

Diagram References

1 Appearance

- ① Camera
- ② IR Supplement Light
- ③ Screen
- ④ Loudspeaker
- ⑤ Buttons
- ⑥ Microphone
- ⑦ Card Reading Area
- ⑧ Fingerprint Recognition Module
- ⑨ TAMPER

Note: The appearance of the device vary according to different model. Refers to the actual device.

2 Terminal

- LAN: Network Signal Input
- BTN1/BTN2: Exit Button Input
- 485A+/485A-: External RS-485 Card Reader
- 485B+/485B-: External Elevator Controller
- GND: Grounding
- COM1/COM2: Common Interface
- NC1/NC2: Door Lock Relay Output (Normally Close)
- NO1/NO2: Door Lock Relay Output (Normally Open)
- SEN1/SEN2: Door Contact Input
- DC 12 V: 12 VDC Power Input

Note:

- The reserved port is used for debugging only.
- Wiring description refers to the User Manual.

3 Installation

Before you begin:

1. Accessories that you need to prepare for installation: gang box.
2. Make sure the power supply meet the power requirements of the door station (12 VDC, 2 A).
3. Make sure all the related equipment is power-off during the installation.
4. Wire the cables before installation.

★ Accessory

- The dimension of the gang box is 364 mm (W) × 118 mm (H) × 40 mm (D).
- The installation hole should be larger than the actual size. The suggested dimension of the installation hole is 364.3 mm (W) × 118.6 mm (H) × 40.2 mm (D).

★ Flush Mounting

1. Cave an installation hole on the wall. Pull the cable out from the wall.

Note:

- The suggested dimension of the installation hole is 364.3 mm (W) × 118.6 mm (H) × 40.2 mm (D).
- The suggested length of the cables left outside is 250 mm.

2. Install the gang box into the wall.
 - a. Remove the plastic sheet of the gang box with the tool.
 - b. Insert the gang box into the installation hole. Mark the gang box screw holes' position with a marker, and take out the gang box.
 - c. Drill 4 holes according to the marks on the wall, and insert the expansion sleeves into the screw holes.
 - d. Fix the gang box with 4 expansion bolts.
3. Fix the gap between the gang box and wall with concrete. Remove the mounting ears with tool after concrete is dry. Connect the cables according to the Wiring Description in User Manual.
4. Insert the door station into the gang box. Slide the door station down and fix it with 2 set screws. Apply Silicone sealant among the joints between the device and the wall (except the lower side) to keep the raindrop from entering.

4 Configuration

1 Activate Device

You are required to activate the device first by setting a strong password for it before you can use the device.

1. Power on the device to enter the activation page automatically.
2. Create a password and confirm it.
3. Press # to activate the door station.

Note:

- Enter an 8 to 16 characters admin password.
- When entering the password, taking the numeric key 2 as example, press the numeric key 2 once, the text field shows "2", and press it again in 1.5 s, the text field shows "a", and press it again in 1.5 s, the text field shows "b", and so on.
- Hold 0 to enter special characters.
- Press # to confirm the password.
- Press * to delete the password during entering.

2 Call Resident

The door station can work as main/sub door station, and outer door station, which correspond to different calling resident modes respectively.

Call from Main/Sub Door Station

Press number button to enter the calling page.

Enter the room No. and press call button again to call.

Call from Outer Door Station

Press number button to enter the calling page.

Enter **【Building No. + # + Unit No. + # + Room No.】** and press call button to call resident.

3 Call Center

Press number button to enter the calling page.

Press center button to call. Press * to cancel during calling management center.

4 Unlock Door

The device support unlock the door by presenting card, entering password, and fingerprint. Here takes unlock by entering password and unlock by presenting card for example.

Note: You should create the password and add the card to the device first.

Unlock by Entering Password

● Common Password

Press number button, enter **【# + room No. + password + #】** to unlock the door.

● Public Password

Note: Create the public password via IVMS-4200 Client Software remotely first.

Press number button, enter **【# + public password + #】** to unlock the door.

Unlock by Presenting Card

Present the card on the card reading area to unlock the door.

5 Appendix

1 Tips When Collecting/Comparing Face Picture

- Keep your expression naturally when collecting or comparing face pictures.
- 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.
- 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.
- The recommended distance when collecting/comparing face pictures is between 400 mm and 500 mm.

2 Tips When Importing Face Picture

- Picture format: JPG.
- Picture size cannot exceed 200 KB.
- A pure background color is required. White is the best.

Note: The door station can be configured via IVMS-4200 Client Software remotely.

★ Refer to Video Intercom Face Recognition Door Station User Manual (scan the QR code) for details.



