

Quick Start Guide

SpeedFace-V4L Pro Series

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



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:





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

3 Standalone Installation



4 Door Bell, Exit Button and Alarm Connection



Alarm's Power Switch

5 Door Sensor and Smoke Detection Connection





6 Power Connection

0		GND GND 12V GND 12V 12V C
Í		Recommended Power Supply:
] .	• 12V ± 10%, at least 3000mA.
Ľ	<u> </u>	 To share power with other devices, use a power supply with higher current ratings.

7 RS485 and Wiegand Connection



8 Ethernet Connection



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:









10 User Registration

When there is no super administrator set in the device, click on \equiv 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 Device

Click on \equiv > 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.



5	New User
User ID	2
Name	
User Role	Normal User
Fingerprint	0
Face	0
Card	0
Password	
Profile Photo	0
Access Control R	ole





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 device.

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

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	Search No device found? Do	Step 1 Search Tools to Locar Disk	arch	× ati
	Total Progress Step 2	Jevice Type Serial Number		
	IP Address MAC Address	Subnet Mask Gateway Add Serial	Number Device Type Set Server	Operatio Step 3
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		Area*	Area Name 🔻	
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		Clear Data in the Device when Adding record), please use with caution!] will delete data in the device (except event	
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- 2. Click **Add** in an operation column, a new window will pop-up. Select lcon type, Area, and Add to Level from each dropdowns and click **OK** to add the device.
- 3. Click **Personnel > Person > New** and fill in all the required fields to register 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.

 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**.

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Position	Parscenel ID First Name Last Name Mobile Phone Status Create Time Operations	
Dismissed Personnel		
Pending Review	11 L B	
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11 Ethernet and Cloud Server Settings

Click on \equiv > **COMM**. > **Ethernet** to set the network parameters. If the TCP/IP communication of the device is successful, the icon \square will be displayed in the upper right corner of the standby interface.

Click on \equiv > COMM. > Cloud Server Settings to set the server address. If the device communicates with the server successfully, the icon \cong will be displayed in the upper right corner of the standby interface.

5 Main Menu	🗩 сомм.	5 Ethernet
	Ethernet	IP Address 192.168.163.175
User Mgt. User Role COMM. System	Serial Comm	Subnet Mask 255.255.255.0
🛛 🗟 🚺 🖪	PC Connection	Gateway 192.168.163.1
Personalize Data Mgt. Access USB Control Manager	Wi-Fi Settings	DNS 114.114.114.114
	Cloud Server Settings	TCP COMM.Port 4370
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	Network Diagnosis	Display in Status Bar
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	COMM.	Cloud Server Settings Server Mode ADMS
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Main Menu User Mgt. User Role Personalize Data Mgt. Access Control Manager	COMM. COMM. Ethernet Serial Comm R PC Connection W-F1 Settings	Cloud Server Settings Server Mode ADMS Enable Domain Name Server Address 192.168.1.220 Server Port 80688
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Main Menu Dae Mgt. User Role Convert Personalize Data Mgt. Access Convert Attendence Work Code Autotest System Info	COMM. COMM. COMM. COMM. Serial Comm Serial Comm Connection Connection Connection Could Server Settings Could S	Cloud Server Settings Server Mode ACMS Enable Domain Name

12 Connecting to ZKBio Zlink App

Click on \equiv > System > Device Type Setting to change the device communication protocol to the BEST protocol, the device can then be managed by ZKBio Zlink.

Step 1: Download the App

Search for the **ZKBio Zlink** App in Apple App Store or Google Play Store and download the App into your smartphone.



Step 2: Create Your Account

Open the **ZKBio Zlink** App and create an account with your phone number or an Email ID.



Step 3: Create the Organization

Log in with your successfully registered account and follow the page prompts to create an organization.



Step 4: Add the Site and Zone

Log in with your created account and organization. After a successful login, add **Site** and **Zone** in the **Me** interface.



Step 5: Binding the Device

In Workshop interface, click CloudACC > Me > Device List to add devices.



13 Connecting to ZKBio Zlink Web

After successfully adding devices using the ZKBio Zlink App, you can use the created account to access the ZKBio Zlink Web. With this web interface, you can find devices, add new personnel, register verification methods for registered personnel, synchronize personnel to devices, and query records. To access the ZKBio Zlink Web, please visit <u>https://zlink.minervaiot.com/</u>.



Add Person:

1. Click Me > Organization on the ZKBio Zlink Web main menu to add a person.

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	n Organization T 🔅 Device Center 😥 Credential
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2. Click add icon 🖶 to add a new person. Enter the person's information, and click Save.

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5								2
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8	Person Name	Person ID	Email	Mobile	Department	Job Title	Date of Joining	Actions
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Synchronize Persons to Device:

1. Click Workshop > CloudACC on the ZKBio Zlink Web main menu.

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	CloudACC CloudATT
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2. Click Access Control > Group Access Time > Manage Door icon [] to choose the device.

Cloud ACC					C zkteco99 C zkteco zkteco
Deshboard	Group Access Time				C 7 +
SS Organization ~					
🖬 Site Management 🗸	Name	Time Slot	Start Date and Time	End Date and Time	Actions
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3. Click Access Control > Group Access Time > Manage Person icon 2 to choose persons for synchronization to this device.

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Register Verification Mode:

After successfully synchronizing persons to the device, you can view their basic information in the **Person in the device** interface. Click **Workshop > CloudACC > Device Management > Device > Persons in the Device** icon , click the relevant biometric function icon (Fingerprint/Face/Password/Card) to remotely register the Personnel Biometric Identification Method.

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Note: SpeedFace-V4L Pro Series does not support the palm verification method.

14 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, click on the SpeedFace-V4L Pro icon (a), if the wireless doorbell rings and the indicator flashes, it means the connection is successful.



SpeedFace-V4L Pro

Wireless Doorbell

After a successful pairing, clicking the icon <a>o of SpeedFace-V4L Pro will ring the wireless doorbell.

Note: Generally, each SpeedFace-V4L Proconnects to 1 wireless doorbell.

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