Face Recognition Terminal

Quick Start Guide

UD192908-C

About this Manual

This Manual includes instructions for using and managing the Product. Pictures, charts, images, and all other information herein are for description and explanation only. The information contained in the Manual is for reference only. Hikvision does not make any warranties, guarantees or representations, express or implied, regarding to the Manual, any information contained herein.

Trademarks Acknowledgement

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Trademarks

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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 1224GPG</td>
<td>MOSO Power Supply Technology Co., Ltd.</td>
<td>BS</td>
</tr>
<tr>
<td>C2000IC12.0-24P-GB</td>
<td>MOSO Power Supply Technology Co., Ltd.</td>
<td>CEE</td>
</tr>
<tr>
<td>C2000IC12.0-24P-DE</td>
<td>MOSO Power Supply Technology Co., Ltd.</td>
<td>CE</td>
</tr>
</tbody>
</table>

1 Appearance

White Light  IR Light  Lr Light  Camera  Touch Screen

2 Installation

Installation Environment:

- Sunlight: Avoid direct sunlight, which may affect the measurement result.
- Indirect sunlight: Avoid sunlight or light source in or near the installation environment.
- Sunscreen: The shade will take the heat away, which may affect the measurement result.

Before you start:
- Make sure the ground surface has drilled holes for device installation.
- Align the device with the drilled holes on the ground and install accordingly.

Steps:
- Remove the two bottom screws (2-SC-KM3×5B-JMF) on both sides of the bottom cover. And remove the bottom cover.
- Align the device with the drilled holes on the ground and insert 3 supplied expansion bolts (M8x55). Make sure the expansion bolts are higher than the ground.
- Secure the expansion bolts with nuts.
- Install the bottom cover back on the device with 2 bottom screws.

3.1 Device Wiring (Normal)

The wiring diagram of RS-485 and Door Lock on the left is shown below:

- The suggested external power supply for door lock is 12 V, 1A.
- Before connecting door contact and exit button, you should wait for 90 min after the device is powered on.

Temperature Measurement Environment:

- Sunlight: Avoid direct sunlight, which may affect the measurement result.
- Indirect sunlight: Avoid sunlight or light source in or near the installation environment.
- Sunscreen: The shade will take the heat away, which may affect the measurement result.

Influence Factors of Temperature Measurement:

- Air Conditioner (Heat) or Heating: If the indoor temperature is high, the surface temperature may be higher than the actual temperature, which may affect the measurement result.
- Air Conditioner (Cool) or Refrigeration: If the indoor temperature is low, the surface temperature may be lower than the actual temperature, which may affect the measurement result.
- The device may be affected by wind.
- The sweat will take the heat away, which may affect the measurement result.

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During the use of device, personal data will be collected, stored and processed. To protect data, the development of Hikvision devices incorporates privacy by design principles. For example, for device with bio-recognition features, biometrics data is stored in your device with encryption method; for fingerprint devices, only fingerprint template will be saved, which is impossible to reconstruct a fingerprint image.

To safeguard personal data, such as, implementing reasonable administrative and physical security controls, the device is designed to store and process personal data securely. For example, the device will not store biometric data in the cloud, but on the device only.

In the event of any conflicts between this manual and the applicable law, the latter prevails.
3.2 Device Wiring (With Secure Door Control Unit)

Secure Door Control Unit

Power Input: 220VAC

Sensor Input: 24VDC

Exit Input: 24VDC

Lock Output: COM/NO

RS-485: B1, B2, B3, B4, C1, C2, C3

The secure door control unit should connect to an external power supply separately. The suggested external power supply is 12V DC, 1A.

4 Activation

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

Steps:
1. Create a password and confirm the password.
2. Tap Activate to activate the device.

For other activation methods, see the device user manual.

Tips When Collecting/Comparing Face Picture

Expression
- Keep your expression natural when collecting or comparing face pictures, just like the expression on the picture on the right.
- Do not wear hats, sunglasses, or other accessories that can affect the facial 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.

Positions When Collecting/Comparing Face Picture (Recommended Distance: 0.5m)

5 Temperature Measurement Settings

1. Hold the screen surface for 3 and slide to right/left 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.
- Over-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 set to 37°C. Tolerance: ±1°C.

Temperature Compensation: If the measured temperature is lower/higher than the actual object’s temperature, you can set the compensation temperature range. Available range: -30°C to 99°C.

- Do Not Open When Detecting Abnormal Temperature: When enabling the function, the device 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.

Select a temperature unit according to your preference.

6 Add Face Picture

1. Hold the screen surface for 3 and slide to right/left 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. Tap Face Add the face add the face information according to the instructions.

You can view the captured picture on the screen. Make sure the face picture is in good quality and size. For details about the tips and positions when collecting or comparing the face picture, see the contents on the right.

- If the picture is in good condition, tap ✔.
- Or tap ✗ to take another face.

5. Tap the save icon to save the settings.

Go back to the initial page to start authentication.

For other authentication methods, see the device user manual.

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

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

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