

Quick Start Guide

SenseFace 2A

Version: 1.0

Due to regular upgrades of systems and products, ZKTeco could not guarantee exact consistency between the actual product and the written information in this manual.

1 Overview



2 Terminal Block





3 Installation Environment

Please refer to the following recommendations for installation.



KEEP DISTANCE

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AVOID GLASS REFRACTION



AVOID DIRECT SUNLIGHT AND EXPOSURE

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AVOID USE OF ANY HEAT SOURCE NEAR THE DEVICE

4 Device Installation

- Stick the mounting template sticker to the wall and drill holes according to the mounting template sticker.
- (2) Fix the backplate on the wall using wall mounting screws
- 3 Attach the device to the backplate
- (4) Attach the device to the backplate with a security screw.









5 Standalone Installation



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

6 Power Connection



Recommended AC Adapter

- 1) 12V ± 10%, at least 1500mA.
- 2) To share the power with other devices, use an AC Adapter with higher current ratings.

7 Ethernet Connection

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



Subnet mask: 255.255.255.0

IP address: 192.168.1.130 Subnet mask: 255.255.255.0

Enter [COMM.] > [Ethernet] > [IP Address], input the IP address and press M/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.

8 Door Sensor & Exit Button Connection





9 Lock Relay Connection

The system supports Normally Opened Lock and Normally Closed Lock. The NO LOCK (normally unlocks when power-on) is connected with 'NO' and 'COM' terminals, and the NC LOCK (normally locks when power-on) is connected with 'NC' and 'COM' terminals. Take NC Lock as an example below:



10 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 \square for 1.5 seconds until the indicator flashes to indicate it's in pairing mode. After that, press the doorbell button **C** on the device, if the wireless doorbell rings and the indicator flashes, it means the pairing was successful.



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

Note:

1) To use this function, you need to enter the menu ([Intercom] > [Doorbell Setting]) and set it as Doorbell Only or Doorbell+Video Intercom.

2) Each device only supports one wireless doorbell.

3) Wireless doorbell needs to be purchased by the customers themselves.

11 User Registration

Press the **M/OK** key to access the main menu in case the device has not been configured with a super administrator. When creating a new user, assign the User Role as Super Admin. This action will prompt the system to request verification from the administrator before granting access to the menu. It is advisable to register a super administrator during the initial setup for enhanced security measures.

Method 1: Registering on the Device

Press **M/OK** and enter [**User Mgt.**] > [**New User**] to register a new user. There are several options available, including entering the user ID and name, setting the user role and access control role, and registering the fingerprint, face, card and password.



User Mgt.					
🕐 New User					
All Users					
👕 Display Style					

New Us	er
User ID	
Name	1
User Role	
	Normal User
Fingerprint	'n
Face	
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Method 2: Register on ZKBio CVAccess software

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

 Click [Access] > [Device] > [Search] > [Search] to search the device on the software. When an appropriate server address and port is set on the device, the searched device displays automatically.

⊖ Refresh 🛱 New 📋 Dele	ete 🛧 Export 🔍 Search 🔍 Control 👻 🐵 Se	t up 👻 🗟 View / Get 👻 🌻 Communication	*
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Search I ()No device found	Pownload Search Tools to Local Disk		
Total Progress	100% Searched devices count:		
IP Address	Device Type Serial Number	\otimes	
IP Address MAC Addr	ress Subnet Mask Gateway Add Serial	Number Device Type Set Server	Operations
192.168.163.129	255.255.255.0 192.168.163.1 81172	32240007 SenseFace 2A	Add I 🌐
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	A	bt	×
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	Icon Type*	Door 👻	
	Area*	Area Name 🔹	
	Add to Level		
	Clear Data in the Device when Adding		
A The current system communication	IClear Data in the Device when Adding record), please use with caution!] will delete data in the device (except ever	t
		Cancel	

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

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

Method 3: Register on the phone

 Click [Personnel] > [Parameters], enter "http://Server.address: Port" in the QR Code IRL bar. The software will automatically generate a QR code. Scan the QR code or login onto "http://Server address: Port/tokenAdreg" by the mobile phone to register users.

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Personnel Registration	🛔 Personnel 🗸 🗸	Personnel / Personnel / Parameters
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Personnel ID 111 Fisst Name xia Last Name	Department Peation Denained Personnel Pending Rookee Carlon Althobus Parameters	Evalue Autor audit: ○ Tre ● Dis Self-Service Registration: ● Tre ● Dis Evalue Self-Service Registration: ● Tre ● Dis R Groot URL: Intervis2012 Clist Biothemature Disputs 2012 Clist Biothemature Disputs 2012 Clist Biothemature Disputs 2012 Clist Biothemature
Last Name OK		
	Card Management	Personal sensitive information protection
		Prosinie 0 Fortilane Judy Name José Name Scottalane
	Card Management >	OK

 The users will be displayed in [Personnel] > [Pending Review]. Click the [Review] option and assign a department, then click [OK] to successfully add the user.

12 Ethernet and Cloud Server Settings

Press **M/OK** and enter [**COMM**.] > [**Ethernet**] to set the network parameters. If the TCP/IP communication of the device is successful, the icon **Q** will be displayed in the upper right corner of the standby interface.

Press **M/OK** and enter [**COMM**.] > [**Cloud Server Settings**] to set the server address and server port. For example, set the IP address and port number of the server after the software is installed. If the device communicates with the server successfully, the icon will be displayed in the upper right corner of the standby interface.

Main Menu	COMM.	Ethemet
	Ethernet	Display in Status Bar
	RC Connection	IPv4
User Mgt. User Role COMM. System		IP Address
	🛜 Wi-Fi Settings	192.168.163.129
	-	Subnet Mask
	Eloud Server Settings	255.255.255.0
Personalize Data Mat Intercom Access Co.		Gateway
ntrol	Network Diagnosis	192.168.163.1
COMM	Cloud Server Settings	
COMM.	Cibde Server Settings	
C Ethernet	Server Mode	ADMS
E PC Connection	Enable Domain Name	
🛜 Wi-Fi Settings	Server Address	9 29 12 09
		0.23.12.30
Cloud Server Settings	Server Port	8881
Network Diagnosis	Enable Proxy Server	

Note:

During the process of pairing the device with the ZKBio CVAccess software. Server Address: Set as the IP address of the ZKBio CVAccess server. Server Port: Set as the Adms service port of ZKBio CVAccess.

13 ONVIF Settings

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

- 1. Set the device to the same network segment as the NVR.
- Press M/OK and enter [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.

Main Menu			Intercom	ONVIF Settings	ONVIF Settings		
	((1))	20	SIP Settings	Enable Authentication			
User Mgt. User Role	COMM.	System	Loorbell Setting	User Name	admin		
			ONVIF Settings	Password			
@				Server Port	8000		
Personalize Data Mgt.	Intercom	Access Co ntrol					

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

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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.

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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.

14 SIP Settings

This function needs to be used with the indoor station.

Local Area Network Use

- 1. Set the indoor station to the same network segment as the device.
- Press M/OK and enter [Intercom] > [SIP Settings] > [Advanced Settings] > [DTMF] to set the value as same as the value of DTMF in the indoor station.
- 3. On the **SIP Settings** interface, enter [**Contact List**]> [**Add**] to add the connected indoor station.

Device Number: Customize the number of the indoor station. **Call Address:** it is the IP Address of the indoor station

Enter the IP Address/Device Number of the Indoor Station

Press the \clubsuit key on the device and enter the IP address/Device Number of the indoor station in the pop-up interface of the device.



- Calling Shortcut Keys
- 1. On the **SIP Settings** interface, enter [**Calling Shortcut Settings**] to define the shortcut keys.

Name: Customize the name of the shortcut keys.

Device Number: It is the device number that set in the Contact List Menu.

2. Press the **§** key on the device and click the calling shortcut keys to call the indoor station.



- Direct Calling
- On the SIP Settings interface, enter [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.
- 2. Press the 🌜 key on the device to call the indoor stations at the same time.



SIP Server

- 1. On the SIP Settings interface, enter [Local Settings] > [SIP Server] to enable it. Enter [Master Account Settings] to set the server-related parameters.
- Once the SIP is set up correctly, the yellow dot in the upper right corner of the call page will become green, indicates that the device is connected to the server. You can call the account name of the indoor station.



For more details, please refer to the SenseFace 2A User Manual.

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