ZKTeco

Installation Guide

SpeedFace-V4L Pro Series

Version: 1.0

Installation Environment

Please refer to the following recommendations for installation:

INSTALL INDOORS
ONLY

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.
- Ensure that the device is not installed near the sea or in other locations where metal oxidation and rust may develop if the device is exposed for an extended period.
- Protect the device from lightning.
- Ensure that the device only works in an acidic or alkaline environment briefly.

How to Install the Device on the wall?

Step 1: Stick the wall-mounting template to the wall and drill holes according to the wall-mounting template.
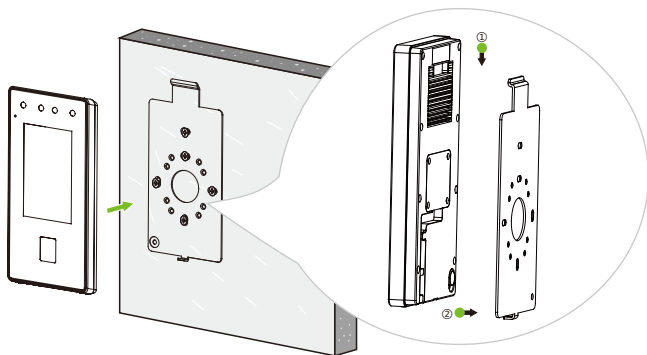
❶

1450mm

❷

30mm

90°

φ6mm
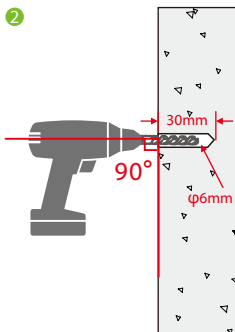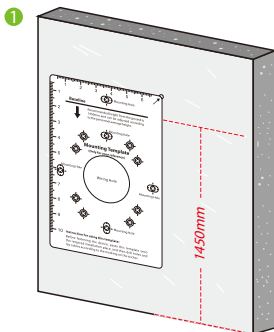
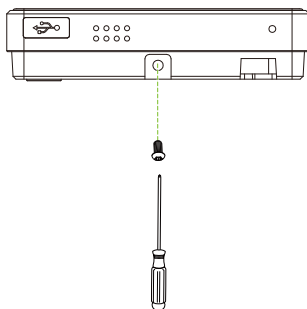**Step 2:** Insert the expansion tubes into the mounting holes.
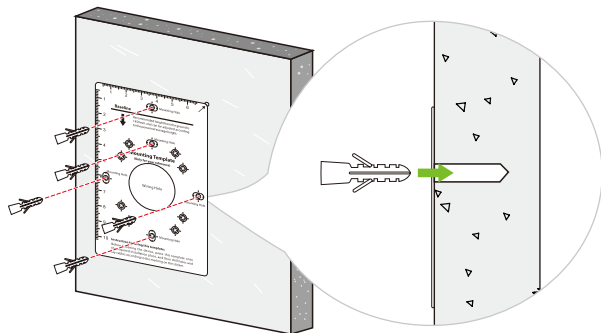
Step 3: Attach the backplate on the wall using the wall mounting screws.
Note: Please insert the wire through the backplate before installation
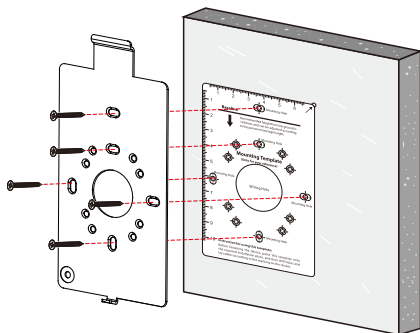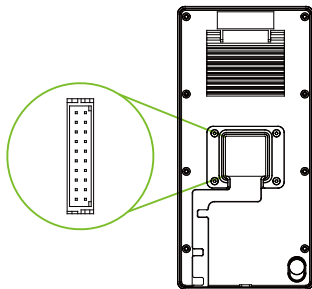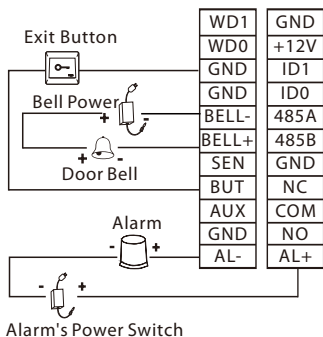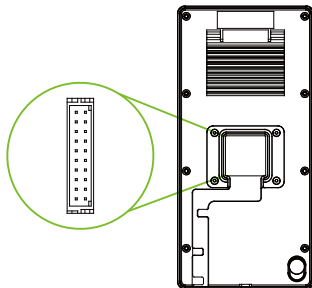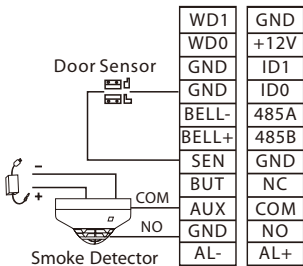
Step 4: Attach the terminal to the backplate

Step 5: Attach the terminal to the backplate with a security screw

Door Bell, Exit Button and Alarm Connection

Exit Button
Bell Power
+ −
+ −
Door Bell
Alarm
− +
− +
Alarm's Power Switch

WD1	GND
WD0	+12V
GND	ID1
GND	ID0
BELL-	485A
BELL+	485B
SEN	GND
BUT	NC
AUX	COM
GND	NO
AL-	AL+

Door Sensor and Smoke Detection Connection

Door Sensor
−
+
COM
NO
Smoke Detector

WD1	GND
WD0	+12V
GND	ID1
GND	ID0
BELL-	485A
BELL+	485B
SEN	GND
BUT	NC
AUX	COM
GND	NO
AL-	AL+
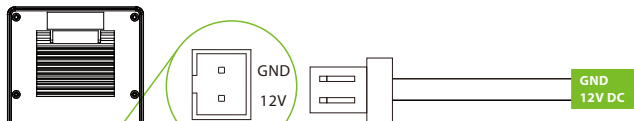
Power Connection

Recommended Power Supply:

- 12V ± 10%, at least 3000mA.
- To share the power with other devices, use a power supply with higher current ratings.
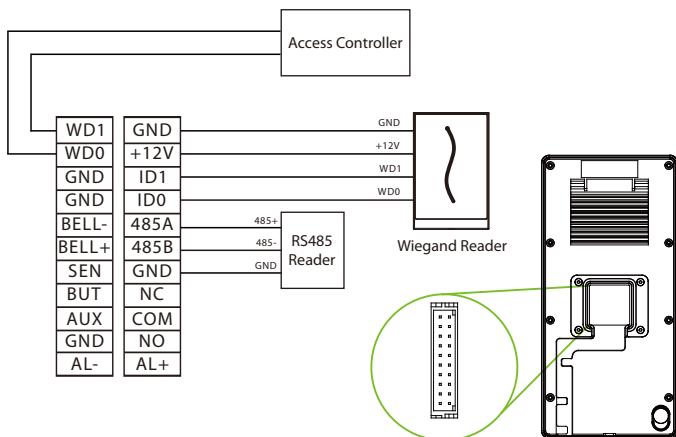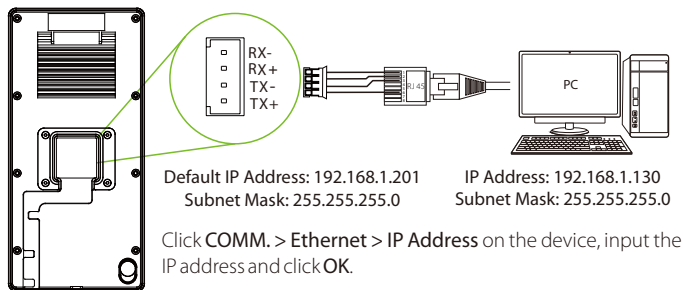
RS485 and Wiegand Connection

WD1	GND
WD0	+12V
GND	ID1
GND	ID0
BELL-	485A
BELL+	485B
SEN	GND
BUT	NC
AUX	COM
GND	NO
AL-	AL+

Access Controller

GND
+12V
WD1
WD0

485+
485-
GND

RS485 Reader

Wiegand Reader

Ethernet Connection

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 **COMM.** > **Ethernet** > **IP Address** on the device, input the IP address and click **OK**.
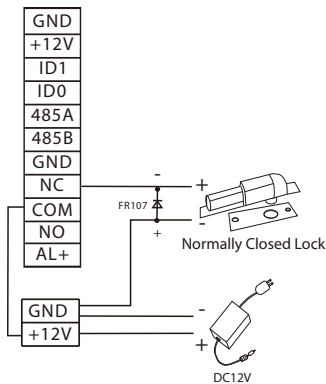
Lock Relay Connection

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:

Device not sharing power with the lock:
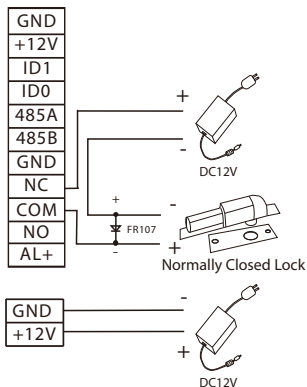
Device sharing power with the lock:

Download Center

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QR Code (Download Center)

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