

# Installation Guide

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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



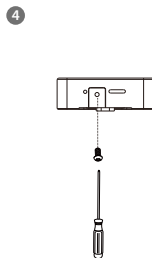
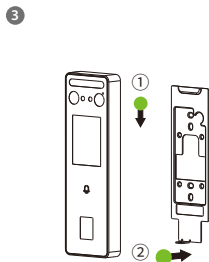
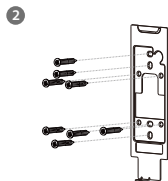
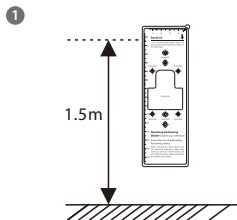
AVOID DIRECT  
SUNLIGHT  
AND EXPOSURE



KEEP EFFECTIVE  
DISTANCE  
0.3-2.5m

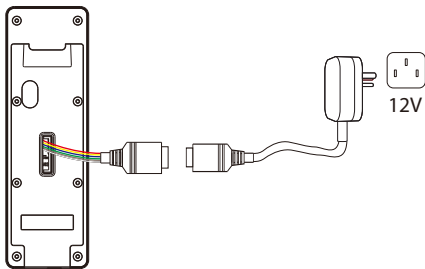
## Device Installation

- 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.



# Wiring Diagram

## Power Connection

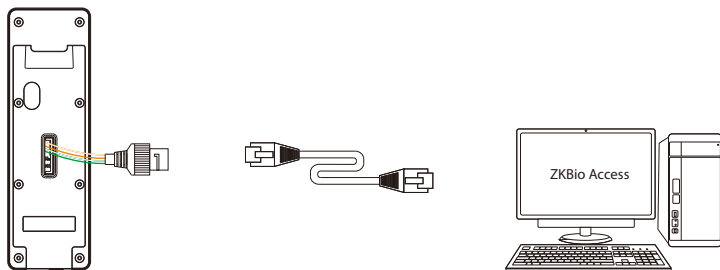


### **Recommended AC Adapter :**

- 1)  $12V \pm 10\%$ , 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:



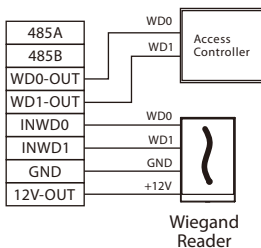
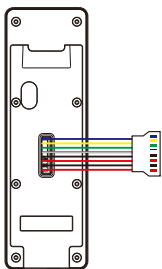
Default IP address: 192.168.1.201  
Subnet mask: 255.255.255.0

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].

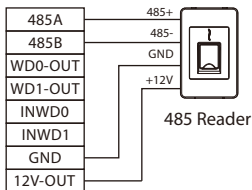
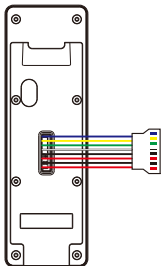
**Note:** In LAN, the IP addresses of the server (PC) and the device must be in the same network segment when connecting to the **ZKBio Access** software.

## Wiegand Reader Connection

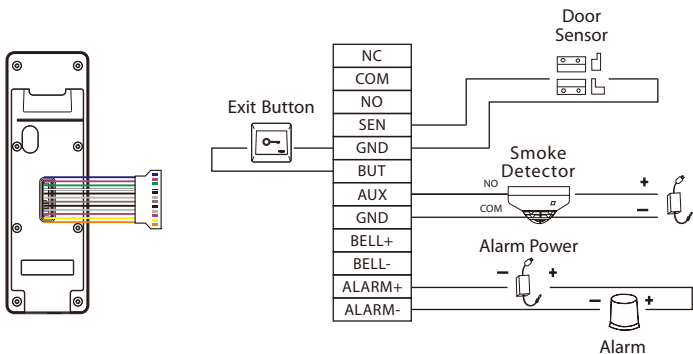


**Note:** 485A and 485B can be connected to the Barrier gate or the 485 Reader, separately, but cannot be connected to the gate and reader at the same time.

## RS485 Connection



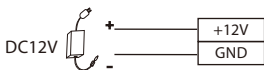
## Door Sensor, Exit Button, Alarm & Auxiliary Connection



## Lock Relay Connection

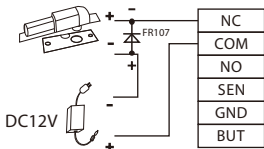
The system supports **Normally Opened Lock** and **Normally Closed Lock**. The **NO LOCK** (normally unlocked when power-on) is connected with 'NO' and 'COM' terminals, and the **NC LOCK** (normally locked when power-on) is connected with 'NC' and 'COM' terminals. Take NC Lock as an example below:

### 1) Device not sharing power with the lock



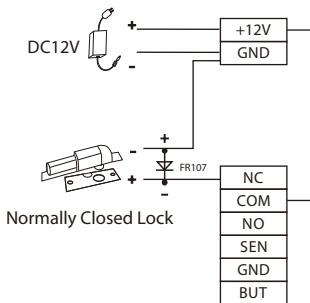
**⚠** Do not reverse the polarity.

Normally Closed Lock



**⚠** Maximum 30V 3A input.

### 2) Device sharing power with the lock



## Download Center

Scan the QR Code to download the **User Manual, Installation Guide** and **Quick Start Guide**.



QR Code (Download Center)

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