

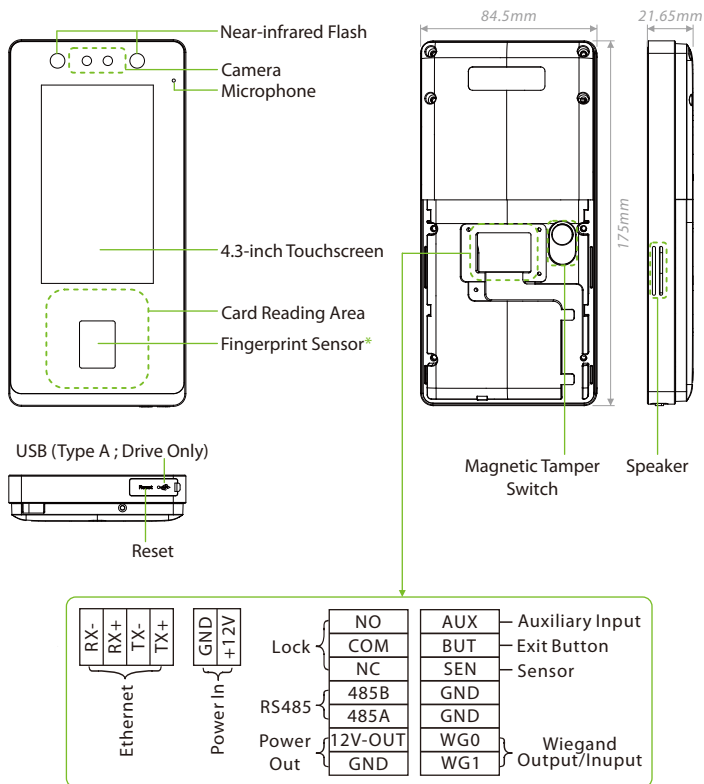
# Quick Start Guide

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BioFace C1

Version: 1.0

# 1 Overview



## Note:

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

## 2 Installation Environment

Please refer to the following recommendations for installation:



INSTALL INDOORS ONLY



AVOID INSTALLATION NEAR GLASS WINDOWS



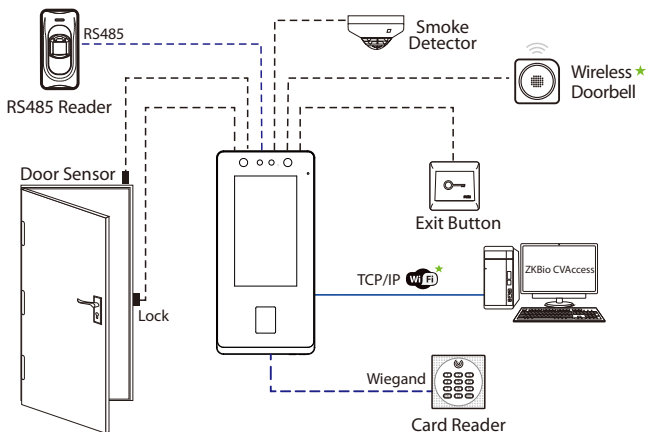
AVOID DIRECT SUNLIGHT AND EXPOSURE



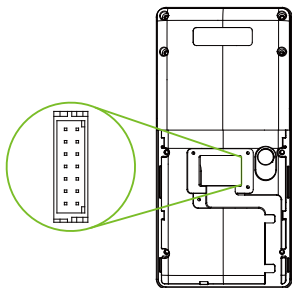
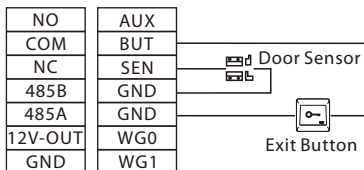
AVOID USE OF ANY HEAT SOURCE NEAR THE DEVICE

- 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.

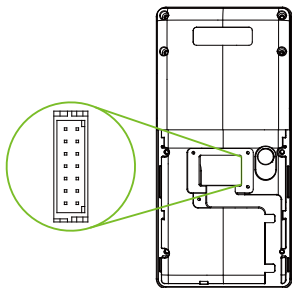
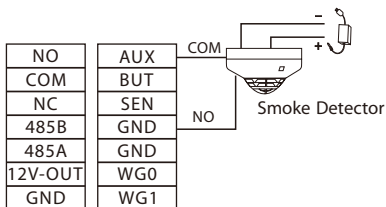
## 3 Standalone Installation



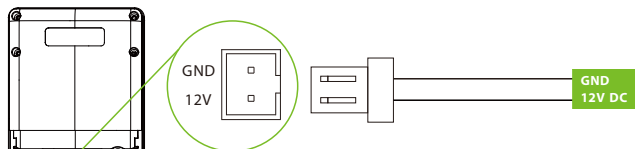
## 4 Exit Button and Door Sensor Connection



## 5 Smoke Detection Connection



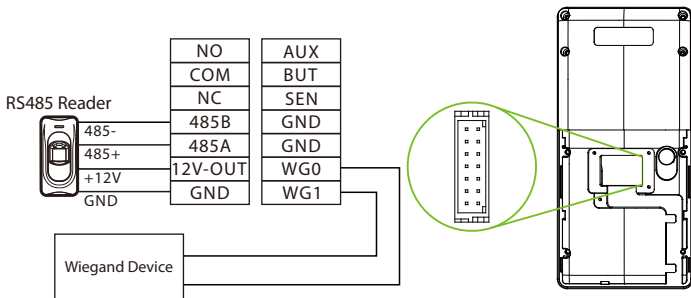
## 6 Power Connection



### Recommended Power Supply:

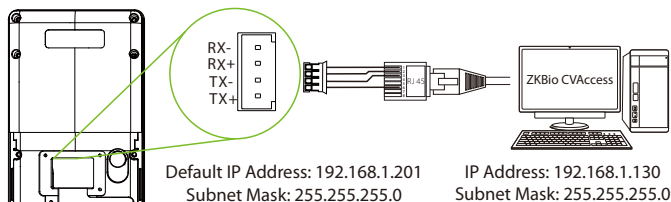
- 12V  $\pm$  10%, at least 3000mA.
- To share power with other devices, use a power supply with higher current ratings.

## 7 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.

## 8 Ethernet Connection



Click **COMM. > Ethernet > IP Address** on the BioFaceC1 device, to input the IP address and then click **OK**.

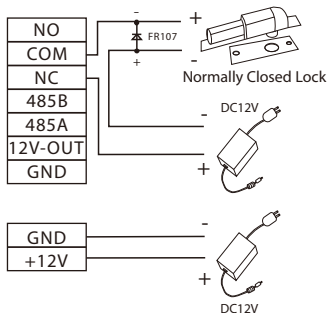
**Note:** In LAN, the IP address of the server (PC) and the device must be in the same network segment when connecting to the software.

## 9 Lock Relay Connection

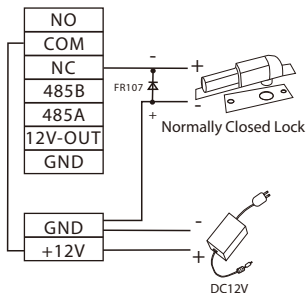
The system supports Normally Opened Lock and Normally Closed Lock.

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:

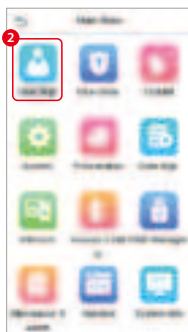
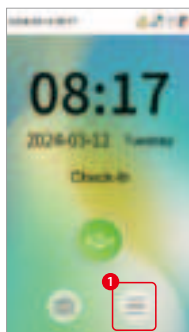


# 10 User Registration

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.



New User	
User ID	
Name	
Role	
Card No.	
Face	
Fingerprint	
Password	
Profile Photo	

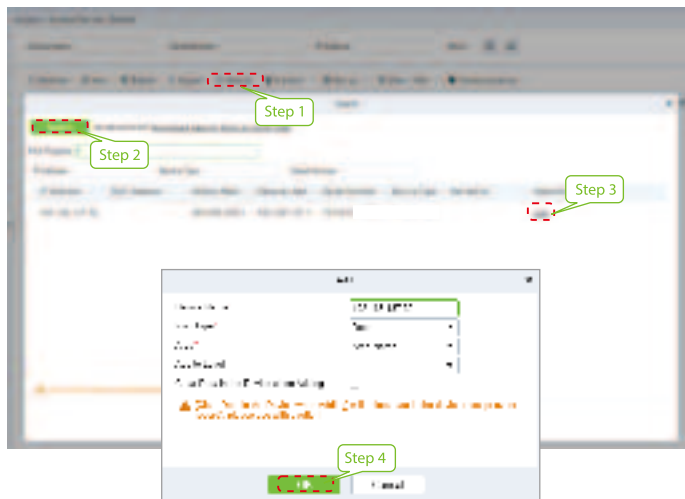


## Method 2: Register on ZKBio CVAccess Software

### ● Register on the PC

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

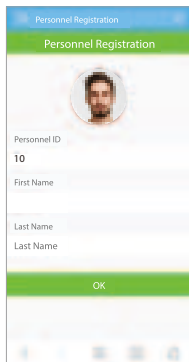
For more details, please refer to the *ZKBio CVAccess User Manual*.



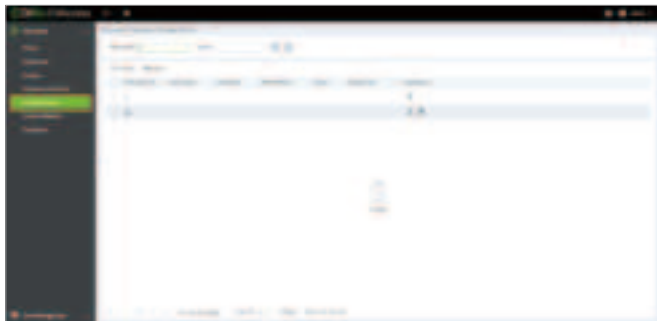
## ● Register on the Phone

Once the ZKBio CVAccess 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.




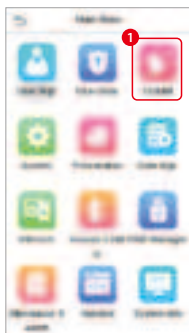
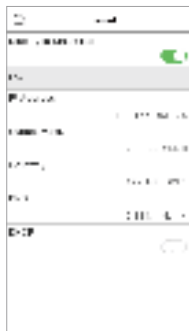
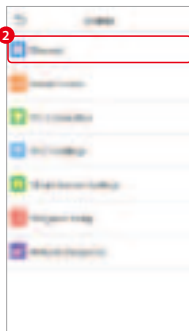
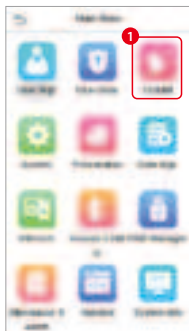
2. The users will be displayed in **Personnel > Pending Review**.



# 11 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.



# 12 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.

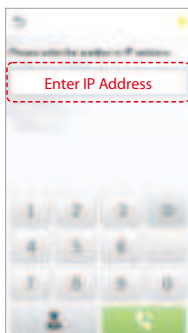
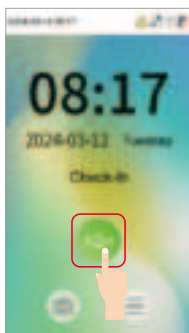
### ● Calling by IP Address

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.

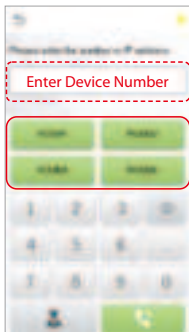
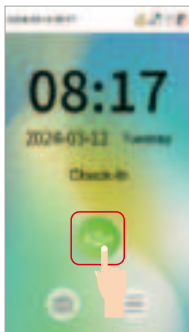
	1. Connection Mode	Static IP
2. IP Address	192.168.163.199	
3. Mask	255.255.255.0	
4. Gateway	192.168.163.1	
5. Primary DNS	114.114.114.114	
6. Secondary DNS	8.8.8.8	

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



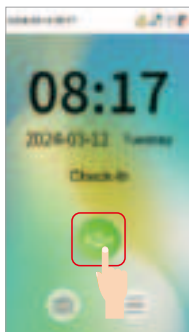
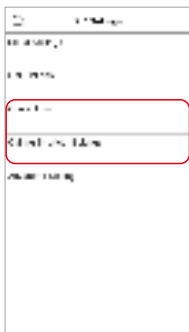
## ● Calling by Shortcut

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**, select any item except admin, and enter the form information you just uploaded.
4. Then you can enter the device number or click shortcut key in the call screen to directly implement the video intercom.



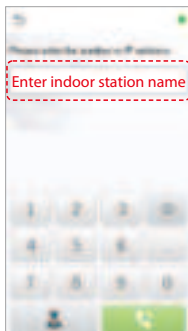
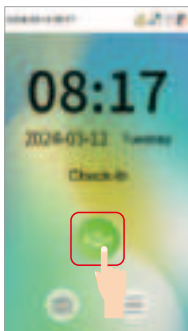
## ● Direct Calling Mode

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.

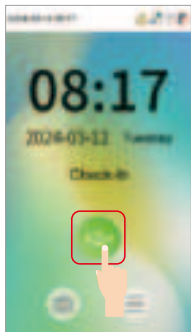


**Note:** When users need to enable SIP server, they need to purchase the server address and password from the distributor, or build the server confidently.

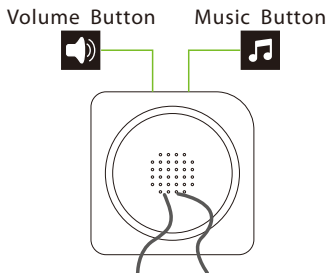
## 13 Connect the Wireless Doorbell★

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.

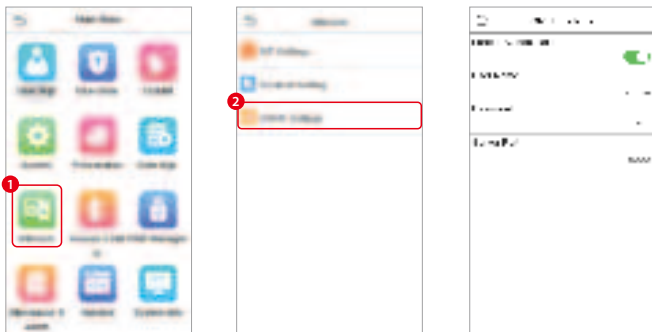
**Note:** Generally, each BioFace C1 device connects to 1 wireless doorbell.

## 14 ONVIF Settings

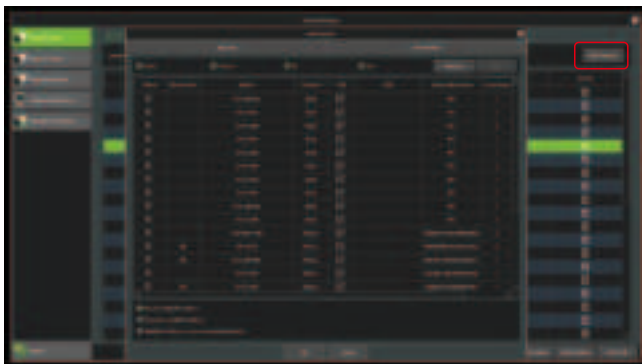
This function needs to be used with the Network Video Recorder (NVR).

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.

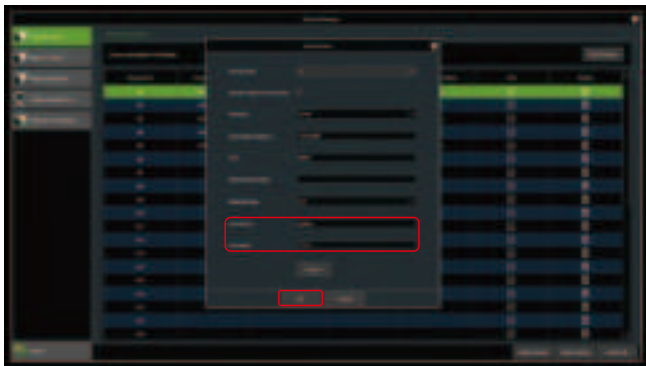
**Note:** If the Authentication function is disabled, then there is no need to input the User Name and Password when adding the device to the NVR.



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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