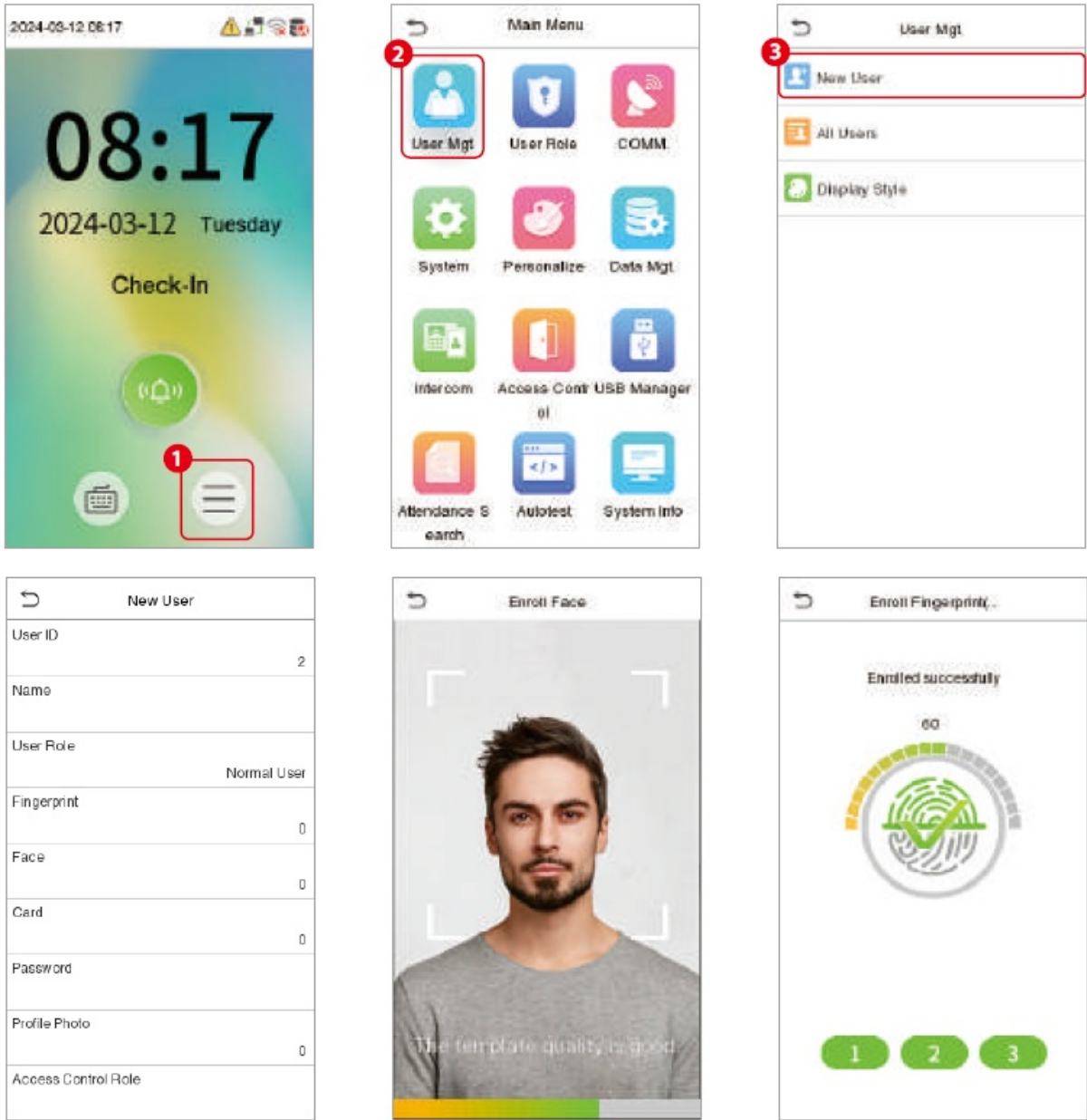
User Registration

When there is no super administrator set in the BioFace C1 device, click  icon to enter the menu. Add a new

user, set their User Role to Super Admin, and the system will request administrator verification before granting access to the menu. It is strongly recommended to register a super administrator initially for security purposes.

Method 1: Register on the BioFace C1 device

Click on  > User Mgt. > New User to register a new user. The options include entering the User ID and Name, Setting User Role, Registering Fingerprint*, Face, Card Number, Password and Adding Profile Photo.

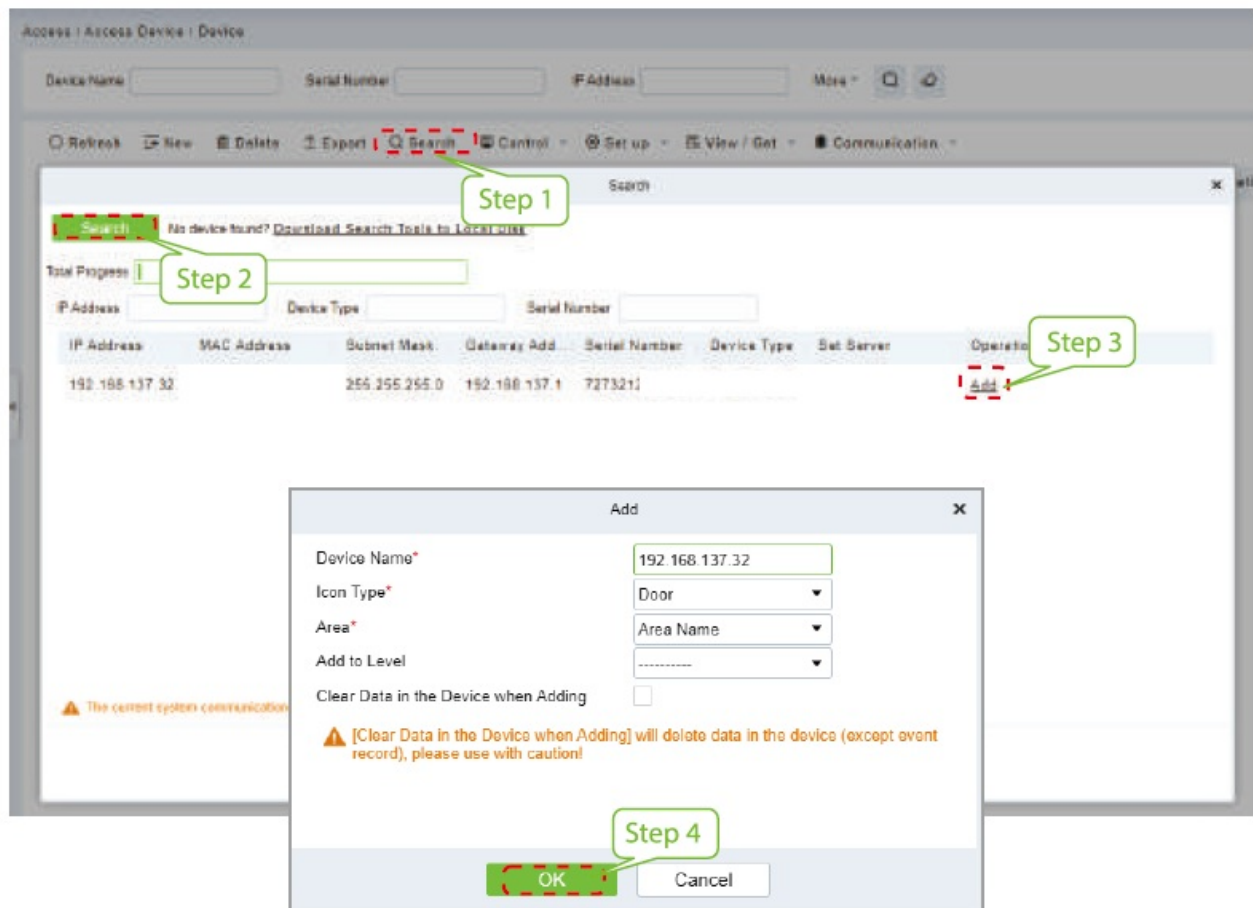


Method 2: Register on ZKBio CV Access Software

Register on the PC

Please set the IP address and cloud service server address, in the Comm. Menu option on the BioFace C1 device.

1. Click Access > Access device > device > Search to search the BioFace C1 device on the software. When an appropriate server address and port are set on the device, the searched devices are displayed automatically.



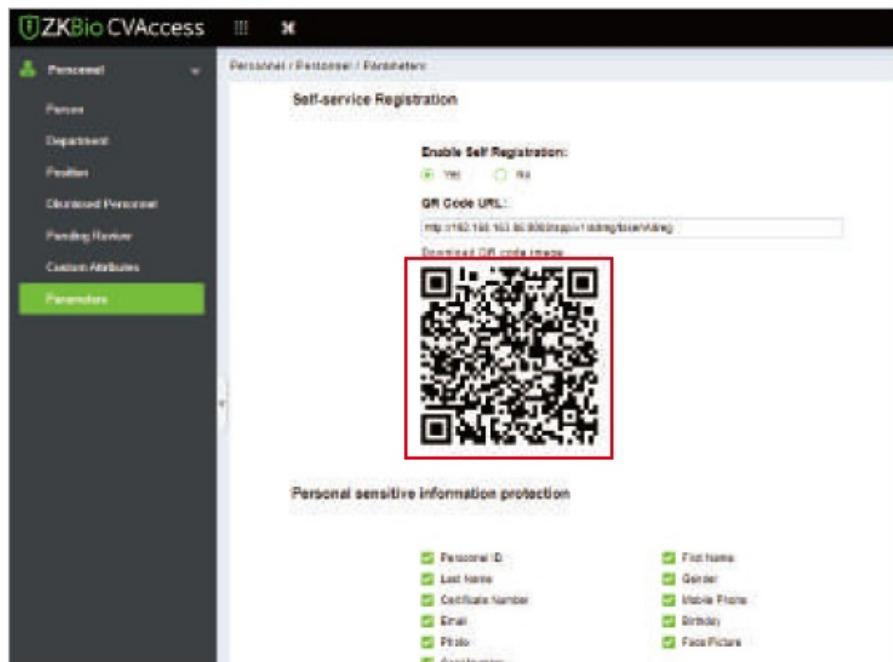
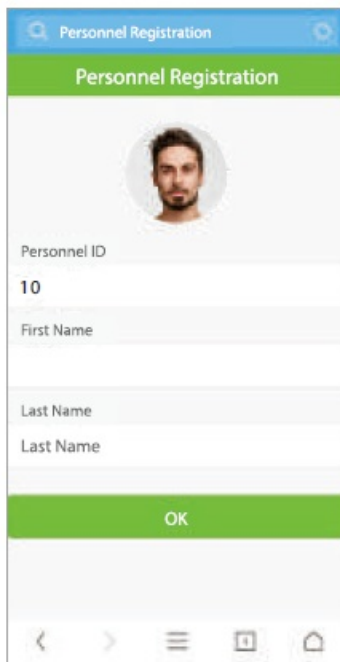
2. Click Add in an operation column, a new window will pop-up. Select Icon type, Area, and Add to Level from each drop downs and click OK to add the device.
3. Click Personnel > Person > New and fill in all the required fields to register new users in the software.
4. Click Access > device > Control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

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

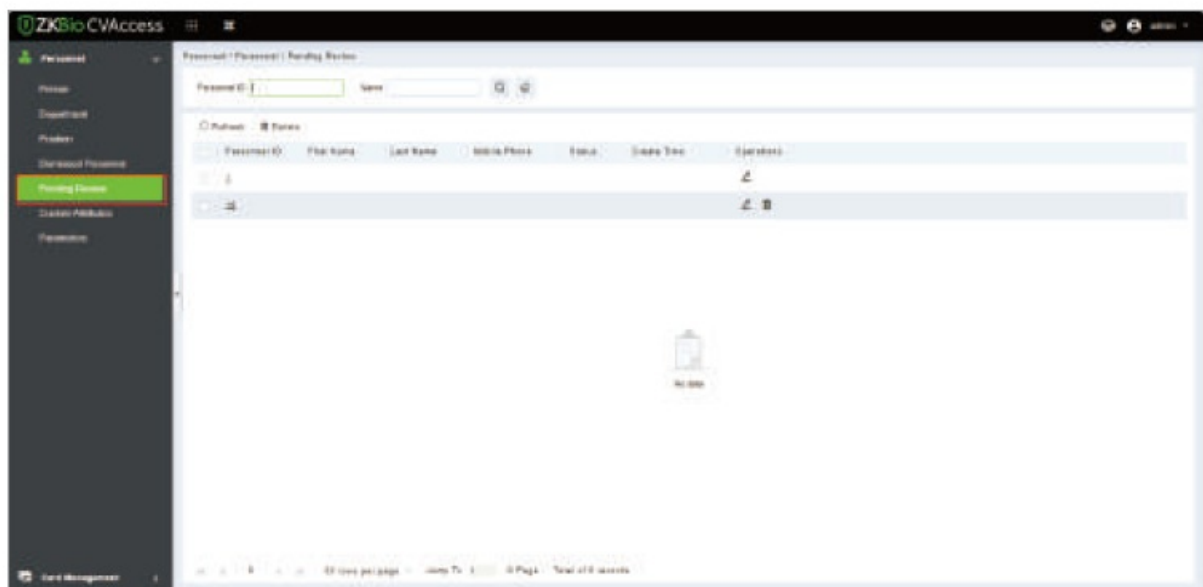
Register on the Phone

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

1. Click Personnel > Parameters, input "http://Server address: Port" in the QR Code URL. The software will automatically generate a QR code. To register users, scan the QR code or log in at 'http://ServerAddress:Port/app/v1/adreg' using a mobile phone.

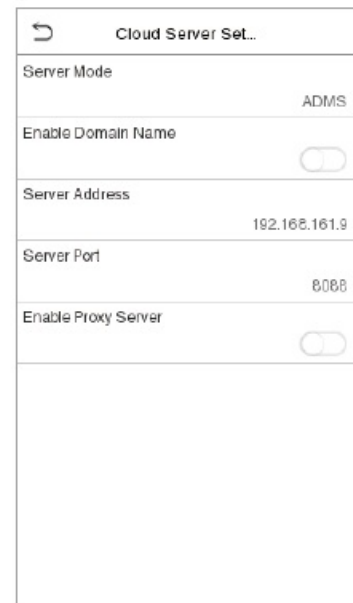
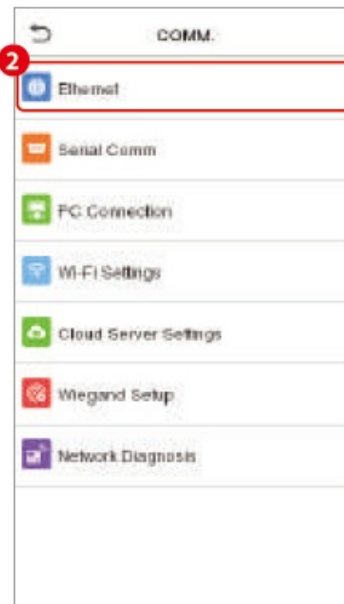
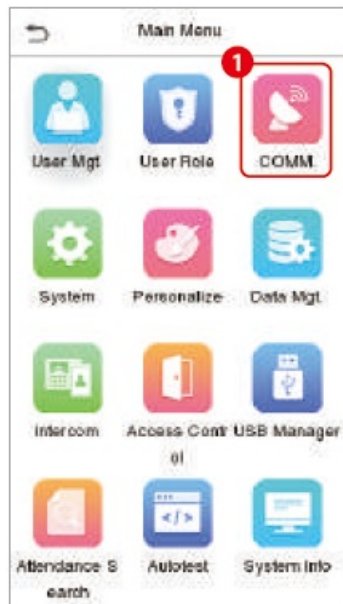


2. The users will be displayed in Personnel > Pending Review.




Ethernet and Cloud Server Settings

- Click on > COMM. > Ethernet to set the network parameters. If the TCP/IP communication of the BioFace C1 device is successful, the icon will be displayed in the upper right corner of the standby interface.
- Click on > COMM. > Cloud Server Settings to set the server address. If the BioFace C1 device communicates with the server successfully, the icon will be displayed in the upper right corner of the standby interface.



SIP Settings

Calling Options

Click  > Intercom > SIP Settings > Calling Options to set the SIP common parameters.

Mode 1: Local Area Network






Note: When the SIP Server is enabled, the Contact List menu are not displayed.


Calling by IP Address

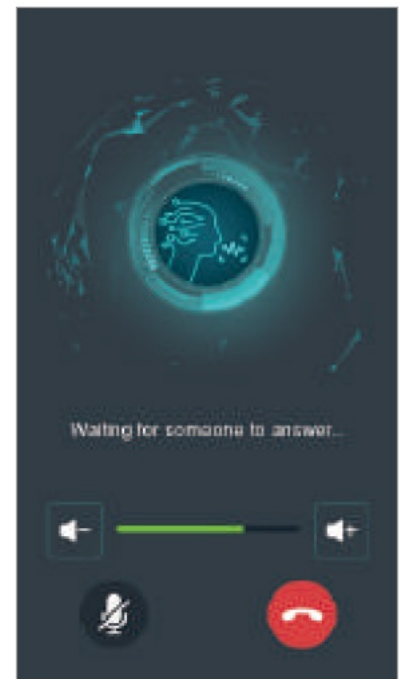
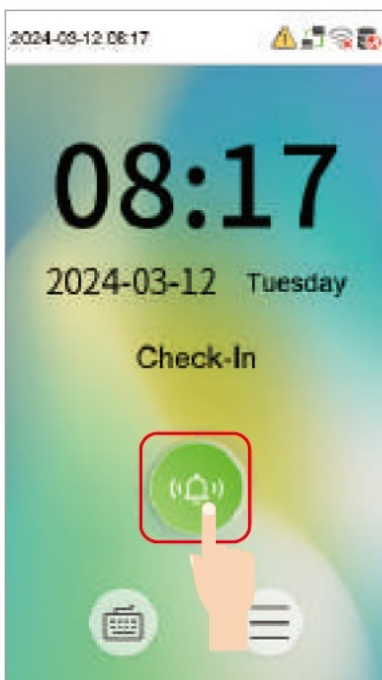
1. Set the IP address on the indoor station, Tap Menu > Advanced > Network > 1. Network > 1. IPv4.

Note: Indoor station IP address and the BioFace C1 device IP address must be in the same network segment.


Network		
Accounts	1. Connection Mode	Static IP
Network	2. IP Address	192.168.163.199
Security	3. Mask	255.255.255.0
Maintenance	4. Gateway	192.168.163.1
Device	5. Primary DNS	114.114.114.114
	6. Secondary DNS	8.8.8.8

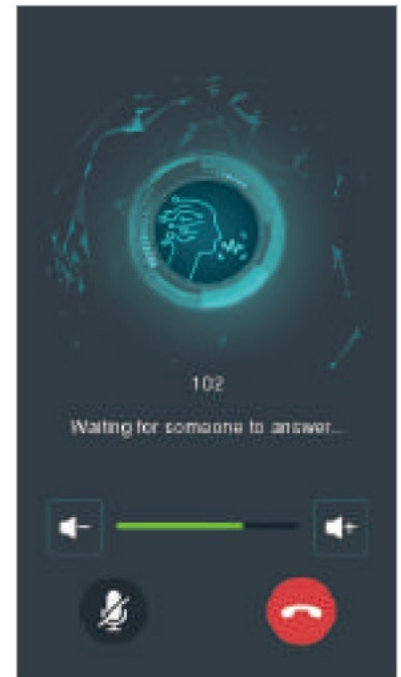
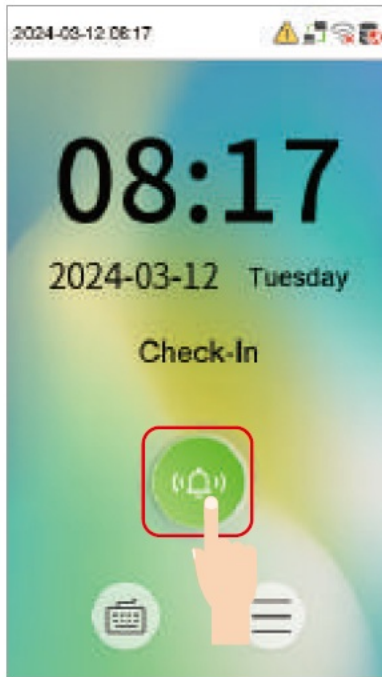






- Click  icon on the standby page to enter the call page, users can call the IP address of the indoor station.





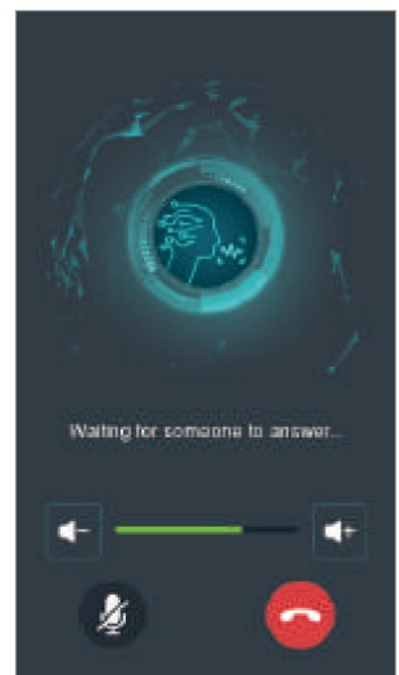
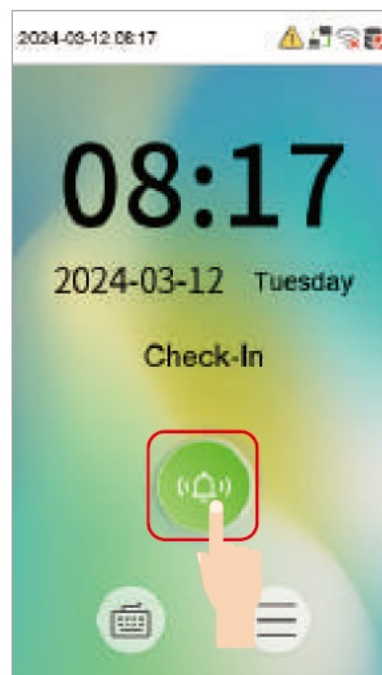
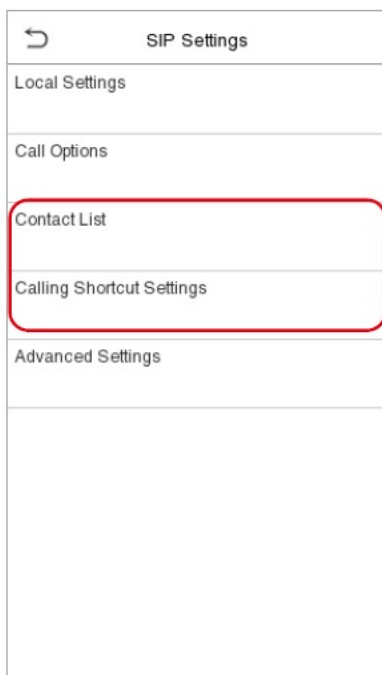
Calling by Shortcut

- Click  > Intercom > SIP Settings > Contact List.
- Click Add, input device number and call address to add a new contact member.
Note: Call address and the BioFace C1 device must be in the same network segment.
- Click SIP Settings > Calling Shortcut Settings, select any item except admin, and enter the form information you just uploaded.
- Then you can enter the device number or click shortcut key in the call screen to directly implement the video intercom.





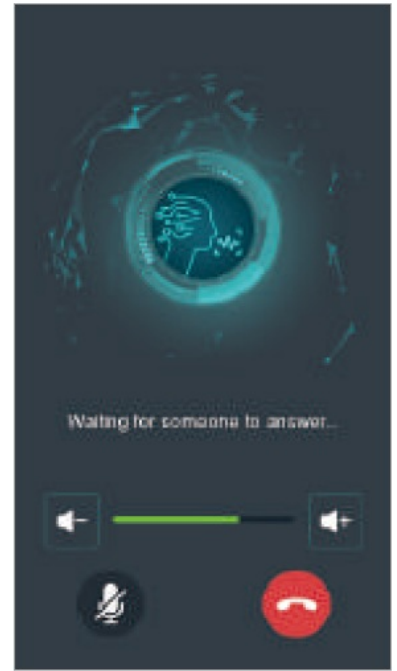
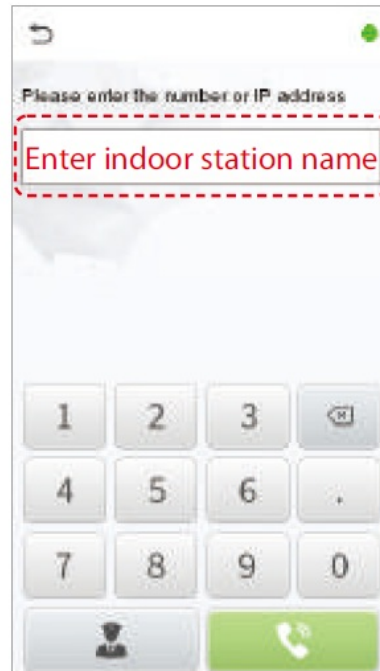
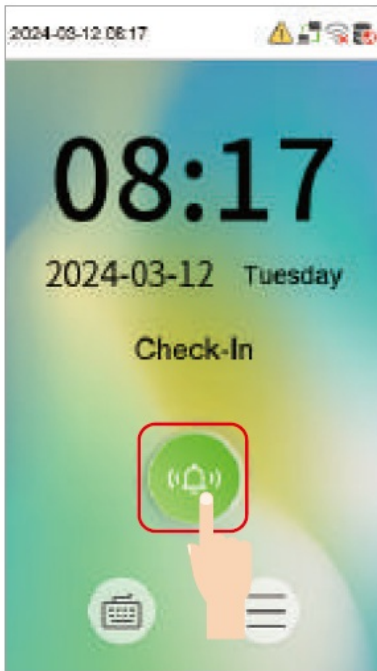
Direct Calling Mode

1. Click  > Intercom > SIP Settings > Contact List.
2. Click Add, input device number and call address to add a new contact member.
Note: Call address and the BioFace C1 device must be in the same network segment.
3. Click SIP Settings > Calling Shortcut Settings > Call Mode > Direct Calling Mode > Add. Select the IP addresses of the indoor stations that you want to call, then the indoor stations will be displayed in the list.
4. Then you can tap the  icon on the device to call the indoor stations at the same time.





Mode 2: SIP Server

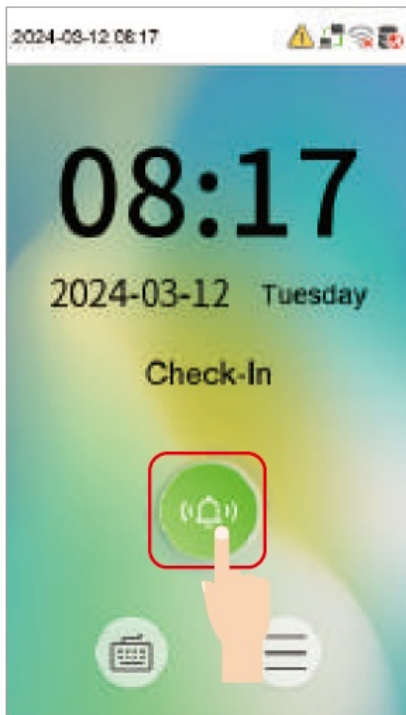
1. Click  Intercom > SIP Settings > Local Settings to enable the SIP server.
2. Click Master Account Setting/Backup Account Setting to set the SIP server parameters.
3. Click  icon on the standby page to enter the call page, once the SIP is set up correctly, a green dot will appear in the upper right corner of the call page to indicate that the BioFace C1 device is connected to the server. You can call the account name of the indoor station.



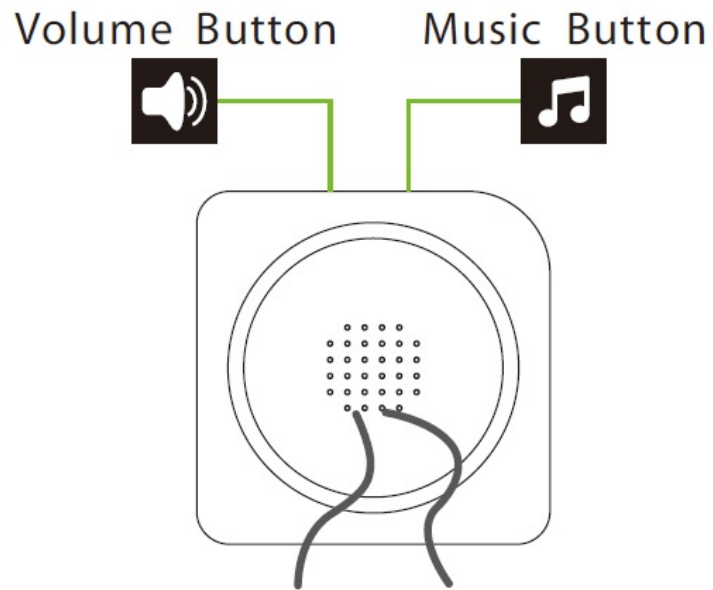
Note: When users need to enable SIP server, they need to purchase the server address and password from the distributor, or build the server confidently.

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 BioFace C1 device icon, if the wireless doorbell rings and the indicator flashes, it means the connection is successful.



BioFace C1




Wireless Doorbell

After a successful pairing, clicking the  icon of BioFace C1 device will ring the wireless doorbell.

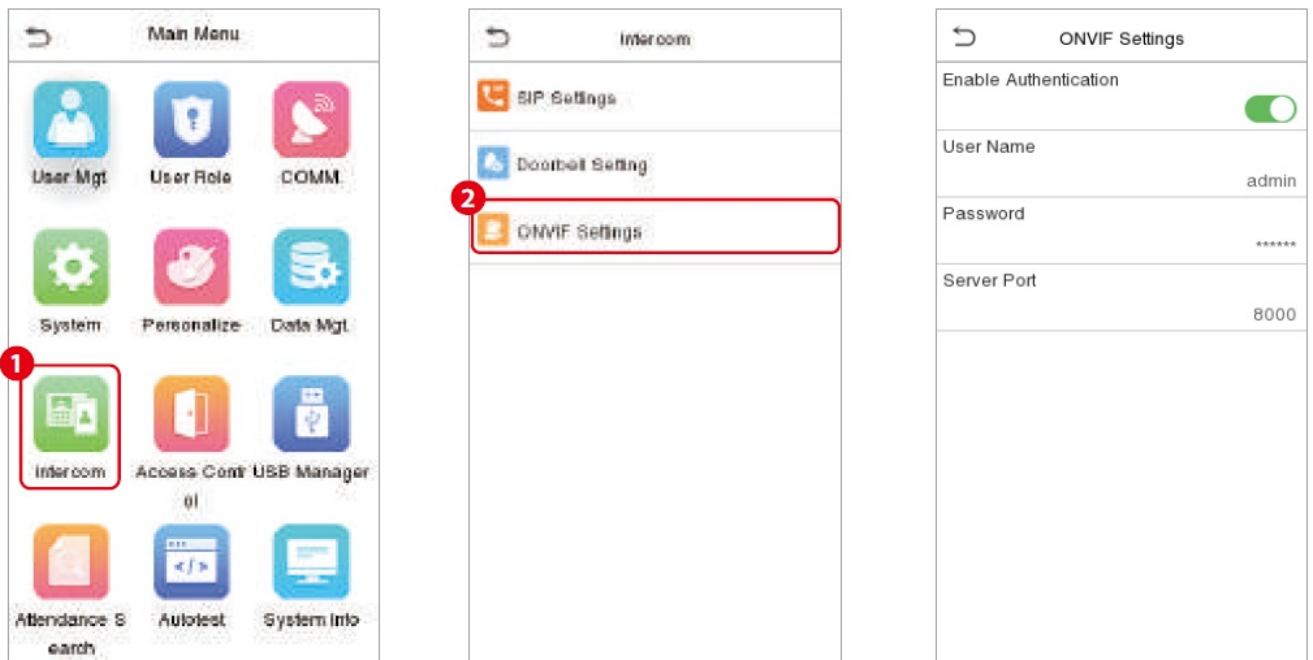
Note: Generally, each BioFace C1 device connects to 1 wireless doorbell.

ONVIF Settings

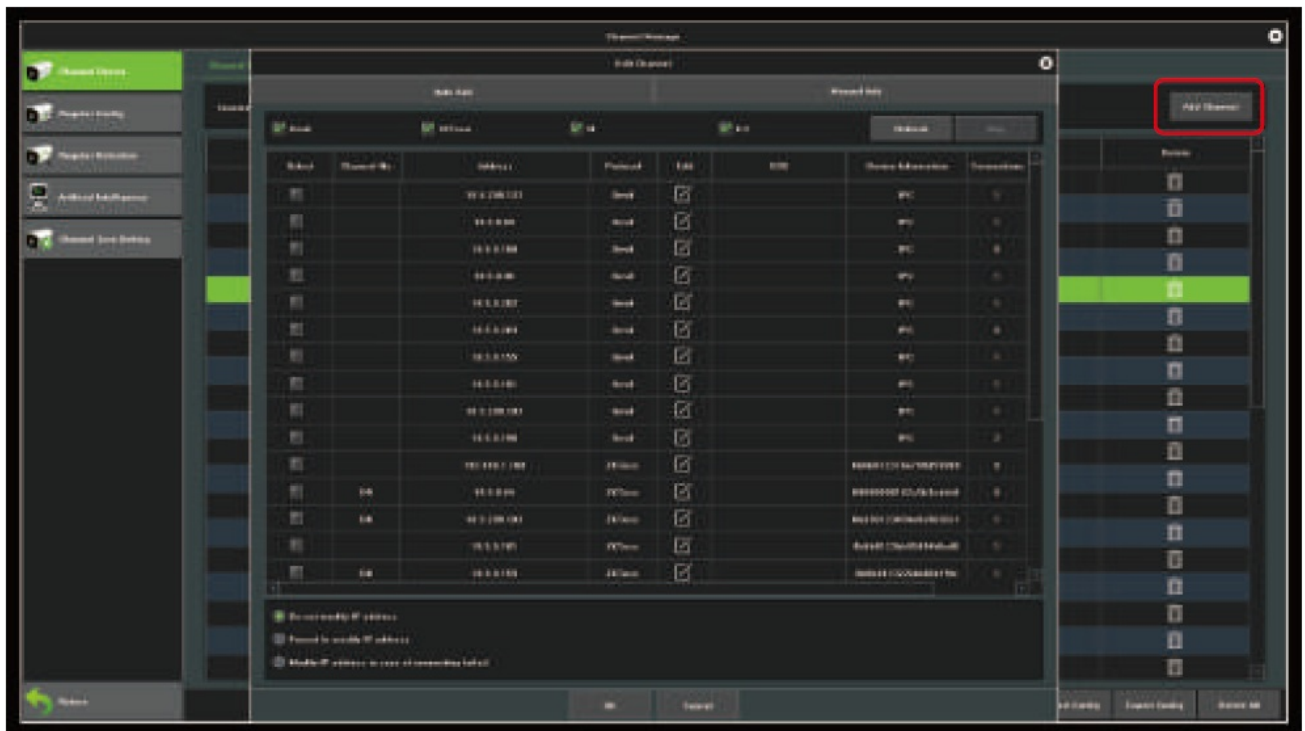
This function needs to be used with the Network Video Recorder (NVR).

1. Set BioFace C1 device to the same network segment as the NVR. Click .
2. Intercom > ONVIF Settings to set the User Name and Password.

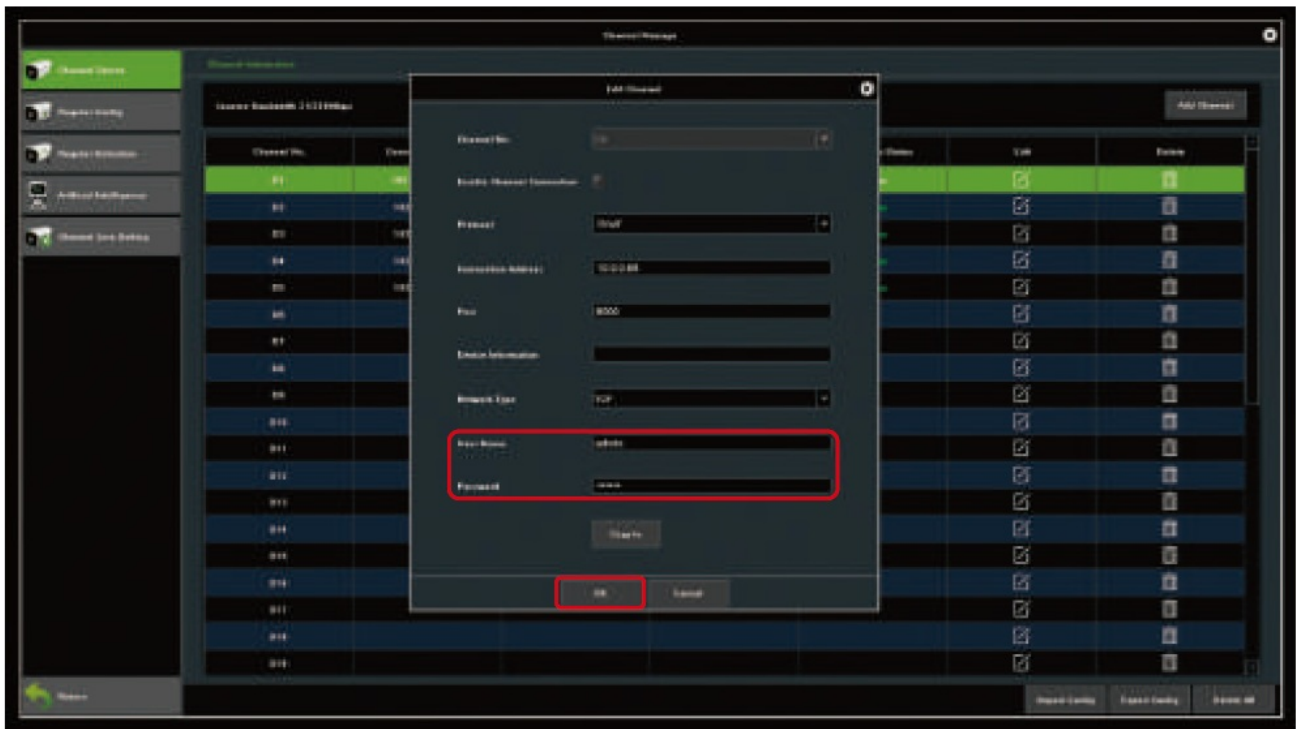
Note: If the Authentication function is disabled, then there is no need to input the User Name and Password when adding the device to the NVR.



3. On the NVR system, click Start > Menu > Channel Manage > Add Channel > Refresh to search for the BioFace C1 device.



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



5. After successfully adding, the video image obtaining from the device can be viewed in real-time.

For more details, please refer to the NVR User Manual.

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FAQ

• **Q: How do I ensure accurate fingerprint recognition?**

A: Remove the protective film from the fingerprint sensor before use.

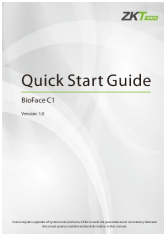
• **Q: Can I install the device outdoors?**

A: No, the device is recommended for indoor installation only.

• **Q: How do I configure the IP address for Ethernet connection?**

A: Access the device settings to input the IP address and subnet mask as per your network requirements.

Documents / Resources

	<p>ZKTECO BioFace C1 Multi Biometric Access Control Terminal [pdf] User Guide C1, BioFace C1 Multi Biometric Access Control Terminal, Multi Biometric Access Control Terminal, Biometric Access Control Terminal, Access Control Terminal, Control Terminal</p>
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References

-  [Leading Suppliers of Smart Security Solutions and Systems](#)
- [User Manual](#)

Manuals+, [Privacy Policy](#)

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