1 Installation

Installation Environment:
- Indoor and outdoor installation are supported. If installing the device indoors, the device should be at least 2 meters away from the light, and at least 3 meters away from the window or the door.
- If installing the device outdoors, you should apply Silicone sealant among the cable wiring area to keep the raindrop from entering.
- Make sure the environment illumination is more than 100 Lux.

Before you start:
- According to the baseline on the mounting template, stick the mounting template on the wall or other surface, 1.4 meters higher than the ground.
- Make sure the output of external power supply fulfills UPS.

Steps:
1. Drill holes on the wall or other surface according to the mounting template and install the gang box.
2. Use two supplied screws (SC-M4x12TP10-SUS) to secure the device and the mounting plate.
3. Insert the fingerprint module to the holes at the boom of the main part.
4. Make sure the two sheets on each side of the mounting plate have been in the holes at the back of the device.
5. Make sure the sheets on the two sides of the mounting plate have been in the holes at the back of the device.

2 Wiring (Normal)

Power Input:
- Use only powered supplies listed in the user manual.

Alarm input:
- The alarm output terminal is a Wiegand input terminal.

Alarm Output:
- When connecting door contact and exit button, you should use the same common ground connection.
- The Wiegand terminal here is a Wiegand input terminal.

Wiegand:
- The Wiegand terminal here is a Wiegand input terminal.
- The Wiegand terminal here is a Wiegand input terminal.

Network Interface:
2.2 Device Wiring (With Secure Door Control Unit)

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

1. Use finger to hold the screen surface for 3 s and slide to right/left and enter the activation password to enter the home page.
2. Login the User Management page, tap + to enter the Add User page.
3. Set the user parameters according to actual needs.
4. Only the device with the fingerprint module support the fingerprint function.
5. Tap Face and add the face information according to the instructions. You can view the captured face picture on the screen, Make sure the face picture in the good quality and size.
6. For details about the face and expressions when collecting or comparing face pictures, please refer to the next part.
7. If the lighting is in good condition, tap the ▼/▲ button to take another face picture.
8. Tap the arrow icon to save the settings.
9. Go back to the initial page to start authentication. For other authentication methods, refer to the user manual.

User other authentication methods if the device is affected by the light or other items.

1/1 Matching: The device will compare the captured face picture with the ones in the database.
1/1 Matching: The device will compare the captured face picture with the user-linked face picture.

4 Add Face Picture

Tips When Collecting/Comparing Face Picture

Expression
- Keep your expression naturally when collecting or comparing a face picture, just like the expression in the picture on the right.
- Do not wear hat, sunglasses, or other accessories that can affect the facial recognition function.
- Do not make your hair cover your ears, eyes, 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 a face picture.

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

- Regular Operation Information

FCC Information
- Possible interference that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.
- 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 received, including interference that may cause undesired operation.

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Please keep all wrappers aer unpack them for future use. In case of any failure or products used that are disposed of as unsorted municipal waste in the European Union. For proper recycling, return the baery to the product documentaon for specific baery informaon. The baery is be disposed of as unsorted municipal waste in the European Union. For products used that are disposed of as unsorted municipal waste in the European Union.}

3 Quick Operation

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

If the device is not activated yet, it will enter the Activation page after powering on.

1. Tap Activate to activate the device
2. Tap other authentication methods, see the device user manual.

3. Set Language
- Select a language from the drop-down list.

- Correct
- Too Close
- Too Far

- Recommended Height: 1.43 m to 1.90 m
- Too High
- Too Low

- 0.5 m
- 0.5 m
- 1.4 m
- 1.4 m
- 1.6 m
- 1.6 m
- 1.2 m
- 1.2 m

- Secure Door Control Unit

Power Supply (With Secure Door Control Unit

- 12V 0.5A
- 485+
- 485-
- Green/Brown
- White/Red
- Black
- Yellow
- Blue
- Secure Unit
- Exit Button
- Sensor Input
- Power Input
- SENSOR
- GND
- GND
- C2
- C2
- B4
- B2
- C1

- Face Recognition Terminal

- Power Input: 12V - 12V
- Sensor Input: 5V - 5V
- Exit Button: 5V - 5V
- Lock Out: 5V - 5V
- GND: 0 V

- The secure door control unit should connect to a external power supply separately. The suggested external power supply is 12V, 0.5A.