1 Installation

Installation Environment:
- Avoid backlights, direct sunlight, and indirect sunlight.
- For better recognition, there should be light source in or near the installation environment.

Installation with Gang Box:
1. Before you start:
   - According to the baseline on the mounting template, stick the mounting template on the wall or other surface, 1.45 meters higher than the ground.
   - Leave some space of external power for easy access.

2. Drill holes on the wall or other surface according to the mounting template and install the gang box.

3. Use two supplied screws (SD-M4x45-A65 or SD-A4x35-Z55) to secure the mounting plate on the gang box.

4. Route the cables through the cable hole of the mounting plate, and connect the terminals with external devices’ cables.

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

6. Use one supplied screw to secure the device and the mounting plate.

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2 Device Wiring (Normal)

Connection with Gang Box:
- Connect the device to the gang box using the supplied cable.
- Connect the cables to the corresponding terminals on the device.
- Connect the power supply to the device.

Connection with Wall Plate:
- Connect the device to the wall plate using the supplied cable.
- Connect the cables to the corresponding terminals on the device.
- Connect the power supply to the device.

Notes:
- The power input should be 12 VDC, 1.5 A, 18 W.
- Do not wire the device to the electric supply directly.
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4 Activation

- **Activate via Device**
  - Power on and use 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.
  - **Steps:**
    1. Create a password and confirm the password.
    2. **Tap** Activate to the device.
   
   Note: For other activation methods, see the device user manual.
   
   3. **Set** application mode and read mode by following the instructions according to your actual needs.

- **Activate via SDAP Tool**
  - 1. Download SDAP Software
  - 2. Connect the device from the software.
  - 3. Install and run the software.
  - 4. **Activate** device.
  - **Check** the inactive device from the device list. Create a password in the right side of the interface and confirm the password.
  - 5. **Edit Device IP Address**
  - 6. Check the device and manually edit the device IP address, Port No., Subnet Mask, Gateway, etc.

- **Activate via Client Software**
  - 1. Get the client software from the official website. Install and run the client software.
  - 2. **Enter** the Device Management page.
  - 3. **Click** Device tab on the top right of the panel.
  - 4. **Click** Online Device to show the online device area at the bottom of the page.
  - 5. **Search** the online devices are displayed in the list.
  - 6. **Check** the device status (shown on Security Level column) and select an inactive device.
  - 7. **Click** Activate to open the Activation dialog.
  - 8. **Create** a password in the password field, and confirm the password.
  - 9. **Tap** CK to activate the device.
  - 10. **Select** an activated device in Online Device area, click the Operation column to open the Modify Network Parameter window.

- **Steps:**
  - 1. Get the client software from the official website. Install and run the software.
  - 2. **Activate** Device and run the software.

Note: For details about the tips and positions when collecting or comparing face pictures, see:

- Comparing Face Picture
- Tips When Collecting/Comparing Face Picture

5 Adding Face Information

1. Long tap the initial page and input the activation password to enter the main menu.
2. Enter the User Management page, tap to enter the Add User page.
3. **Tap** Face to collect the face information according to the instructions.
4. You can view the captured picture at the upper right corner of the page. Make sure the picture is good quality and size. For details about the tips and positions when collecting or comparing the face picture, see the contents on the right.
5. If the picture is in good condition, tap to save the picture. **Quit** to take another face picture.
6. Go to the initial page to start authentication. For other authentication methods, see the device user manual.

**Recommended:** Use other authentication methods if the device is affected by light or other items.

**1/1 Matching:** Compare the captured face picture with all-face pictures stored in the device.

**Biometric recognition results are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.**