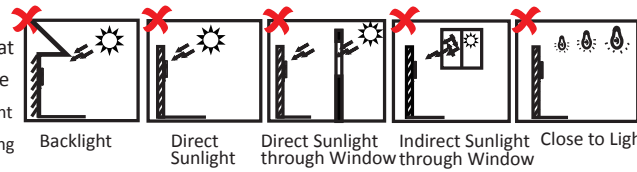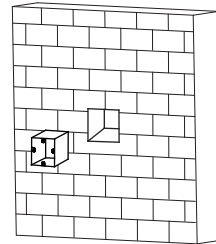# 1 Installation

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 device to keep the raindrop from entering.

The additional force shall be equal to three times the weight of the equipment but not less than 50N. The equipment and its associated mounting means shall remain secure during the installation. After the installation, the equipment, including any associated mounting plate, shall not be damaged.
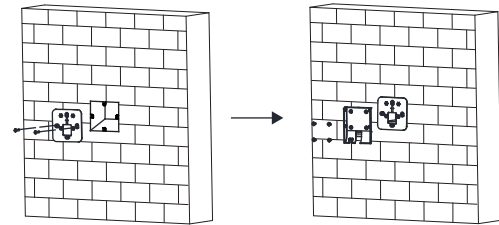

Backlight | Direct Sunlight | Direct Sunlight through Window | Indirect Sunlight through Window | Close to Light

Wall Mounting:

❶ Make sure the gang box is installed on the wall.

❸ Align the device with the mounting plate and hang the terminal on the mounting plate.

❷ Use 2 supplied screws (SC-K1M4×6-SUS) to secure the base plate on the gang box.
Route the cables through the cable hole of the mounting plate, and connect to the corresponding external devices' cables.
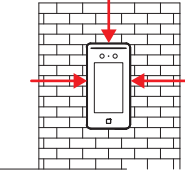Use another 4 supplied screws (KA4×22-SUS)to secure the mounting plate on the base plate.
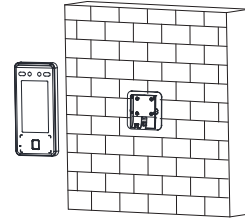
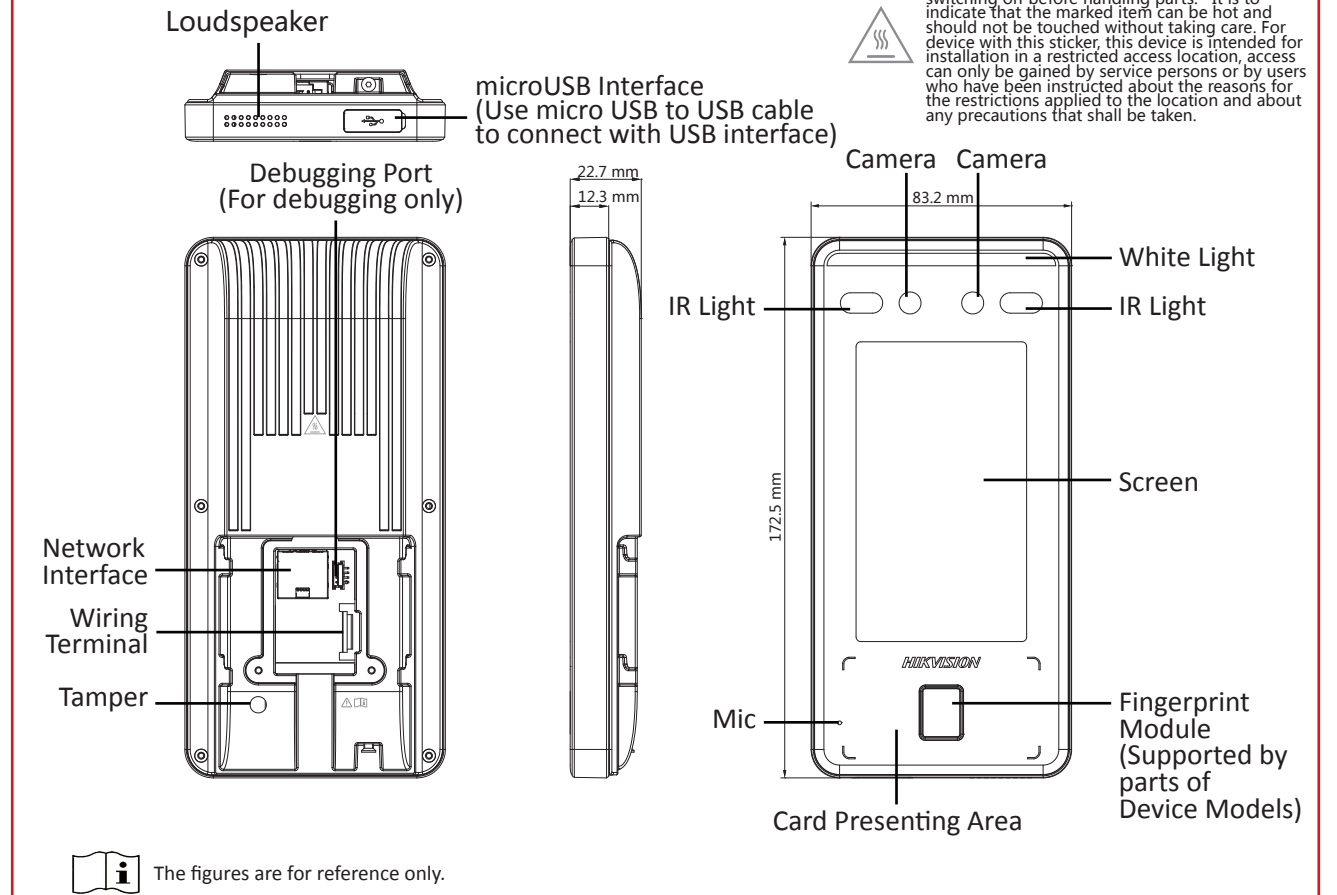❹ Use 1 supplied screw (SC-KM3X6-H2-SUS) to secure the device and the mounting plate.
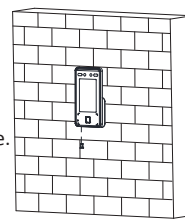
❺ Apply Silicone sealant among the joints between the device rear panel and the wall (except the lower side) to keep the raindrop from entering.
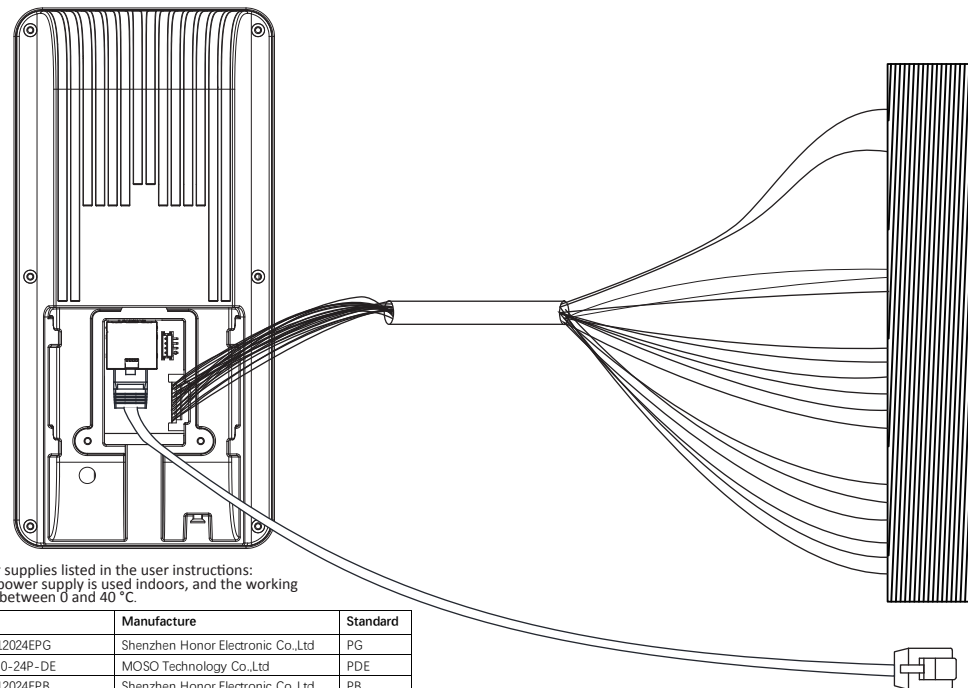
You can also install the device on the wall or other places without the gang box. For details, refer to the User Manual.


Scan the QR code to get the user manual for detailed information.
Note that mobile data charges may apply if Wi-Fi is unavailable.

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2 Appearance

- Loudspeaker
- microUSB Interface (Use micro USB to USB cable to connect with USB interface)
- Debugging Port (For debugging only)
- Network Interface
- Wiring Terminal
- Tamper
- 22.7 mm
- 12.3 mm
- 172.5 mm
- 83.2 mm
- Camera   Camera
- White Light
- IR Light
- IR Light
- Screen
- Mic
- Fingerprint Module (Supported by parts of Device Models)
- Card Presenting Area

The figures are for reference only.

3.1 Device Wiring (Normal)

Power Input — Group A

+12V	A1	Red
GND	A2	Black

RS-485 — Group B

485+	B1	Yellow
485-	B2	Blue
GND	B3	Red/Black

Wiegand — Group C

W0	C1	Green
W1	C2	White
GND	C3	White/Black

12V External Power Supply
Wiegand Card Reader

Door Lock — Group D

NC	D1	White/Purple	(NC)
COM	D2	White/Yellow	(COM)
NO	D3	White/Red	(NO)
SENSOR	D4	Yellow/Green	
GND	D5	Black	
BTN	D6	Yellow/Gray	
GND	D7	Yellow/Black	

Eletric Dropbolt
Power Supply
Eletric Strike
Door Contact
NO / COM / NC
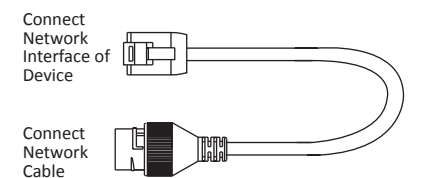NO / COM / NC
Exit Button

Network Interface

Use only power supplies listed in the user instructions:
Make sure the power supply is used indoors, and the working temperature is between 0 and 40 °C.

Model	Manufacture	Standard
ADS-26FSG-12 12024EPG	Shenzhen Honor Electronic Co.,Ltd	PG
MSA-C2000IC12.0-24P-DE	MOSO Technology Co.,Ltd	PDE
ADS-26FSG-12 12024EPB	Shenzhen Honor Electronic Co.,Ltd	PB
ADS-26FSG-12 12024EPCU/EPC	Shenzhen Honor Electronic Co.,Ltd	PCU
ADS-26FSG-12 12024EPI-01	Shenzhen Honor Electronic Co.,Ltd	PI
ADS-26FSG-12 12024EPBR	Shenzhen Honor Electronic Co.,Ltd	PBR
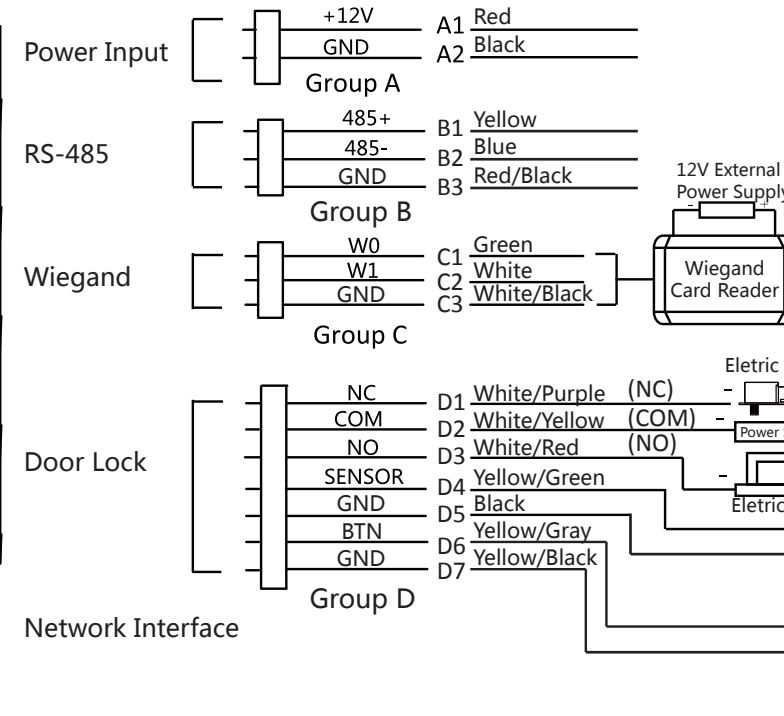
- When connecting door magnetic sensor and exit button, the device and the RS-485 card reader should use the common ground connection.
- The Wiegand terminal here is a Wiegand input terminal. You should set the face recognition terminal's Wiegand direction to "Input". If you connect to an access controller, 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, 1A.
- The suggested external power supply for Wiegand card reader is 12 V, 1 A.
- For wiring the fire system, see the user manual.
- If the interface for network connection is too large, you can use the supplied cable as shown below.

Connect Network Interface of Device
Connect Network Cable

3.2 Device Wiring (With Secure Door Control Unit)

Face Recognition Terminal — Secure Door Control Unit

Power Input
- +12V — A1 Red +12V
- GND — A2 Black GND

Sensor Input
- SENSOR — B1 Green/Brown NO
- GND — B2 Black COM / NC
- Door Contact

Exit Button
- BUTTON — B3 Green/Black NO
- GND — B4 Black COM / NC
- Exit Button

Lock Output
- NC — C1 White/Purple (NC) — Electric Dropbolt
- COM — C2 White/Black (COM)
- NO — C3 White/Red — Power +
- Electric Strike (NO)

RS-485
- 485+ B1 Yellow
- 485- B2 Blue
- GND B3 Red/Black

Secure Door Control Unit Wiring Terminal

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

4 Activation

Power 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 Activate Device page after powering on.

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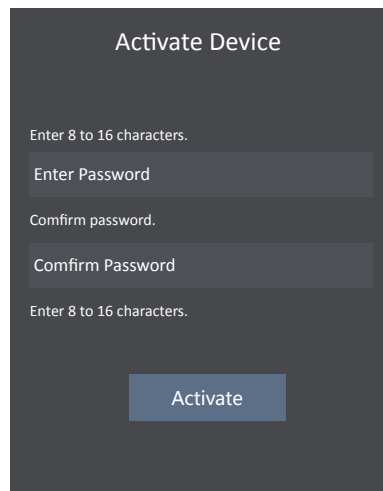1. Create a password and confirm the password.
2. Tap **Activate** to activate the device.

ⓘ For other activation methods, see the device user manual.

⚠️ STRONG PASSWORD RECOMMENDED–
We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

Activate Device

Enter 8 to 16 characters.

Enter Password

Comfirm password.

Comfirm Password

Enter 8 to 16 characters.

Activate

5 Two-Way Audio

After adding the device to the client software, you can call the device from the client software, call the client software from the device, call the center from the device, or call the indoor station from the device.

● **Call Client Software from Device**
After adding the device on the client software, tap 📞 -> 🔵, and tap **Answer** on the pop-up window on the client software to start two-way audio.

ⓘ If the device is added by multiple client softwares and when the device is calling the client software, only the first client software added the device will pop up the call receiving window.

● **Call Center from Device**
After adding the device and center on the client software, tap 📞 -> 🔵 to call the center. When the center answers the call, you can start two-way audio.

ⓘ The device will call the center in priority when tap the administrator icon.

● **Call Device from Client Software**
After adding the device on the client software, you can 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 the indoor station on the client software, link the added user and the added indoor station, and set a room No. for the indoor station.
Tap 📞 and enter the room No. And tap OK to call the indoor station.

6 Add Face Picture

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. Enter the User Management page, tap + to enter the Add User page.
3. Set the user parameters according to actual needs.
   ⓘ Only the devices with the fingerprint module support the fingerprint related functions.
4. Tap Face and collect 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.
5. If the picture is in good condition, tap the save icon.
   Or tap the try again icon to take another face picture.
6. Tap the save icon save the settings.
   Go back to the initial page to start authentication.
   For other authentication methods, see the device user manual.

Recommended:
Use other authentication methods if the device if affected by the light or other items.
1:N 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.

⚠️ Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.
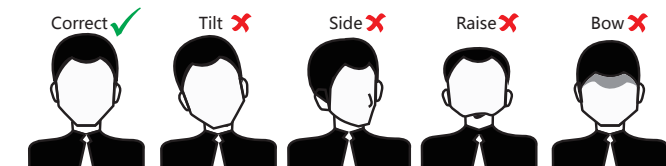
Tips When Collecting/Comparing Face Picture

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 function.
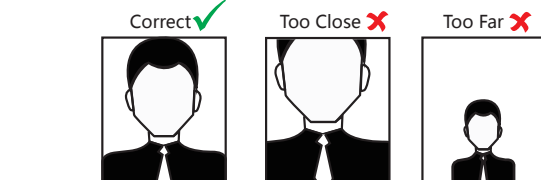● Do not make your hair cover your eyes, ears, etc. and heavy makeup is not allowed.

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.
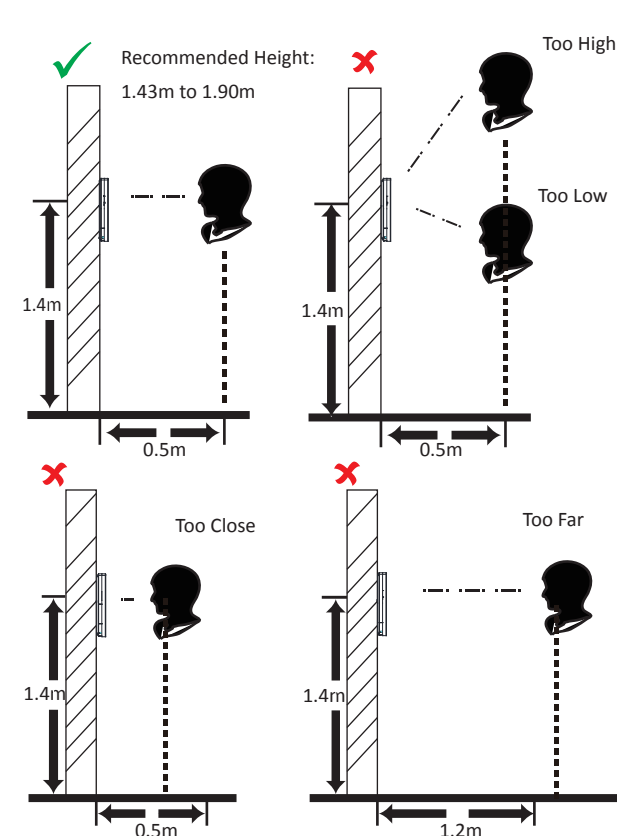

Correct✓ Tilt✗ Side✗ Raise✗ Bow✗

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

Correct✓ Too Close✗ Too Far✗

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

✓ Recommended Height:
1.43m to 1.90m

✗ Too High

✗ Too Low

1.4m / 0.5m

1.4m / 0.5m

✗ Too Close

✗ Too Far

1.4m / 0.5m

1.4m / 1.2m

Regulatory Information

Safety Instruction
These instructions are intended to ensure that user can use the product correctly to avoid danger or property loss.
The precaution measure is divided into Warnings and Cautions:
Warnings: Neglecting any of the warnings may cause serious injury or death.
Cautions: Neglecting any of the cautions may cause injury or equipment damage.

⚠️ **Warnings**
● All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.
● Please use the power adapter, which is provided by normal company. The power consumption cannot be less than the required value.
● Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
● Please make sure that the power has been disconnected before you wire, install or dismantle the device.
● When the product is installed on wall or ceiling, the device shall be firmly fixed.
● If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
● If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

⚠️ **Cautions**
● Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
● Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
● The device cover for indoor use shall be kept from rain and moisture.
● Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
● Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.
● Please use the provided glove when open up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.
● Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.
● Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and lead to additional costs.
● Risk of explosion if the battery is replaced by an incorrect type
● Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
● This equipment is not suitable for use in locations where children are likely to be present.
● Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
● Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.
● Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
● Dispose of used batteries according to the instructions
● Indoor use. When 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.