

# Installation Guide

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RevFace15[TI]

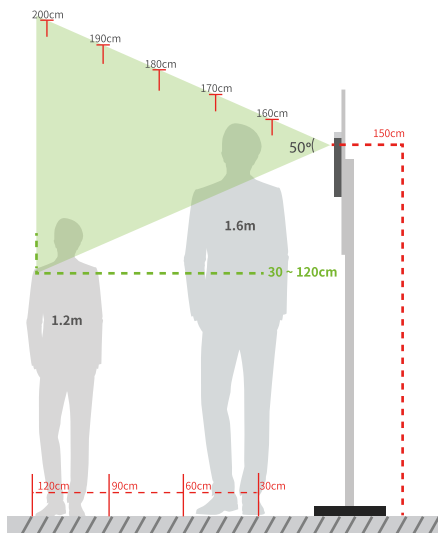
Version: 1.0

## Installation Requirements

The installation requirements and indicators associated with the temperature measurement is given below:

Specifications	Standard Value	Remark
<b>Operating Environment</b>	Use indoor, avoid wind and direct sunlight; 16°C to 35°C (60.8°F to 95°F)	The recommended operating temperature is 25°C (77°F).
<b>Distance (between face and device)</b>	30cm to 120cm (0.98ft to 3.94ft)	The recommended distance is 80cm (2.62ft).
<b>Measurement Deviation</b>	$\pm 0.3^{\circ}\text{C}$ ( $\pm 0.54^{\circ}\text{F}$ )	This value is tested in a distance of 80cm or 2.63ft under 25°C (77°F) environment.
<b>Note:</b> The temperature measurement data is only for reference, and not for any medical purposes.		

## Forehead Temperature Detection



### Indoor constant temperature environment

- **Installation Height:** 1.5m
- **FOV (Field of View) of the Thermal imaging Device:** 50°
- **Temperature Measurement Distance:** 0.3m to 1.2m
- **Height of the Face Adapted for Detection:** 1.2m to 2m

### Installation environment:



INSTALL INDOORS ONLY



AVOID INSTALLATION NEAR GLASS WINDOWS



AVOID DIRECT SUNLIGHT AND EXPOSURE

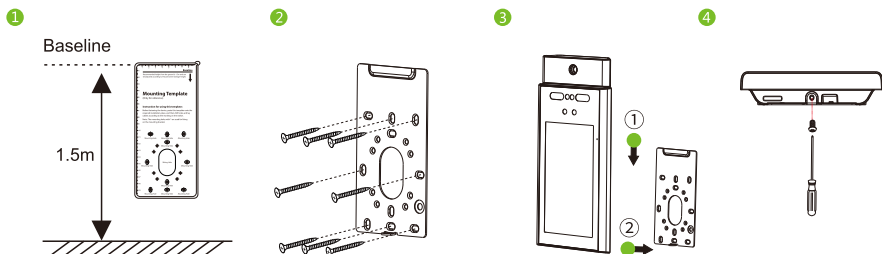


AVOID USE OF ANY HEAT SOURCE NEAR THE DEVICE

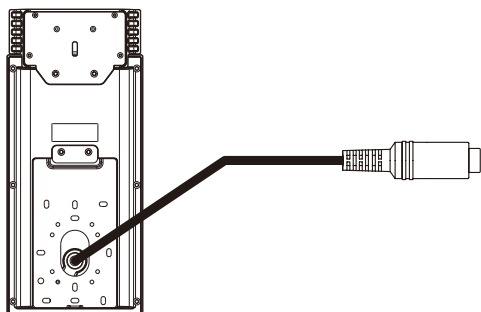
## Device Installation

### Installing on the wall

- 1 Place the mounting template sticker onto the wall, and drill holes according to the mounting paper.
- 2 Fix the back plate onto the wall using wall mounting screws.
- 3 Fix the device into back plate.
- 4 Use the safety screw to fasten the device to the back plate.



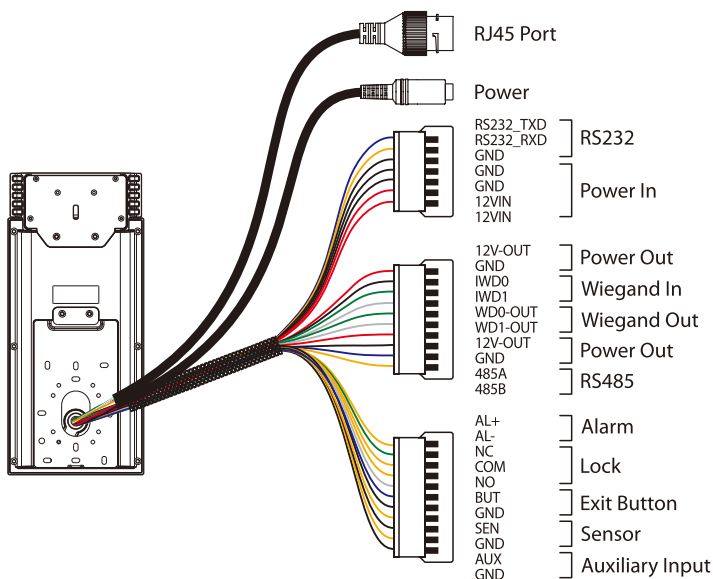
## Power Connection



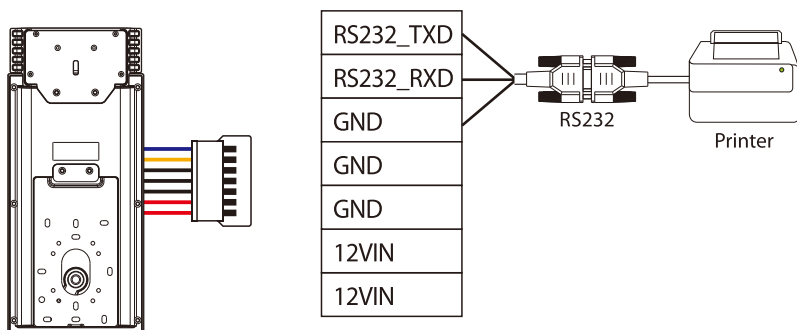
DC 12V, 3A

- Recommended AC adapter: 12V, 3A
- To share the power with other devices, use an AC adapter with higher current ratings.

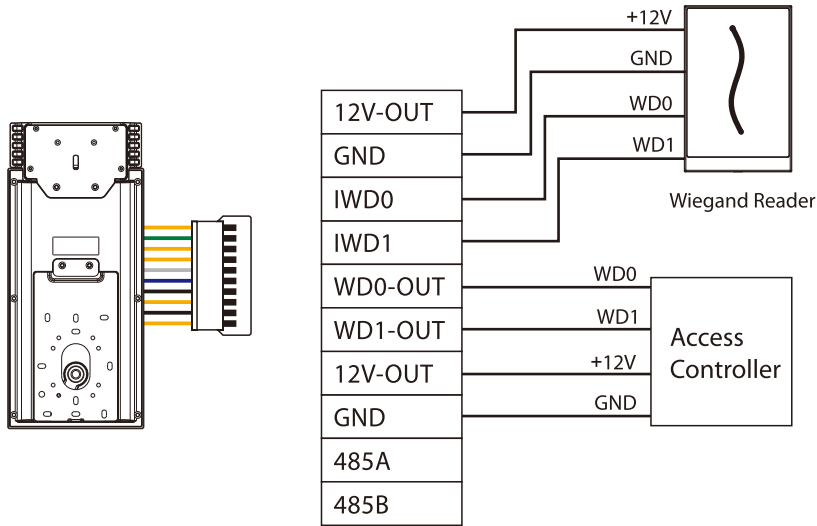
## Port Introduction



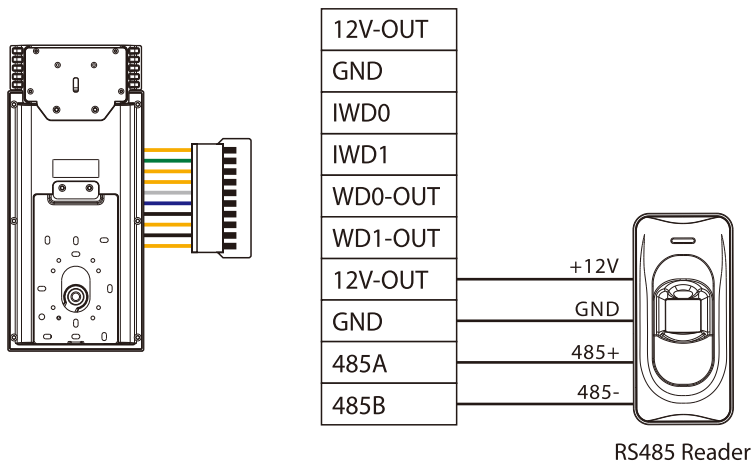
## Printer Connection



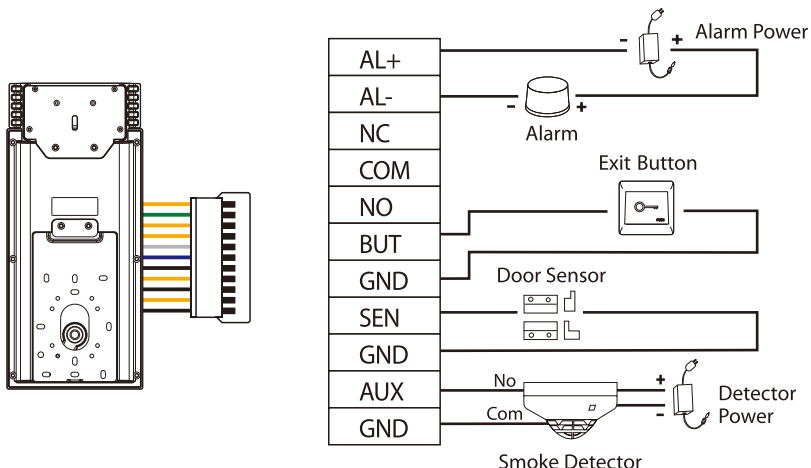
# Wiegand Reader Connection



# RS485 Connection



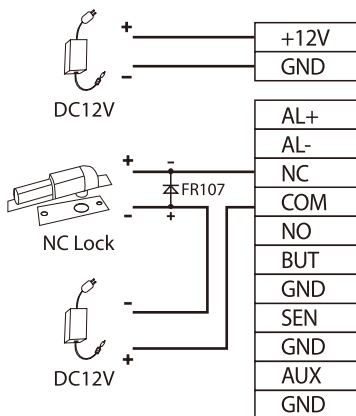
## Door Sensor, Exit Button & Alarm Connection



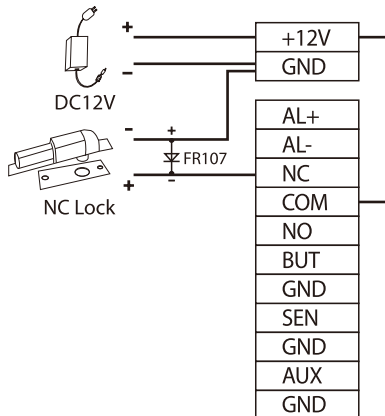
## Lock Relay Connection

The system supports both **Normally Opened Lock** and **Normally Closed Lock**. The **NO Lock** (normally open when powered) is connected with 'NO' and 'COM' terminals, and the **NC Lock** (normally close when powered) is connected with 'NC' 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

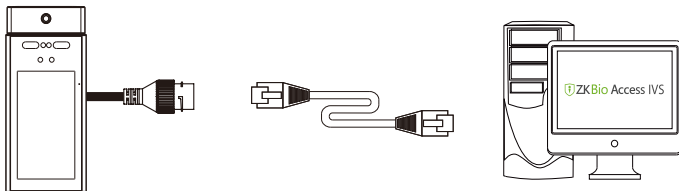


2) Device sharing power with the lock



## Ethernet Connection

Connect the device and the software over an Ethernet cable. An example is shown 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 [**Comm.**] > [**Ethernet**] > [**IP Address**], input the IP address and click [**OK**].

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

## Download Center

Use the mobile phone and scan the QR Code to download the User Manual, Installation Guide and Quick Start Guide.



*Download Center*

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