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HIWATCH

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VDP-D421XW(B)

Video Intercom Villa Door Station

UD29242B-A

Diagram References

1 Appearance

- ① Microphone ② Indicator ③ Camera ④ Loudspeaker ⑤ Button
⑥ Card Reading Area ⑦ IR Light ⑧ Micro SD Card Slot (Reserved) & Debugging Port
⑨ Network Interface ⑩ Terminals

Note: The debugging port is used for debugging only.

2 Indicator Description

Unlock: Green Call: Orange Communicate: White

3 Terminal and Wiring

- | | |
|--------------------------------------|-----------------------------------|
| NC: Door Lock Relay Output (NC) | 485-: RS-485 Interface (Reserved) |
| NO: Door Lock Relay Output (NO) | 485+: RS-485 Interface (Reserved) |
| COM: Common Interface | 12 VDC IN: Power Supply Input |
| AIN1: For the access of Door Contact | GND: Grounding |
| AIN3: For the access of Exit Button | LAN: Network Interface |
| AIN2&AIN4: Reserved | |

4 Installation Accessory

- ① Mounting Template ② Mounting Plate

Note: The dimension of the mounting plate is 174 mm × 83.66 mm × 18 mm.

4 Installation

Note: Video intercom villa door station supports surface mounting.

Before You Start

- Make sure all related equipments are power-off during the installation.
- Tools that you need to prepare for installation: Drill (ø2.846) and gradienter.
- Purchase the protective shield before installation.

★ Surface Mounting without Protective Shield

- Stick the mounting template on the wall. Drill screw holes according to the mounting template. Remove the template from the wall.
- Secure the mounting plate on the wall with 4 supplied screws according to the screw holes.
- Secure the device on the mounting plate with 4 supplied set screws.
- Fix the cover onto the device with the screw.

★ Surface Mounting with Protective Shield

- Stick the mounting template on the wall. Drill screw holes according to the mounting template. Remove the template from the wall.
- Align the protective shield with mounting template.
- Secure the mounting plate on the wall with 4 supplied screws according to the screw holes.
- Secure the device on the mounting plate with 4 supplied set screws.
- Fix the cover onto the device with the screw.

★ Flush Mounting without Protective Shield

- Stick the mounting template on the wall. Drill the hole according to the mounting template. Remove the template from the wall. The suggested size of hole is 169.4 mm × 86.2 mm × 33.5 mm.
- Install the gang box into the hole with 4 screws.
- Insert the device to the gang box. Secure the device with 4 supplied screws.
- Fix the cover onto the device with the screw.

★ Flush Mounting with Protective Shield

- Stick the mounting template on the wall. Drill the hole according to the mounting template. Remove the template from the wall. The suggested size of hole is 169.4 mm × 86.2 mm × 33.5 mm.
- Install the gang box into the hole with 4 screws.
- Align the protective shield with gang box.
- Insert the device to the gang box. Secure the device with 4 supplied screws.
- Fix the cover onto the device with the screw.

5 Configuration via Web

① Activate Device via Web

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

Default parameters of door station are as follows:

- Default IP Address: 192.0.0.65.
- Default Port No.: 8000.
- Default User Name: admin

- Power on the device, and connect the device to the network.
- Enter the IP address into the address bar of the web browser, and click Enter to enter the activation page.

Note: The computer and the device should belongs to the same subnet.

- Create and enter a password into the password field.
- Confirm the password.

- Click OK to activate the device.

Note: When the device is not activated, the basic operation and remote configuration of device cannot be performed.

② Access to the Device by Web Browsers

- In the browser address bar, enter the IP address of the device, and press the Enter key to enter the login page.
- Enter the user name and password and click Login.

③ Communicate with Indoor Station

- Click Settings -> Intercom -> Press Button to Call to enter the settings page.
- Set the parameters.
 - Edit call No. for every button.
 - Check Call Management Center to set the button calling center.

Note: If you check Call Management Center and set the call No. as well, call management center has higher privilege than call No.

- Press button to call indoor station.

④ Issue Card

- Click User to enter the settings page.
- Click Add -> Add Card. Present the card on the card reading area.
- When issuing finished, the windows pop up on the settings page.

Note:

- Only M1 card supported, and M1 card with non-standard shape is recommended.
- Up to 10000 cards can be issued and managed by V series door station. A voice prompt (No more cards can be issued.) can be heard when the issued card amount exceeds the upper limit.

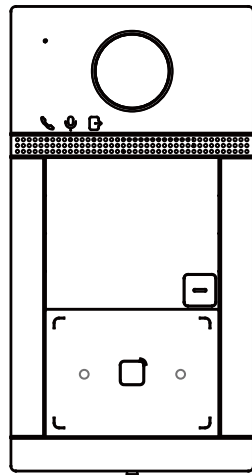
⑤ Unlock Door

After issuing cards, you can unlock the door by presenting the issued cards.

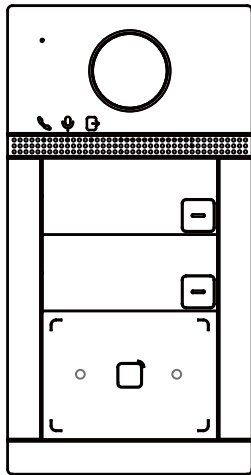
Refers to Video Intercom Villa Door Station User Manual (Scan the QR code) for details.

1

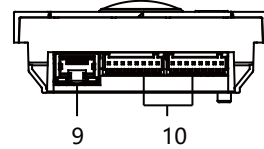
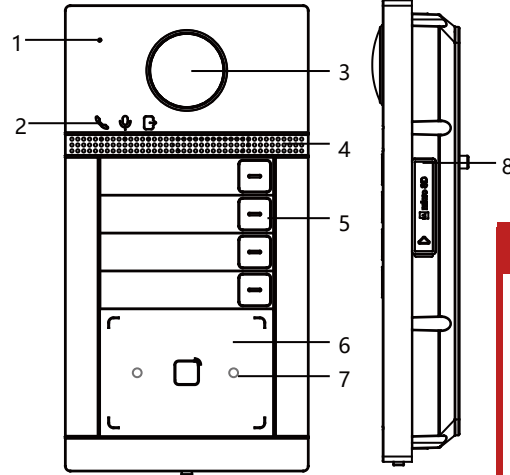
Single-Button



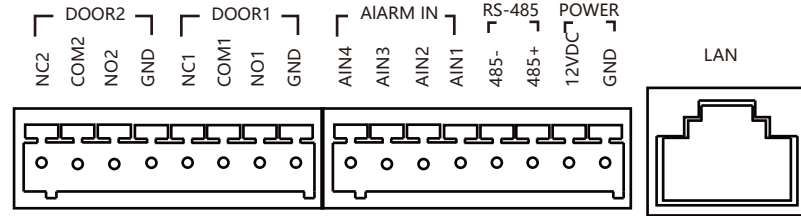
Two-Button



Four-Button

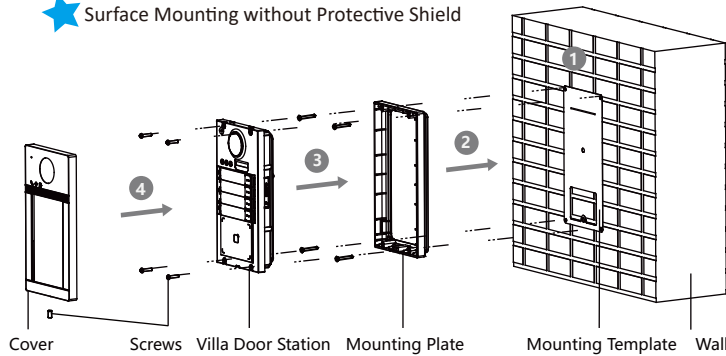


2

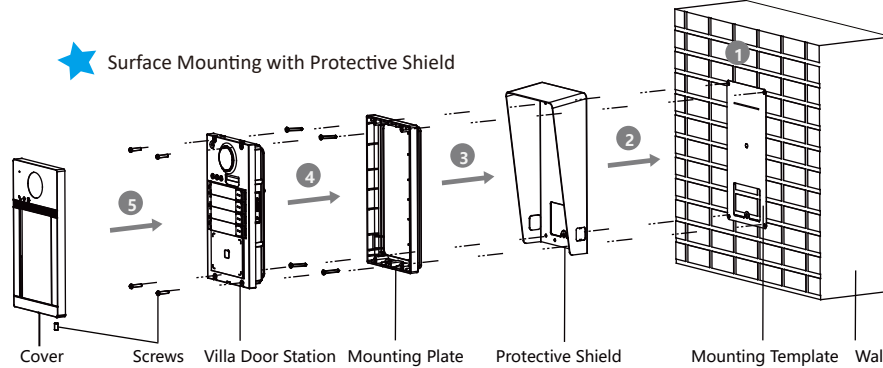


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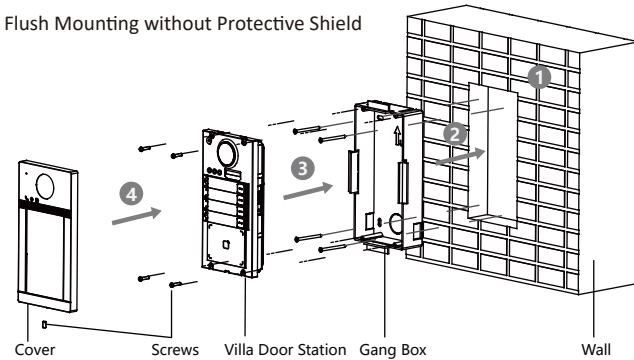
★ Surface Mounting without Protective Shield



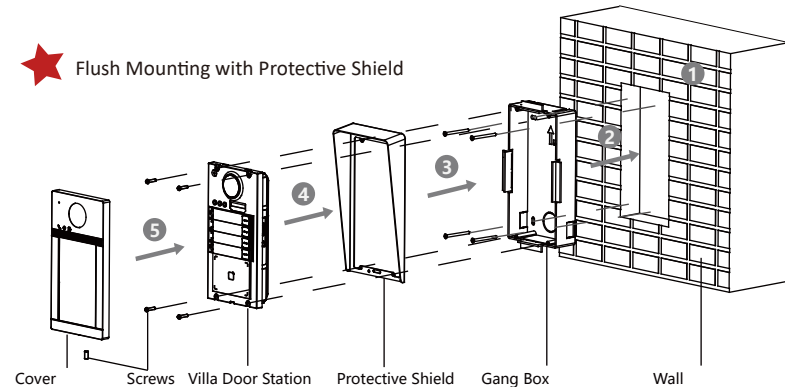
★ Surface Mounting with Protective Shield



★ Flush Mounting without Protective Shield



★ Flush Mounting with Protective Shield



4

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

