Door Station

Quick Start Guide

UD47433B

Scan or tap the QR code to access the User Manual for detailed information.

Quick Flow Chart

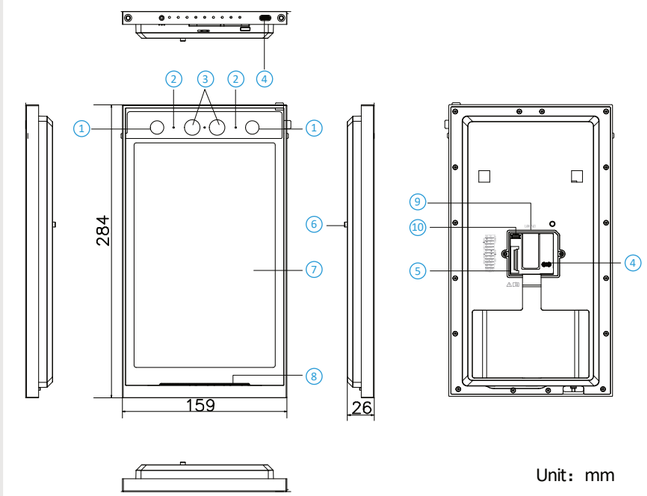
1. Wiring and Terminal
2. Appearance
3. Installation
4. Activation and Quick Configuration

1 Wiring and Terminal

Red	12VDC
Black	GND
Yellow	485A+
Blue	485A-
Black	GND
Green	Reserved
White	Reserved
Black	GND
Orange	W0
Pink	W1
Black	GND
White/Blue	NC1
White/Green	COM1
White/Red	NO1
Purple	NC2
Gray	COM2
Brown	NO2
Yellow/Red	AIN1
Yellow/White	AIN2
Yellow/Green	AIN3
Yellow/Gray	AIN4
Black	GND
Yellow/Purple	NC (Reserved)
Yellow/Brown	COM (Reserved)
Yellow/Blue	NO (Reserved)

2 Appearance

- Power Supply: DC12V, standard PoE AT protocol.
- When powered by PoE, the door station can not support supplying power to electric lock. A separate power source is required if you want to power the lock.



No.	Name
1	IR Supplement Light
2	Microphone
3	Camera
4	Type-C Interface
5	Wiring Terminal
6	TAMPER
7	Screen
8	Loudspeaker
9	LAN (PoE)
10	Debugging Port

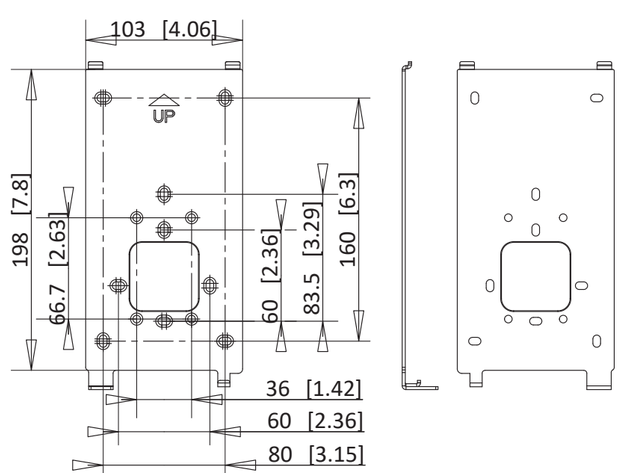
Unit：mm

2 Appearance

Unit：mm [inch]

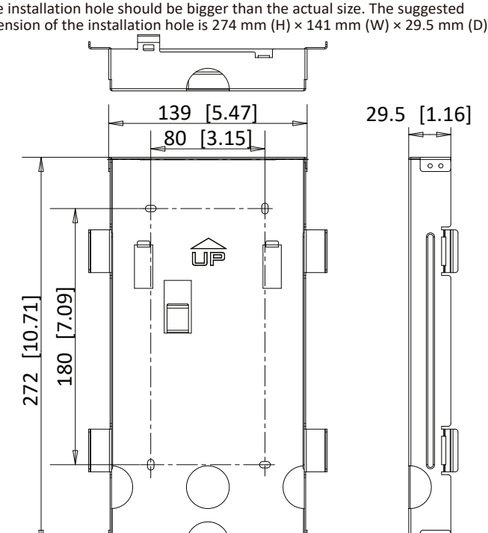
Mounting Plate

The dimension of the mounting plate is 215.87 mm (W) × 103 mm (H) × 23.5 mm (D).



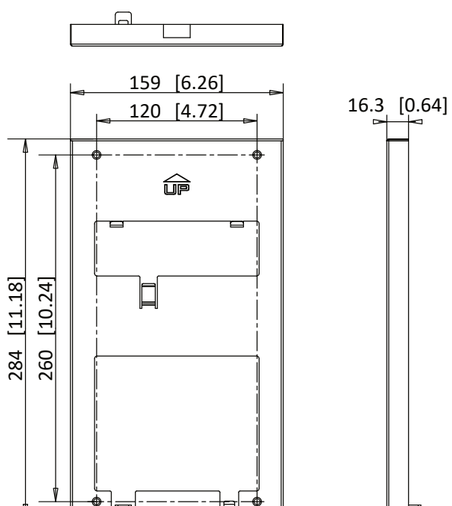
Flush Mounting Gang Box

- The dimension of the gang box is 272 mm (H) × 139 mm (W) × 29.5 mm (D).
- The installation hole should be bigger than the actual size. The suggested dimension of the installation hole is 274 mm (H) × 141 mm (W) × 29.5 mm (D).



Surface Mounting Gang Box

- The dimension of the gang box is 284 mm (H) × 159 mm (W) × 16.3 mm (D).
- This gang box is not included in the package, you need to buy it seperately.



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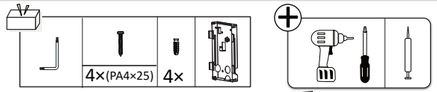
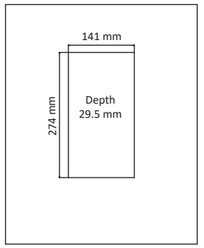
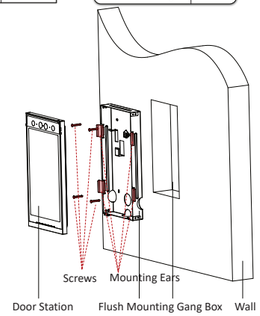
3 Installation

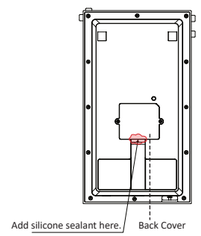


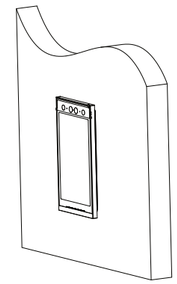
The mounting methods and procedures are the same for some models. Here uses one as an example.

Flush Mounting









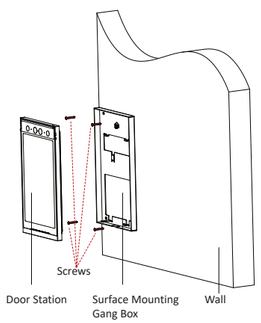
❶ Carve an installation hole on the wall. The suggested dimension of the installation hole is 271 mm (H) × 141 mm (W) × 29.5 mm (D). Pull the cable out from the wall. The suggested length of the cables left outside is 250 mm.

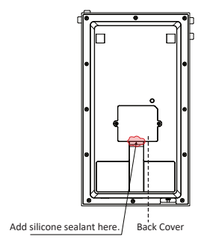
❷ a. Insert the gang box into the installation hole. Mark the gang box screw holes' position with a marker, and take out the gang box.
b. Drill 4 screw holes according to the marks on the wall, and insert the expansion sleeves into the screw holes.
c. Fix the gang box with 4 pcs of KA4×22-SUS screws.
Fill the gap between the gang box and the wall opening with concrete, and use tools to break off all mounting ears.

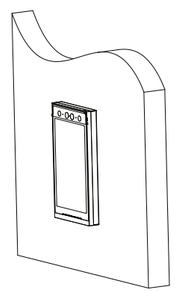
❸ After you finish wiring, cover the back cover of the device, and secure it with 2 screws. Apply silicone sealant at the wiring outlet of the device.

❹ Mount the door station on the wall and ensure it is securely installed.
Apply waterproof sealant to the top and both sides of the device. The door station installation is now complete.

Suface Mounting with Gang Box







Before you begin:

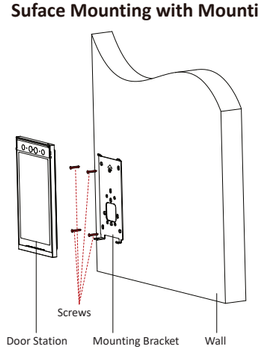
1. Accessories that you need to prepare for installation are in the package.
2. Make sure the power supply meet the power requirements of the door station (12 VDC).
3. Make sure all the related equipment is power-off during the installation.

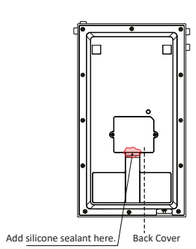
❶ Drill holes on the wall. Insert the expansion bolts into the screw holes. Secure the surface mounting gange box to the wall using 4 pcs of KA4×22-SUS screws.

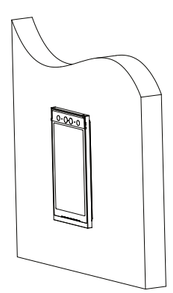
❷ After you finish wiring, cover the back cover of the device, and secure it with 2 screws. Apply silicone sealant at the wiring outlet of the device.

❸ Mount the door station on the wall and ensure it is securely installed. Apply waterproof sealant to the top and both sides of the device. The door station installation is now complete.

Suface Mounting with Mounting Plate







Before you begin:

1. Accessories that you need to prepare for installation are in the package.
2. Make sure the power supply meet the power requirements of the door station (12 VDC).
3. Make sure all the related equipment is power-off during the installation.

❶ Drill holes on the wall. Insert the expansion bolts into the screw holes. Fix the mounting plate to the wall with 4 pcs of KA4×22-SUS screws.

❷ After you finish wiring, cover the back cover of the device, and secure it with 2 screws. Apply silicone sealant at the wiring outlet of the device.

❸ Mount the door station on the wall and ensure it is securely installed. Apply waterproof sealant to the top and both sides of the device. The door station installation is now complete.

4 Activation and Quick Configuration

❶ Wizard

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 wizard page after powering on.

Step:

1. Select the system language and tap **NEXT.**
2. Create a password and confirm the password to activate the device.
3. Set password reset method and tap **NEXT**.

Enter the Reserved Email address, then you can reset the admin password by email.

Tap **Change to Security Question**. Select 3 security questions from default list and enter the answers of the questions, then you can reset the password by answering security questions.

4. Set network parameters and tap **FINISH**.

- Set the IP address, Subnet Mask and Gateway manually.
- Enable DHCP, the device will get network parameters automatically.

Add Resident

Step:

1. Hold the main page and swipe, then enter the admin password to enter the settings page.
2. Tap Person Management and add users.
3. Set room No. and add card, face and PIN. Select user permission to add.
4. Exit the page to save the settings.

Unlock Door

The device supports unlocking via card/QR code, PIN and facial recognition.

Unlock by PIN: Enter PIN code and tap .

For other detailed information, please visit the User Manual.

Warning

- In the use of the product, you must be in strict compliance with the electrical safety
- Regulations of the nation and region.
- CAUTION: To reduce the risk of fire, replace only with the same type and rating of fuse.
- CAUTION: This equipment is for use only with Hikvision's bracket. Use with other (carts, stands, or carriers) may result in instability causing injury.
- To prevent possible hearing damage, do not listen at high volume levels for long periods.
- 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.)

Caution

+ identifies the positive terminal(s) of equipment which is used with, or generates direct current.
+ identifies the negative terminal(s) of equipment which is used with, or generates direct current.

- No naked flame sources, such as lighted candles, should be placed on the equipment.
- The USB port of the equipment is used for connecting to a USB flash drive only.
- The serial port of the equipment is used for debugging only.
- Burned fingers when handling the fingerprint sensor metal. Wait one-half hour after switching off before handling the parts.
- Install the equipment according to the instructions in this manual.
- To prevent injury, this equipment must be securely attached to the floor/wall in accordance with the installation instructions.
- 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.
- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
- Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.
- Please make sure that the biometric recognition accuracy will be affected by the collected pictures' quality and the light in the environment, which cannot be 100% correct.

Scan or tap the QR code to access the User Manual for detailed information.

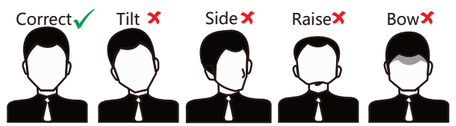
Tips When Collecting/Comparing Face Picture

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

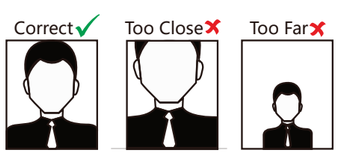
Posture

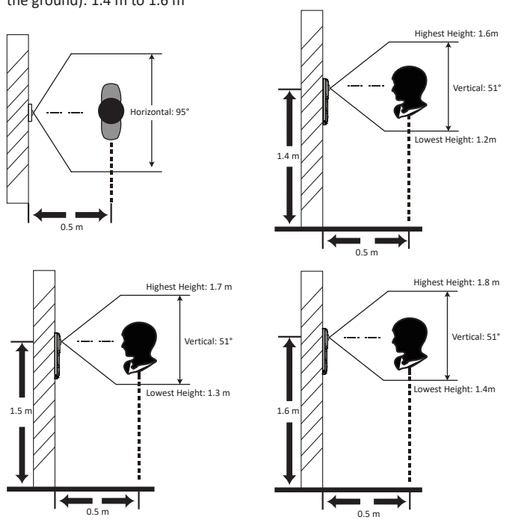
In order to get a good quality and accurate face picture, position your face looking at the camera when collecting or comparing face picture.



Size

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



Positions When Collecting/Comparing Face Picture

Recommended Installation Height (The distance between the camera and the ground): 1.4 m to 1.6 m