Installation Guide

SpeedFace-V3L

Version: 1.0

How to Install the Device?

Installation Environment

Please refer to the following recommendations for installation.

KEEP DISTANCE

AVOID GLASS REFRACTION

AVOID DIRECT SUNLIGHT AND EXPOSURE

KEEP EFFECTIVE DISTANCE 0.3-2.5m

Device Installation

① Attach the mounting template sticker to the wall, and drill holes according to the mounting paper.

② Fix the backplate on the wall using wall mounting screws.

③ Attach the device to the backplate.

④ Fasten the device to the backplate with a security screw.

❶

1.5m

❷

❸

❹
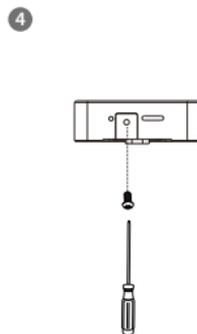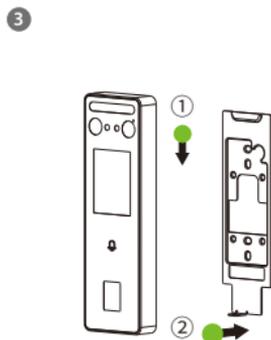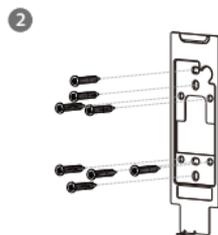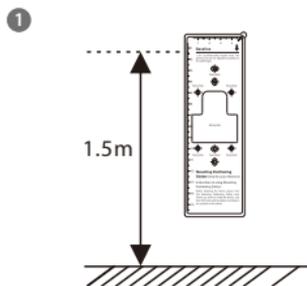
Wiring Diagram

Power Connection
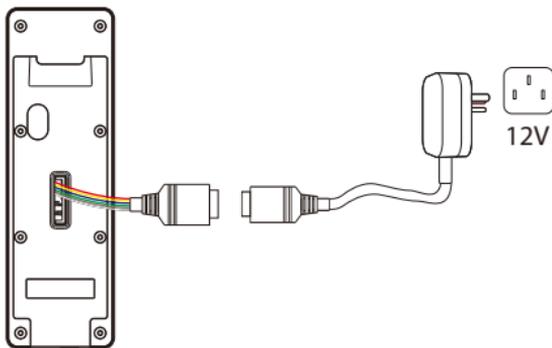
Recommended AC Adapter :

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 over an Ethernet cable. As shown in the example below:
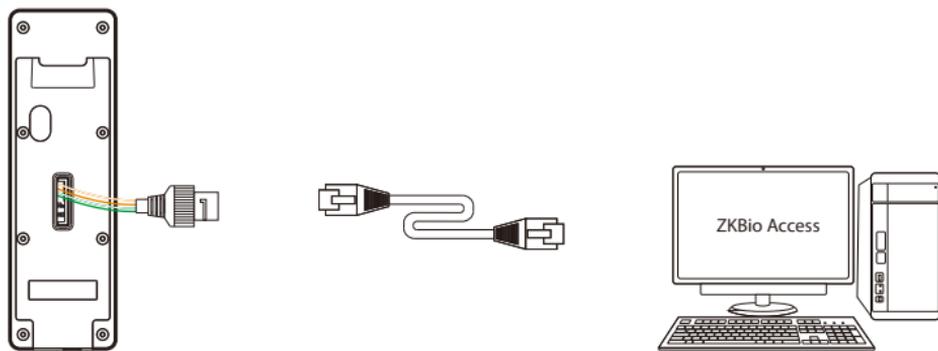
Default IP address: 192.168.1.201
Subnet mask: 255.255.255.0

IP address: 192.168.1.130
Subnet mask: 255.255.255.0

Click on [COMM.] > [Ethernet] > [IP Address] , input the IP address and click on [OK].

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

Wiegand Reader Connection

|	
485A	
485B	
WD0-OUT	WD0
WD1-OUT	WD1
INWD0	WD0
INWD1	WD1
GND	GND
12V-OUT	+12V

Access Controller
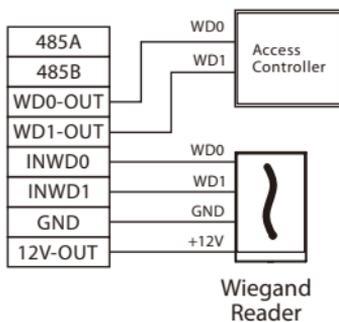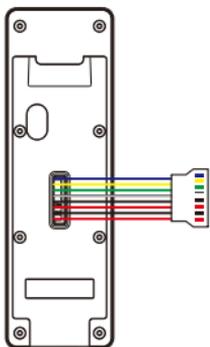
Wiegand Reader

Note: 485A and 485B can be connected to the Barrier gate or the 485 Reader, separately, but cannot be connected to the gate and reader at the same time.

RS485 Connection

485A	485+
485B	485-
WD0-OUT	GND
WD1-OUT	+12V
INWD0	
INWD1	
GND	
12V-OUT	

485 Reader

3
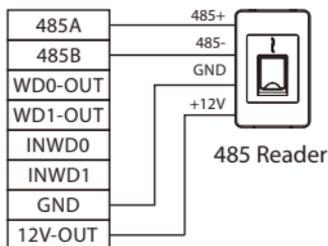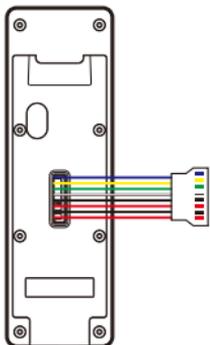
Door Sensor, Exit Button, Alarm & Auxiliary Connection
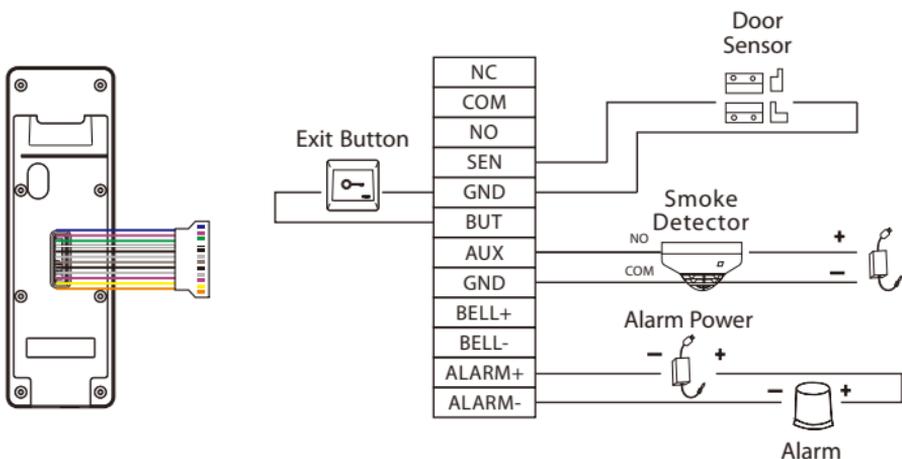
Lock Relay Connection

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

1) Device not sharing power with the lock
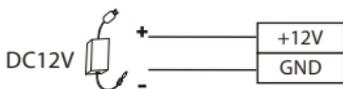
⚠ Do not reverse the polarity.

Normally Closed Lock
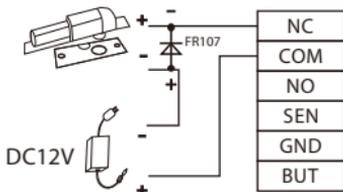
⚠ Maximum 30V 3A input.

2) Device sharing power with the lock

Normally Closed Lock
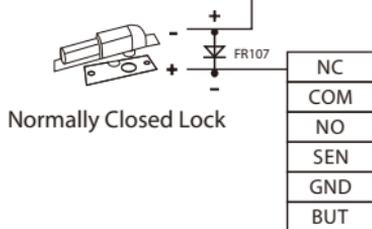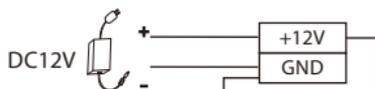
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