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HIKVISION VDP-D22XX Series Video Intercom Villa Door Station User Manual
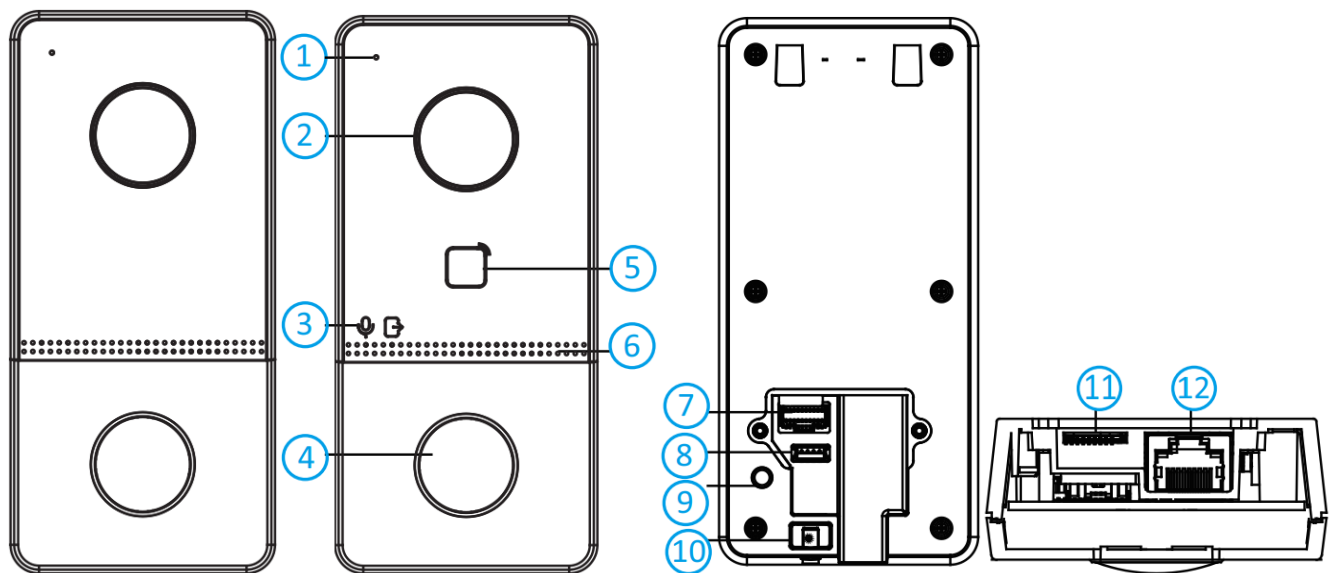
Contents

VDP-D22XX Series

Video Intercom Villa Door Station

1

VDP-2201   VDP-2211/VDP-2211W

2

3

Orange — RS-485+
Yellow — RS-485-
Reserved

Red — 12 VDC
Black — GND
Power Input

White — AIN1
White — AIN2
White — AIN3
White — AIN4
Yellow — NC
Green — COM
Blue — NO
Black — GND
Black — GND

Exit Button
PRESS TO EXIT

DC POWER

CONTACT

Mounting Template

0 1 2 3 4

Hole1   Hole1

UP

Mounting Template

Paste the template on the required place.Drill screw
and cable holes according to the template.
The actual product's width and length may be 10, 0 mm
longer than the template's.
Hole 1: Wall Mounting Screw Hole
Hole 2: Cable Hole

Datum Line   102023104

The recommended distance from the ground level is 1.40m
and it is adjustable depends on the height of body.

Hole1   Hole1

Hole2

39.24

102.58

3.45

1.18

6.2

Unit : mm

4
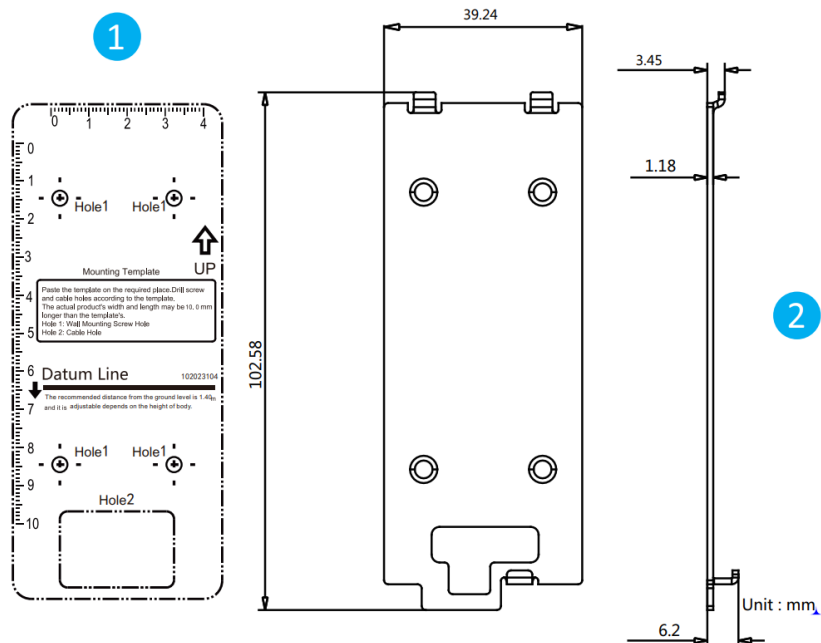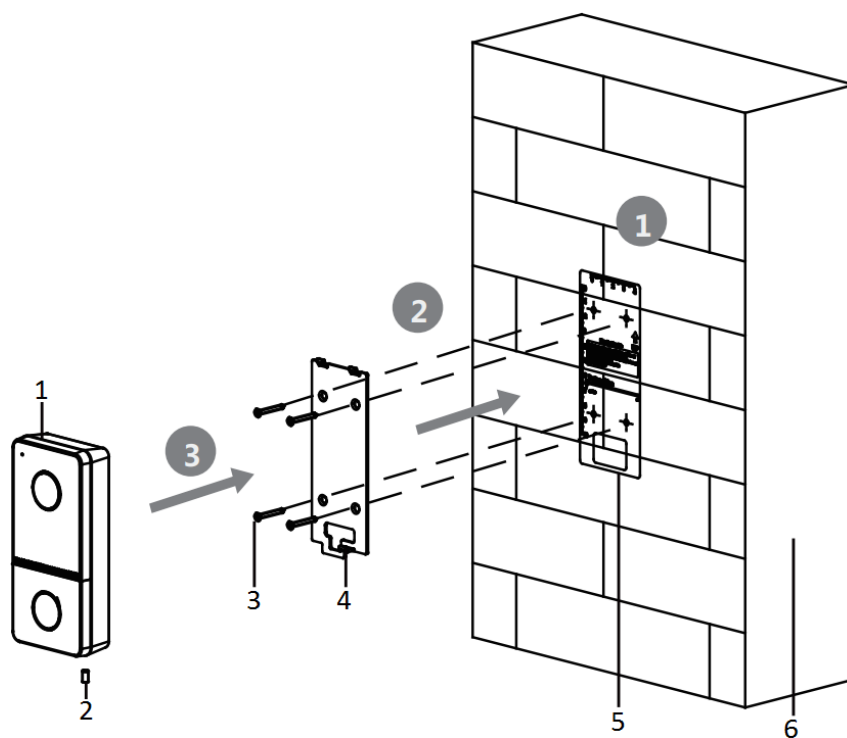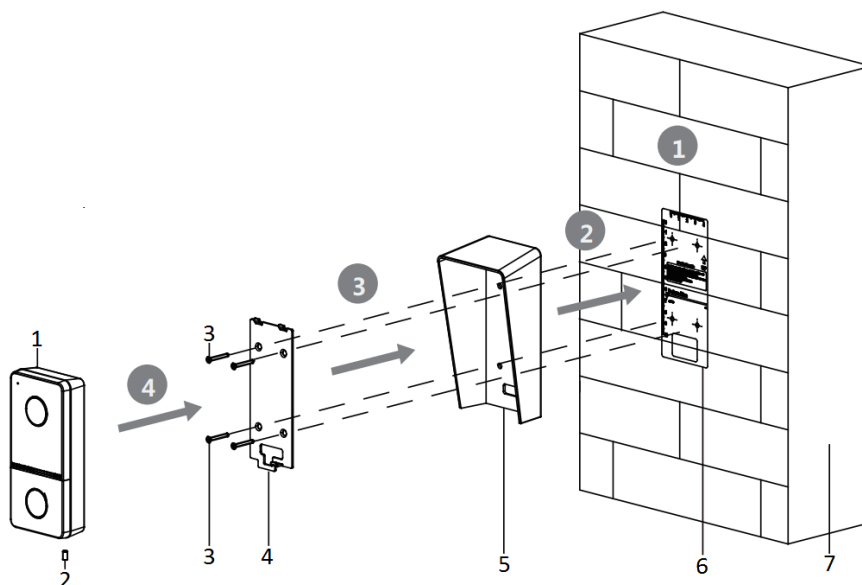
⭐ Surface Mounting without Protective Shield

1. Villa Door Station

2. Screw

3. Screws

4. Mounting Plate

5. Mounting Template

6. Wall

⭐ Surface Mounting with Protective Shield

1. Villa Door Station
2. Screw
3. Screws
4. Mounting Plate
5. Protective Shield
6. Mounting Template
7. Wall

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Diagram References

1 Appearance

1. Microphone
2. Camera
3. Indicator
4. Button

5. Card Reading Area

6. Loudspeaker

7. Terminals

8. Debugging Port

9. TAMPER

10. Set Screw

11. SD Card Slot(Reserved)

12. Network Interface

Note: The debugging port is used for debugging only.

Indicator Description

Unlock: Green   Call: Orange   Communicate: White

2 Terminal and Wiring

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

3 Installation Accessory

1 Mounting Template   2 Mounting Plate

Note: The dimension of the mounting plate is 102.58 mm × 39.24 mm × 6.2 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

1. Stick the mounting template on the wall. Drill screw holes according to the mounting template. Remove the

template from the wall.

2. Secure the mounting plate on the wall with 4 supplied screws according to the screw holes.

3. Install the villa door station to the mounting plate. Fix the device on the mounting plate with the set screw.

Surface Mounting with Protective Shield

1. Stick the mounting template on the wall. Drill the screw holes according to the mounting template. Remove the template from the wall.

2. Align the protective shield with the mounting template.

3. Secure the mounting plate and protective shield on the wall with 4 supplied screws according to the screw holes.

4. Install the villa door station to the mounting plate. Fix the device on the mounting plate with the set 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

1. Power on the device, and connect the device to the network.
2. 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.
3. Create and enter a password into the password field.
4. Confirm the password.
5. 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

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

3 Communicate with Indoor Station

1. Click Settings -> Intercom -> Press Button to Call to enter the settings page.
2. 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.

3. Press button to call indoor station.

4 Issue Card

1. Click Settings -> Access Control and Elevator Control to enter the settings page.
2. Click Issue Card. Present the card on the card reading area.
3. When issuing finished, the windows pop up on the settings page.

Note:

- Only Mifare card supported, and Mifare 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.

About this Manual
The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website. Please use this user manual under the guidance of professionals.

Legal Disclaimer
REGARDING TO THE PRODUCT WITH INTERNET ACCESS, THE USE OF PRODUCT SHALL BE WHOLLY AT YOUR OWN RISKS. OUR COMPANY SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER ATTACK, HACKER ATTACK, VIRUS INFECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, OUR COMPANY WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED. SURVEILLANCE LAWS VARY BY JURISDICTION. PLEASE CHECK ALL RELEVANT LAWS IN YOUR JURISDICTION BEFORE USING THIS PRODUCT IN ORDER TO ENSURE THAT YOUR USE CONFORMS THE APPLICABLE LAW. OUR COMPANY SHALL NOT BE LIABLE IN THE EVENT THAT THIS PRODUCT IS USED WITH ILLEGITIMATE PURPOSES. IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATER PREVAILS.

This product and – if applicable – the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the RE Directive 2014/53/EU, the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU.

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: **www.recyclethis.info**

2006/66/EC (battery directive): 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 lettering 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**

![WARNING triangle icon] **WARNING**

- All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.
- 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 triangle icon] **CAUTION**

- 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 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 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.

Documents / Resources

HIKVISION VDP-D22XX Series Video Intercom Villa Door Station [pdf] User Manual
VDP-D22XX Series, Video Intercom Villa Door Station, Villa Door Station, Video Intercom Door Station, Door Station, VDP-D22XX Series

References