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.
1. Make sure the output of external power supply fulfils LPS.

Steps:
1. Drill holes on the wall or other surface according to the mounting template and install the gang box. Use two supplied screws (M4×12TP10-SUS) to secure the mounting plate on the gang box.
2. Use another four supplied screws to secure the mounting plate on the wall.
3. Route the cables through the cable hole of the mounting plate, and connect to the corresponding external devices’ cables.
4. Use Silicone sealant among the cable wiring area to keep the raindrop from entering.
5. Insert the fingerprint module to the holes at the bottom of the main part.
6. Align the device with the mounting plate and hang the terminal on the mounting plate.
7. Use two supplied screws (SC-M4×12TP10-SUS) to secure the device and the mounting plate.
8. Make sure the two sheets on each side of the mount plate have been in the holes at the back of the device.
9. The installation height here is the recommended height. You can change it according to your actual needs.
10. You can also install the device on the wall or other places without the gang box. For details, refer to the User Manual.
11. Drill holes on mounting surface according to the supplied mounting template.

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.
1. Make sure the output of external power supply fulfils LPS.

Steps:
1. Drill holes on the wall or other surface according to the mounting template and install the gang box. Use two supplied screws (M4×12TP10-SUS) to secure the mounting plate on the gang box. Use another four supplied screws to secure the mounting plate on the wall. Route the cables through the cable hole of the mounting plate, and connect to the corresponding external devices’ cables.
2. Use Silicone sealant among the cable wiring area to keep the raindrop from entering.
3. Insert the fingerprint module to the holes at the bottom of the main part.
4. Align the device with the mounting plate and hang the terminal on the mounting plate.
5. Use two supplied screws (SC-M4×12TP10-SUS) to secure the device and the mounting plate.
6. Make sure the two sheets on each side of the mount plate have been in the holes at the back of the device.
7. The installation height here is the recommended height. You can change it according to your actual needs.
8. You can also install the device on the wall or other places without the gang box. For details, refer to the User Manual.
9. Drill holes on mounting surface according to the supplied mounting template.

2.1 Device Wiring (Without Secure Door Control Unit)

When connecting door magnetic sensor and exit button, the device and the RS-485 card reader should use the common ground connection.

The Wiegand terminal here is a Wiegand input terminal. You should set the face recognition terminal’s Wiegand direction to “Input”. If you should connect to an access controller, you should set the Wiegand direction to “Output”. For details, see Setting Wiegand Parameters in Communication Settings in the user manual.

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

Do not wire the device to the electric supply directly.

Use only power supplies listed in the user instructions:

<table>
<thead>
<tr>
<th>Model</th>
<th>Manufacturer</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADS-24S-12</td>
<td>Shenzhen Honor Electronic Co., Ltd</td>
<td>CEE</td>
</tr>
<tr>
<td>(NC)</td>
<td></td>
<td>(NC)</td>
</tr>
<tr>
<td>(COM)</td>
<td></td>
<td>(COM)</td>
</tr>
<tr>
<td>(NO)</td>
<td></td>
<td>(NO)</td>
</tr>
</tbody>
</table>
2.2 Device Wiring (With Secure Door Control Unit)  

2.3 Activation  

5 Adding Face Information  

Tips When Collecting/Comparing Face Picture Expression  

Keep your expression naturally when collecting or comparing face pictures, just like the expression in the picture on the right.

- Do not wear hat, sunglasses, or other accessories that can affect the facial recognition functions.
- 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.

- Correct Tilt
- Raise Side
- Bow
- Tilt
- Side
- Bow
- Correct Tilt
- Raise Side
- Bow

Size  

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

4 Two-way Audio  

After adding the device to the client software, you can collect the face information from the client software, then confirm the face information from the device, and finally call the center from the device.

- **Caller Client from Device**: After adding the device to the client software, tap and save the settings. If the device is added by multiple client softwares and when the device is adding the client software only, the first client software added device will pop up the call receiving window.

- **Caller Center from Device**: After adding the device and center to the client software, tap and enter the Live View page. Right click the live view window and click Start Two-Way Audio to start two-way audio.

- **Call Indoor Station from Device**: After adding the device and center to the client software, link the added user and the added indoor station, and then tap Call Indoor Station to call the indoor station.

- **Call Device from Client Software**: After adding the device and center to the client software, tap to enter the pop-up window, and tap Answer on the pop-up window to begin the call.

3.1 Matching: The device will compare the captured face picture with the ones in the database.

3.2 Matching: The device will compare the captured face picture with the user linked face picture.

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