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ZKTeco

**SenseFace 2A
Fingerprint Sensor
Biometrics**

ZKTECO SenseFace 2A Fingerprint Sensor Biometrics User Guide

Contents

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ZKTECO SenseFace 2A Fingerprint Sensor Biometrics

Product Specifications

- **Product:** 2.4-inch Series
- **Version:** 1.0
- **Power Input:** AC Adapter DC 12V 1.5A
- **Network Connection:** Ethernet
- **Recommended Installation Environment:**
    - Window with dimensions between 6.5ft to 10ft
    - Avoid glass refraction and direct sunlight exposure
    - Avoid heat sources near the device

Product Usage Instructions

Device Installation

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

Power Connection
Connect the provided AC Adapter rated at DC 12V 1.5A to power the device.

Ethernet Connection
Connect the device to a computer software via an Ethernet cable. Ensure IP addresses are correctly set as per the provided information.

Door Sensor & Exit Button Connection
Connect the door sensor, exit button, and lock relay according to the provided instructions based on the type of lock used (Normally Opened or Normally Closed).

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Installation Environment

Please refer to the following installation recommendations.

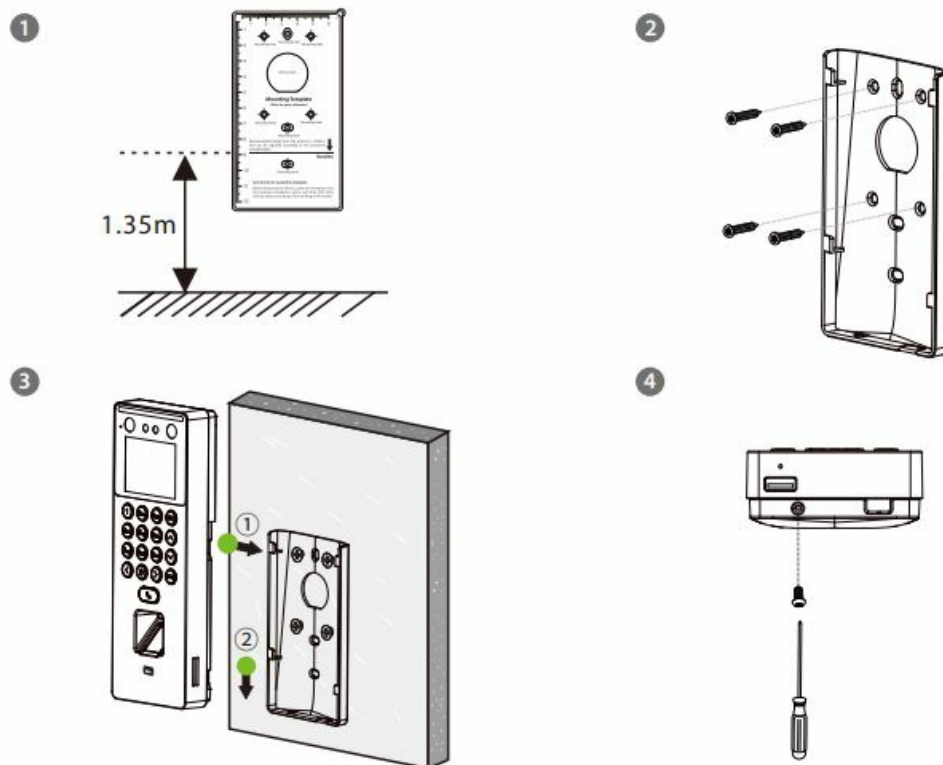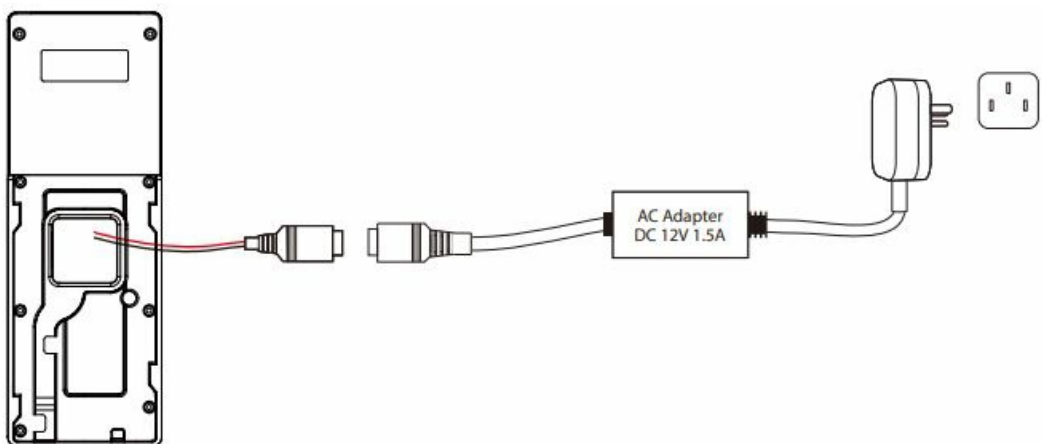| KEEP DISTANCE	AVOID GLASS REFRACTION	AVOID DIRECT SUNLIGHT AND EXPOSURE	AVOID USE OF ANY HEAT SOURCE NEAR THE DEVICE

Device Installation

1. 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.
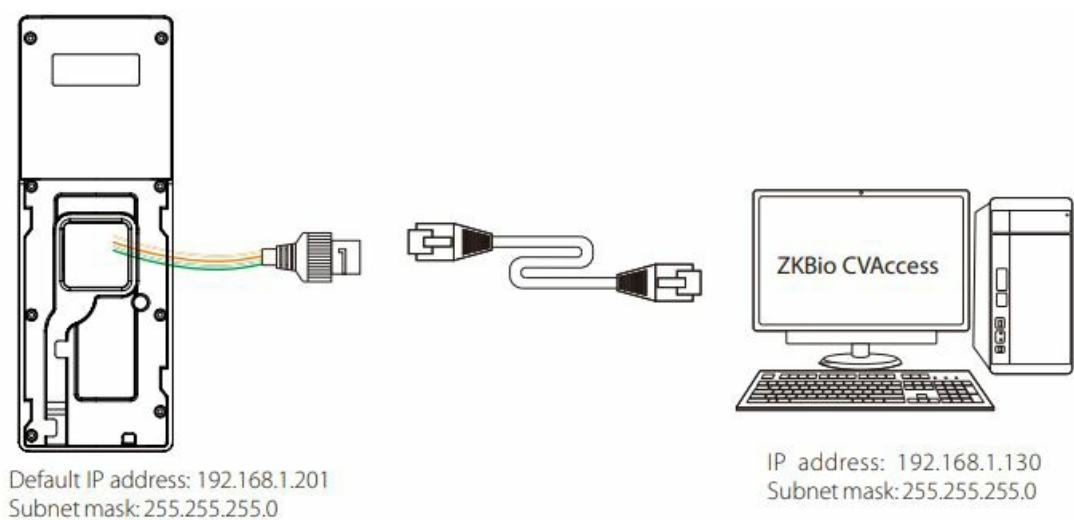
Power Connection

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.
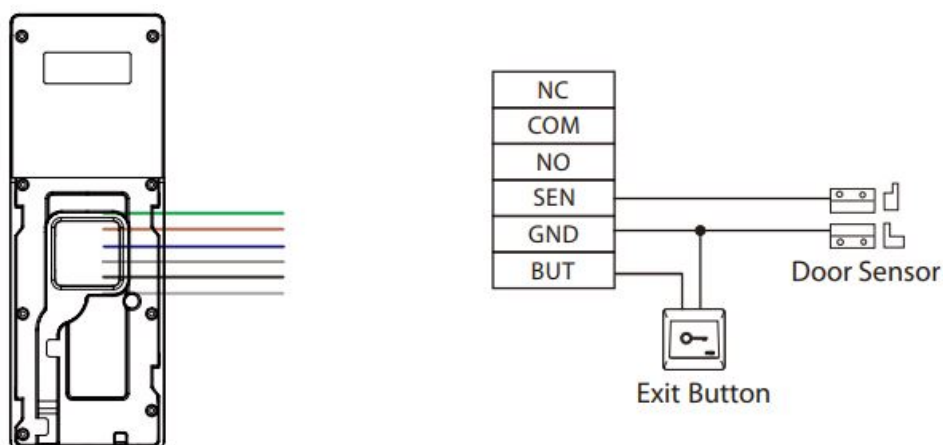
Ethernet Connection

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

Default IP address: 192.168.1.201
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.
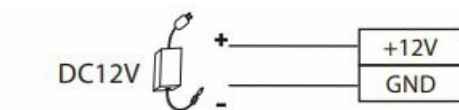
Door Sensor & Exit Button Connection

NC
COM
NO
SEN
GND
BUT

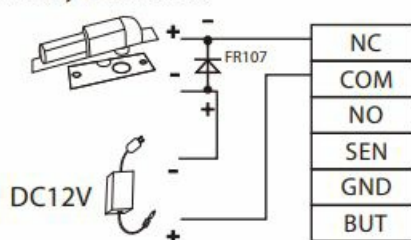Door Sensor

Exit Button

Lock Relay Connection

The system supports a Normally Opened Lock and a 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:

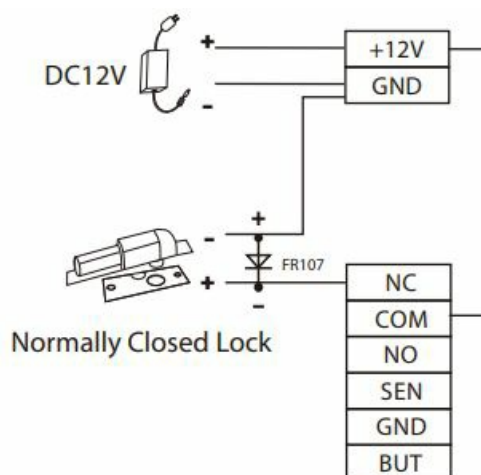1. The device is not sharing power with the lock

Do not reverse the polarity.

Maximum 30V 3A input.

2. Device sharing power with the lock

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QR Code (Download Center)

FAQ

- **What should I do if the device is not powering on?**
Check the power connection and ensure that the AC Adapter is properly plugged in and providing the correct voltage.
- **How can I reset the IP address of the device?**
Navigate to [COMM.] > [Ethernet] > [IP Address], input the new IP address, and press M/OK to save changes.

Documents / Resources

Installation Guide 2.4-inch Series Product Version 1.0	**ZKTECO SenseFace 2A Fingerprint Sensor Biometrics** [pdf] User Guide SenseFace-2A, FR107, SenseFace 2A Fingerprint Sensor Biometrics, SenseFace 2A, Fingerprint Sensor Biometrics, Sensor Biometrics, Biometrics

References

- **User Manual**