Installation Environment:

- The device should be at least 2 meters away from the light, and at least 3 meters away from the window.
- Make sure the environment illumination is more than 100 Lux.
- Indoor and wireless environment use only.

Do not wire the device to the electric supply directly.

The suggested external power supply for Wiegand card reader is 12 V, 1 A.

The suggested external power supply for door lock is 12 V, 1A.

The Wiegand terminal here is a Wiegand input terminal. You should set RS-485 card reader should use the common ground connection.

When connecting door magnetic sensor and exit button, the device and the output of external power supply fulfills LPS.

For easy installation, drill holes on mounting surface according to the supplied mounting template.

Use 2 supplied M4 screws to secure the device and the mounting plate.

Align the device with the mounting plate and hang the terminal on the mounting plate.

Route the cables through the cable hole of the mounting plate, and connect to the corresponding external devices’ cables.

The figures are for reference only.
3.2 Device Wiring (With Secure Door Control Unit)

- **Sensor Input**
  - 1.4m
  - 0.5m

- **Lock Output**
  - 1.43m to 1.90m

**Wiring Terminal**

- **Power**
- **NO**
- **C1**
- **C3**
- **B3**
- **B4**
- **B2**
- **White/Red**
- **White/Black**
- **Green/Black**
- **Green/Brown**
- **Black**

**Face Recognition Terminal**

- **Power In**
- **RS485 (B0)**
- **RS485 (B1)**
- **DC 12V 0.5A**

4 Activation

- Power on and wire the network cable after installation. You should activate the device before the first login.

5 Temperature Measurement Settings

1. Hold the screen surface and verify the identity to enter the main page.
2. Tap “Temperature” to enter the Temperature Settings page. Configure the parameters.

**Enable Temperature Detection**: When enabling the function, the device will authenticate the permissions and at the same time take the temperature. When disabling the device, the device will authenticate the permissions only.

**Door-Temperature Alarm Threshold**: Edit the threshold according to actual situation. If the detected temperature is higher than the configured one, an alarm will be triggered. By default, the value is 37.7°C.

**Door Not Open When Detecting Abnormal Temperature**: When enabling the function, the door will not open when the detected temperature is higher than the configured temperature threshold. By default, the temperature is enabled.

**Temperature Measurement Only**: When enabling the function, the device will not authenticate the permissions, but only take the temperature. When disabling the function, the device will authenticate the permissions and at the same time take the temperature.

**Measurement Area Calibration/Measurement Area Settings**: Configure the temperature measurement area and the correction parameters.

**Black Body Settings**: When enabling the function, you can configure the black body’s parameters, including the distance, temperature, and emissivity.

6 Adding Face Information

1. Hold the screen surface and verify the identity to enter the main page.
2. Enter the User Management page, tap to enter the Add User page.
3. Set the user parameters according to actual needs.
4. Top Face and collect the face information according to the instructions.
5. Set the posture and configure the face information, position your face looking at the camera when collecting or comparing face pictures.

**Tips When Collecting/Comparing Face Picture**

- Keep your expression naturally when collecting or comparing face pictures, just like the expression in the picture on the right.
- Do not wear hats, sunglasses, or other accessories that can affect the face recognition function.
- Do not make your hair cover your eyes, ears, etc. and heavy makeup is not allowed.

**Posture**

- In order to get a good quality and accurate face picture, position your face looking at the camera when collecting or comparing face pictures.

**Size**

- Make sure your face is in the middle of the collecting window.

**Recommended Height**: 1.45m to 1.90m

**Correct**

- **Tilt**
- **Side**
- **Raise**
- **Box**

- **Correct**

- **Too Close**
- **Too Far**

- **Position**

- **Too Low**
- **Recommended Height**
- **Too High**

**Regulatory Information**

- **FCC Information**
  - This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

- **IARC Statement**
  - The International Agency for Research on Cancer has determined that electromagnetic fields are possibly carcinogenic to humans.

- **Battery Disposal**
  - Batteries shall be disposed of properly at a battery collection point or in the manner designated by the government.

- **Safety Instruction**
  - Turn off the device before handling it. (We shall not assume any responsibility for any accident or damage caused by improper use of the device.)

- **Warnings**
  - Neglecting any of the warnings may cause serious injury or death.
  - Warning: Neglecting any of the warnings may cause serious injury or death.

- **Grounding**
  - All the electronic operation should be strictly compliance with the electrical safety regulations, fire protection regulations, and national construction regulations.

- **Regulations**
  - Operation of this device is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

- **Connection**
  - The power adapter should be connected to a wall socket which is in accordance with the local regulations.

- **Maintenance & Repair**
  - Never attempt to disassemble the device yourself. (We shall not assume any responsibility for any accident or damage caused by improper use of the device.)

- **Disposal**
  - Please keep all wrappers after unpacking for future use. In case of any failure occurred, you need to contact your dealer or the nearest service center.

- **Temperature Measurement Settings**
  - Temperature measurement is only applicable to and specified environments. If you require a higher security level, use multiple authentication modes.