

Installation Guide

5-inch VLFR Terminals

Version: 1.0

How to Install the Device?

Installation Environment

Please refer to the following recommendations for installation.



INSTALL INDOORS
ONLY



KEEP EFFECTIVE
DISTANCE OF
0.3 to 2m



AVOID DIRECT
SUNLIGHT
AND EXPOSURE



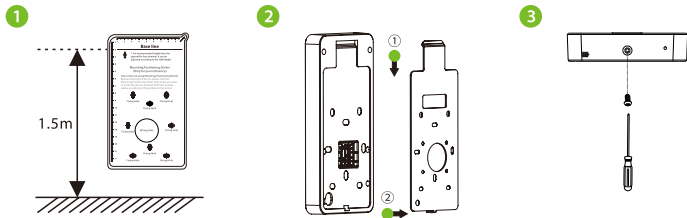
AVOID INSTALLATION
NEAR
GLASS WINDOWS



AVOID USE OF ANY
HEAT SOURCE
NEAR THE DEVICE

Install on the wall

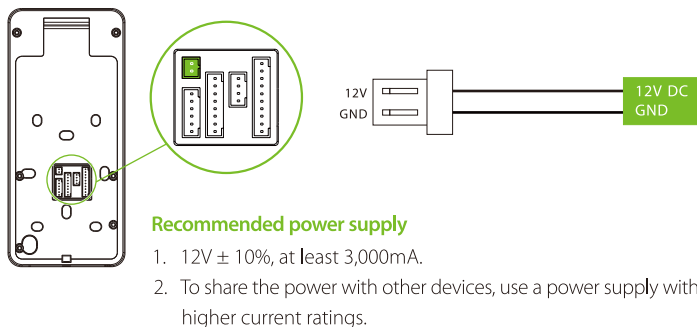
This guide uses the SpeedFace-V5L as an example for installation, wiring, introduction of functions and instructions for use.



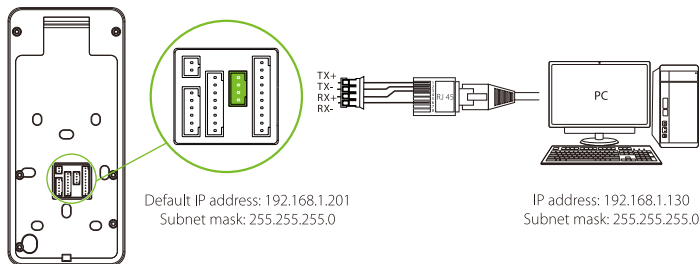
1. Attach the mounting template sticker to the wall, and drill holes according to the mounting paper. Fix the back plate on the wall using wall mounting screws.
2. Attach the device to the back plate.
3. Fasten the device to the back plate with a security screw.

Wiring Diagram

Power Connection



Ethernet Connection

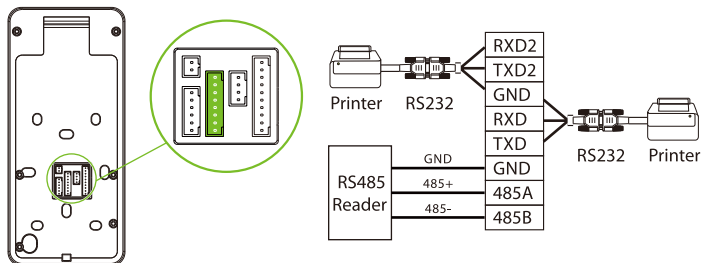


Click **[COMM.]** > **[Ethernet]** > **[IP Address]**, input the IP address and click **[OK]**.

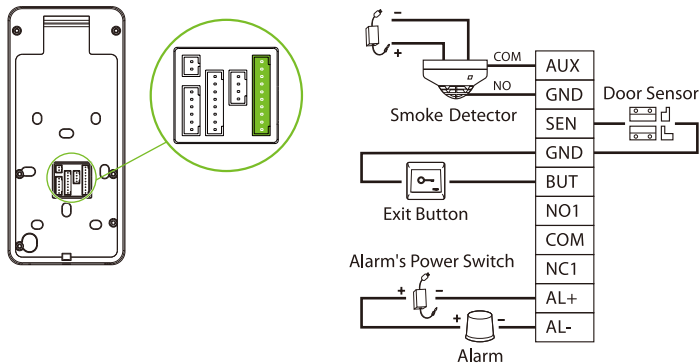
Note: In LAN, IP addresses of the server (PC) and the device must be in the same network segment when connecting to software.

RS485 and RS232 Connection

The RS485 and the RS232 lets user connect to multiple readers to the device. Two RS232 and one RS485 can be connected to the terminal, as shown in the figure below.

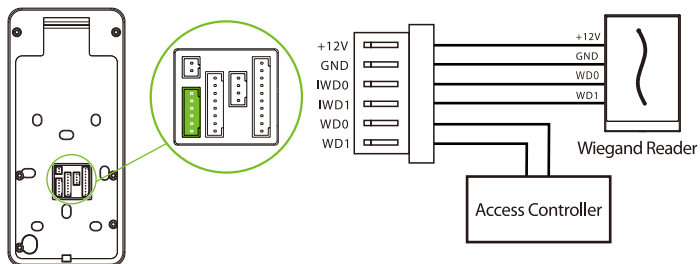


Door Sensor, Exit Button & Alarm Connection

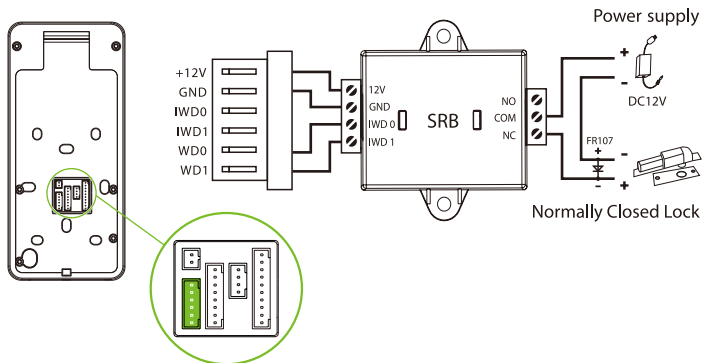


Wiegand Reader

Wiegand card reader connects to the top 4 pins of the wiegand terminal and the last two pins are used by the Access controller, as shown in the following figure. It sends the credentials to the device via wiegand communication.



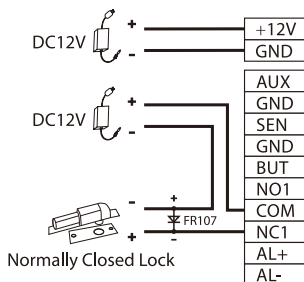
SRB Connection



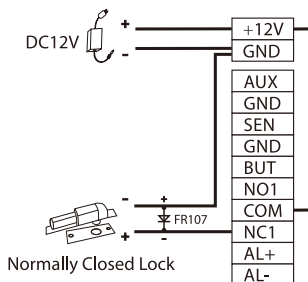
Lock Relay Connection

The system supports both **Normally Opened Lock** and **Normally Closed Lock**. The **NO Lock** (normally opened when powered) is connected with 'NO1' and 'COM' terminals, and the **NC Lock** (normally closed when powered) is connected with 'NC1' and 'COM' terminals. The power can be shared with the lock or can be used separately for the lock, as shown in the example with NC Lock below:

1) Device not sharing power with the lock



2) Device sharing power with the lock



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