**1 Installation**

**Type:** Wall Mounting and Base Mounting

**Before you start:** According to the baseline on the mounting template, stick the mounting template on the wall or other surface, 1.1 meters higher than the ground.

**Steps:**
1. Drill holes on the wall or other surface according to the supplied mounting template and install the gang box (80mm×80mm).
2. Use two supplied screws to secure the mounting plate on the gang box.
3. Remove the two screws at the bottom of the device.
4. Align the terminal with the mounting plate and buckle them together.
5. Use a hex wrench to fasten the two screws at the bottom.

**Notes:**
1. The installation height here is the recommended height. You can change it according to your actual needs.
2. You can also install the device on the wall or other places without the gang box. For details, refer to the User Manual.
3. For easy installation, drill holes on mounting surface according to the supplied mounting template.

---

**2.1 Device Wiring (Without Secure Door Control Unit)**

**Device Wiring Terminals**

- **External Power Supply**
  - 12V GND 485+ 485- NC COM NO SEN B GND COM NO NC INV M2 GND TEMP BZ ER OK W1 W0

- **Access Controller**
  - Wiegand Output Mode
    - 12V GND WIRE NC COM NO SEN B GND COM NO NC INV M2 GND TEMP BZ ER OK W1 W0

- **Card Reader**
  - Wiegand Input Mode
    - 12V GND WIRE NC COM NO SEN B GND COM NO NC INV M2 GND TEMP BZ ER OK W1 W0

**Device Wiring Terminals**

- **Door Magnetic Sensor**
- **Exit Button**
- **Alarm Device**
- **Tamper Sensor**
- **Power Interface**
- **Battery Connector**
- **USB Interface**
- **Micro SIM Card Slot**
- **Loudspeaker**
- **Camera**
- **Supplement**

**Dimensions:**

- **190mm**
- **127.8mm**
- **133.8mm**
- **57.6mm**
- **97.6mm**

---

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

Note: The secure door control unit should connect to an external power supply separately.

3 Activation

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

Activating via Device

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

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

Note: For other activation methods, see the device user manual.

4 Adding Face Information

1. Tap the settings icon at the lower right corner of the initial page and input the activation password to enter the main page.
2. Enter the User Management page, tap + to enter the Add User page.

Note: The device will not support the fingerprint collection function if the device model name contains F.

Recommended:

- Use 1:1 Face Matching when the face is hard to recognize.
- Use 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:N Matching: The device will compare the captured face picture with the input employee ID linked face picture.

Note: If you require a higher security level, do not use single authentication.

Tips When Collecting/ Comparing Face Picture

Expression

- Keep your expression naturally when collecting or comparing face pictures, just like the expression on the picture in the right.
- Do not wear hat, 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.

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

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

Recommended Height: 1.43m to 1.90m

Correct

- Tilt
- Side
- Raise
- Bow

Correct Too Close

Correct Too Far

Too Low

Too High

Height: 1.43m to 1.90m

Back and Forth

Tip: When Collecting/Comparing Face Picture

- Do not do anything with your face that can affect the facial recognition function.
- Do not make your hair cover your eyes, ears, etc., and heavy makeup is not allowed.
- Do not wear hat, sunglasses, or other accessories that can affect the facial recognition function.
- Do not wear hat, sunglasses, or other accessories that can affect the facial recognition function.

3. For details about the tips and positions when collecting or comparing face pictures, follow the instructions.

Recommended:

- Use 1:1 Face Matching when the face is hard to recognize.
- Use 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:N Matching: The device will compare the captured face picture with the input employee ID linked face picture.

Note: If you require a higher security level, do not use single authentication.

FCC Information

Please take actions that changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

See the product documentation for specific information.

Regulatory Information

This manual is applied for face recognition terminal.

Scan the QR code to get the user manual for detailed information.

Note that mobile data charges may apply if Wi-Fi is unavailable.

MOSO Power Supply Technology Co., Ltd.

C2000C12.0-24P-DE

MOSO Power Supply Technology Co., Ltd.

C1200C12.0-24P-DE

MOSO Power Supply Technology Co., Ltd.

C1200-245-123240PS

MOSO Power Supply Technology Co., Ltd.

C1200-245-123240PS

www.recyclethis.info

This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include labeling to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

If you are interested in our products, please contact us.

www.recyclethis.info

If you are interested in our products, please contact us.

www.recyclethis.info