Manuals+

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HIKVISION DS-D100IPF Video Intercom Villa Door Station

Product Usage Instructions

Installation:

1. Remove the template from the wall and mark the screw holes.
2. Mount the plate using the set screw according to the screw holes.

Power On and Network Connection:

1. Power on the device and connect it to the network.
2. Enter the default IP address in a web browser and press Enter.
3. Create a password and confirm it for device access.

Accessing the Device:

1. In the browser address bar, enter the device's IP address.
2. Enter the username and password to log in.
3. Set the parameters as needed.

Card Issuing:

1. Access the device interface and click on 'Issue Card'.

2. Present a Mifare card on the card reading area for issuance.

Door Unlocking:

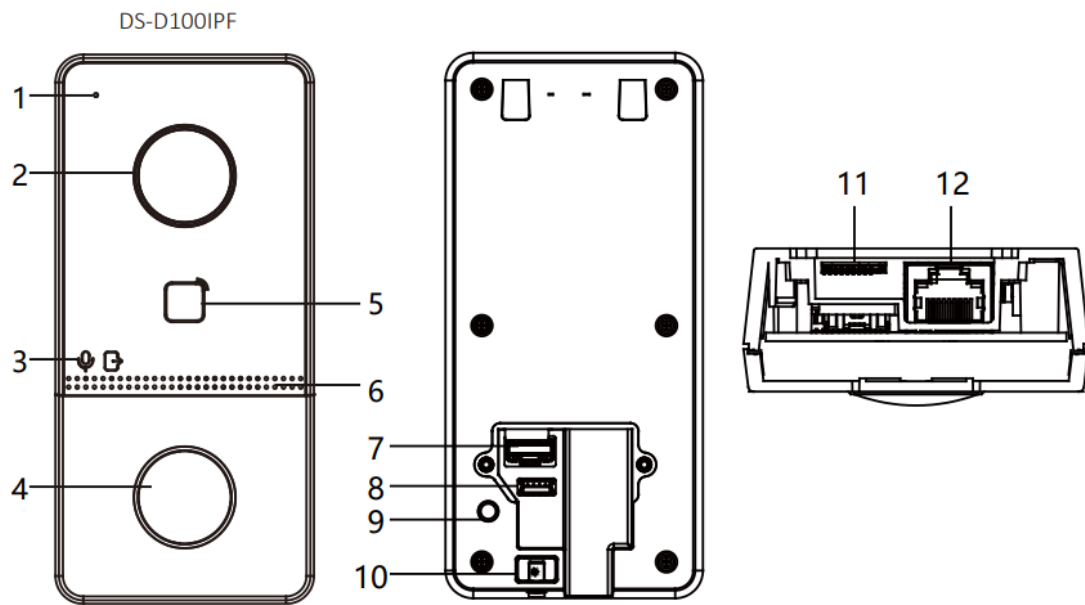1. To unlock the door, follow the instructions on the device.

Appearance

1. Appearance
2. Camera
3. Indicator
4. Button
5. Card Reading Area
6. Loudspeaker
7. Terminals
8. Debugging Port
9. TAMPER
10. Set Screw
11. TF Card Slot
12. Network Interface

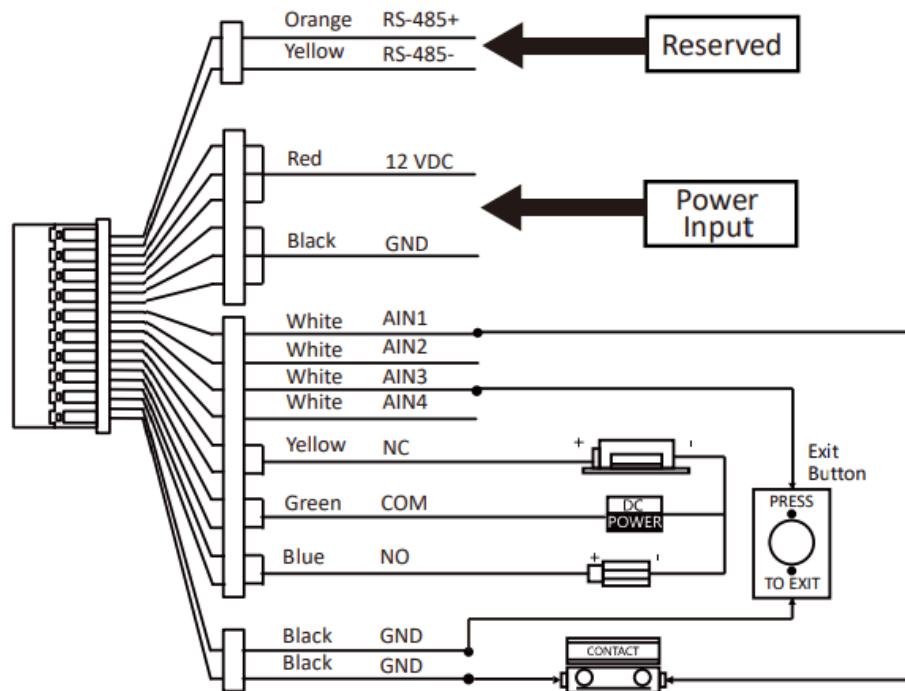**Note:** Debugging port is used for debugging only.

Indicator Description

- Unlock: Green
- Call: Orange
- Communicate: White
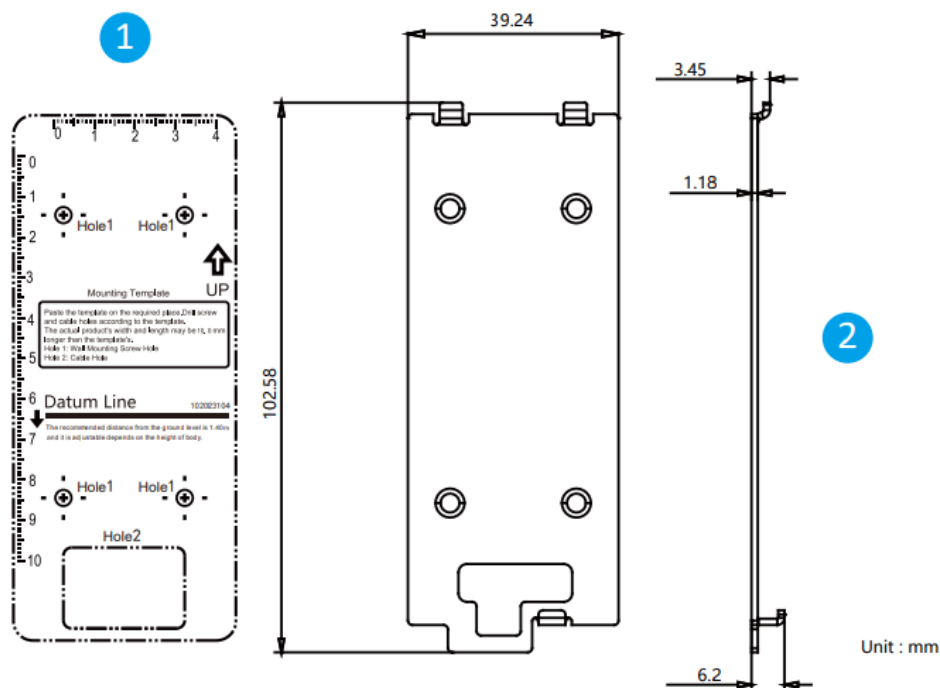
DS-D100IPF

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

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

Installation Accessory

1. Mounting Template
2. Mounting Plate

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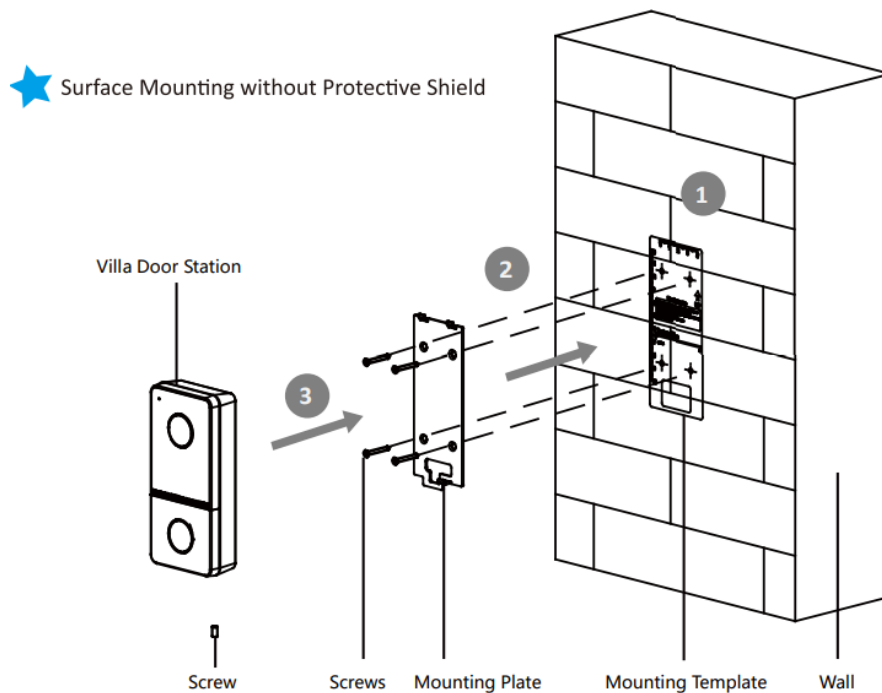

Installation

Note: Video intercom villa door station supports flush mounting and surface mounting.

Before you begin:

- Make sure all related equipments are power-off during the installation.
- Tools that you need to prepare for installation:

  Drill (D2.846) 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 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.
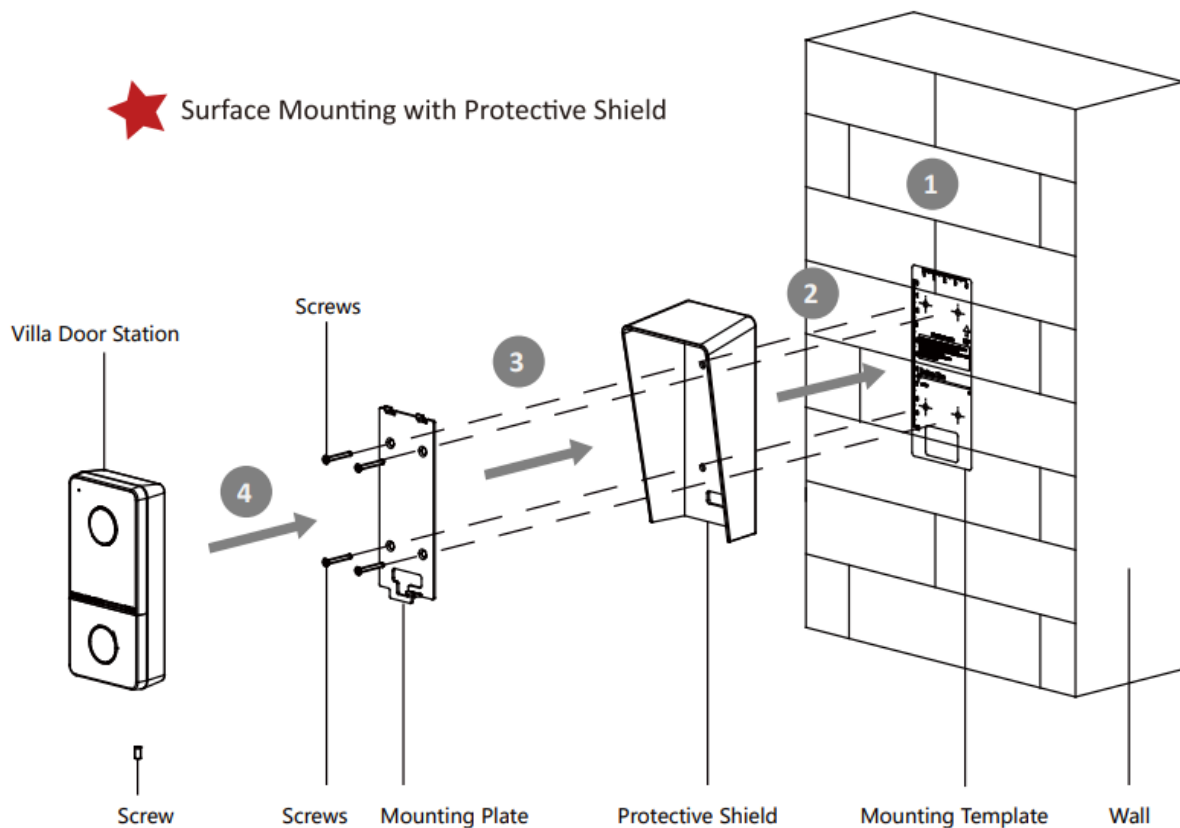

Configuration via Web

1. **Activate Device via Web**

   You are required to activate the device first by setting a strong password for it 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 belong 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

Note: Configure the room No. of the indoor station which is linked to the villa door station. Refer to Video Intercom

Indoor Station User Manual for details.

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 corresponding 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.
      - 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 card.

1

Activation

User Name
Password ●●●●●●●● ✓

Vaild password range [8-16]. You can
use a combination of numbers,
lowercase, uppercase and special
character for your password with at
least two kinds of them contained.

Confirm ●●●●●●●●

OK

3

Button Settings		
Button	Call	Call Management Center
1	0	☐

4

Issuing Mode

Issue Card

Product Information

About this Manual

Trademarks

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Data Protection

During the use of device, personal data will be collected, stored and processed. To protect data, the development of Hikvision devices incorporates privacy by design principles. For example, for device with facial recognition features, biometrics data is stored in your device with encryption method; for fingerprint device, only fingerprint

template will be saved, which is impossible to reconstruct a fingerprint image.

As data controller, you are advised to collect, store, process and transfer data in accordance with the applicable data protection laws and regulations, including without limitation, conducting security controls to safeguard personal data, such as, implementing reasonable administrative and physical security controls, conduct periodic reviews and assessments of the effectiveness of your security controls.

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement

$C \in$ 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.

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

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

IC statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum

FAQ

What are the default login credentials?
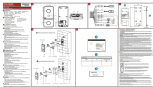The default IP Address is 192.0.0.65, Default Port No. is 8000, and Default User Name is admin.

What type of cards are supported for issuing?
Only Mifare cards are supported for issuing, and Mifare cards with non-standard shapes are recommended.

How can I troubleshoot if there is interference during device operation?
If there is interference during operation, try reorienting or relocating the receiving antenna or consulting a professional for assistance.

Documents / Resources

	HIKVISION DS-D100IPF Video Intercom Villa Door Station [pdf] Instruction Manual DS-D100IPF, DS-D100IPF Video Intercom Villa Door Station, Video Intercom Villa Door Station, Intercom Villa Door Station, Villa Door Station, Door Station

References

- User Manual

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