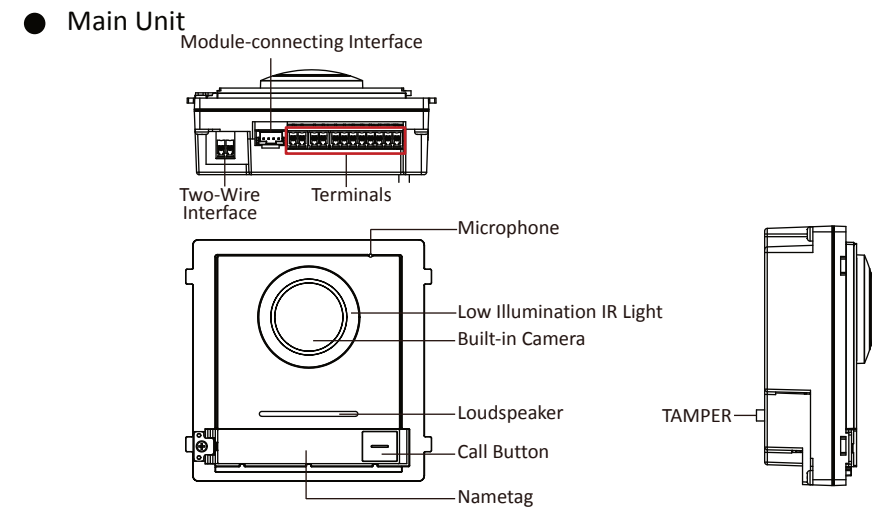
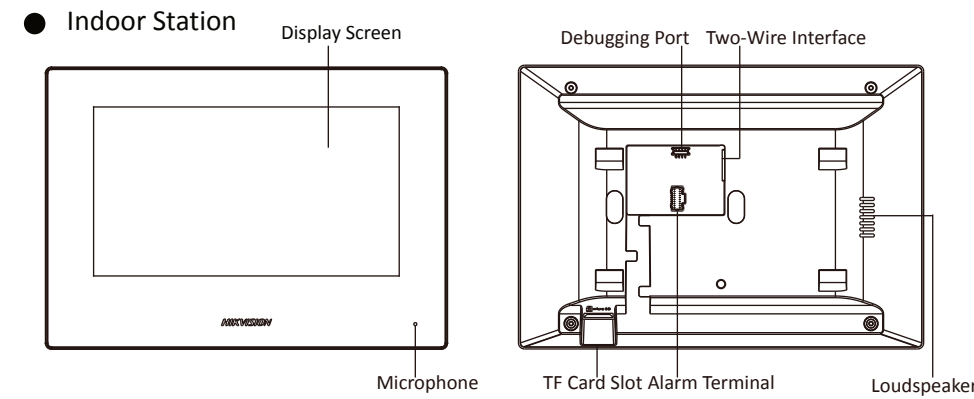




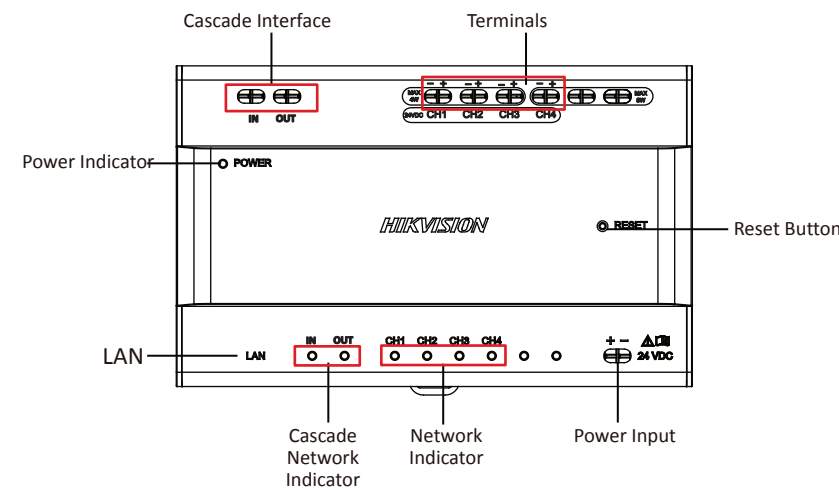
Villa Two Wire Kit

Quick Start Guide
UD30792B-C

Devices in Kit



Video/Audio Distributor

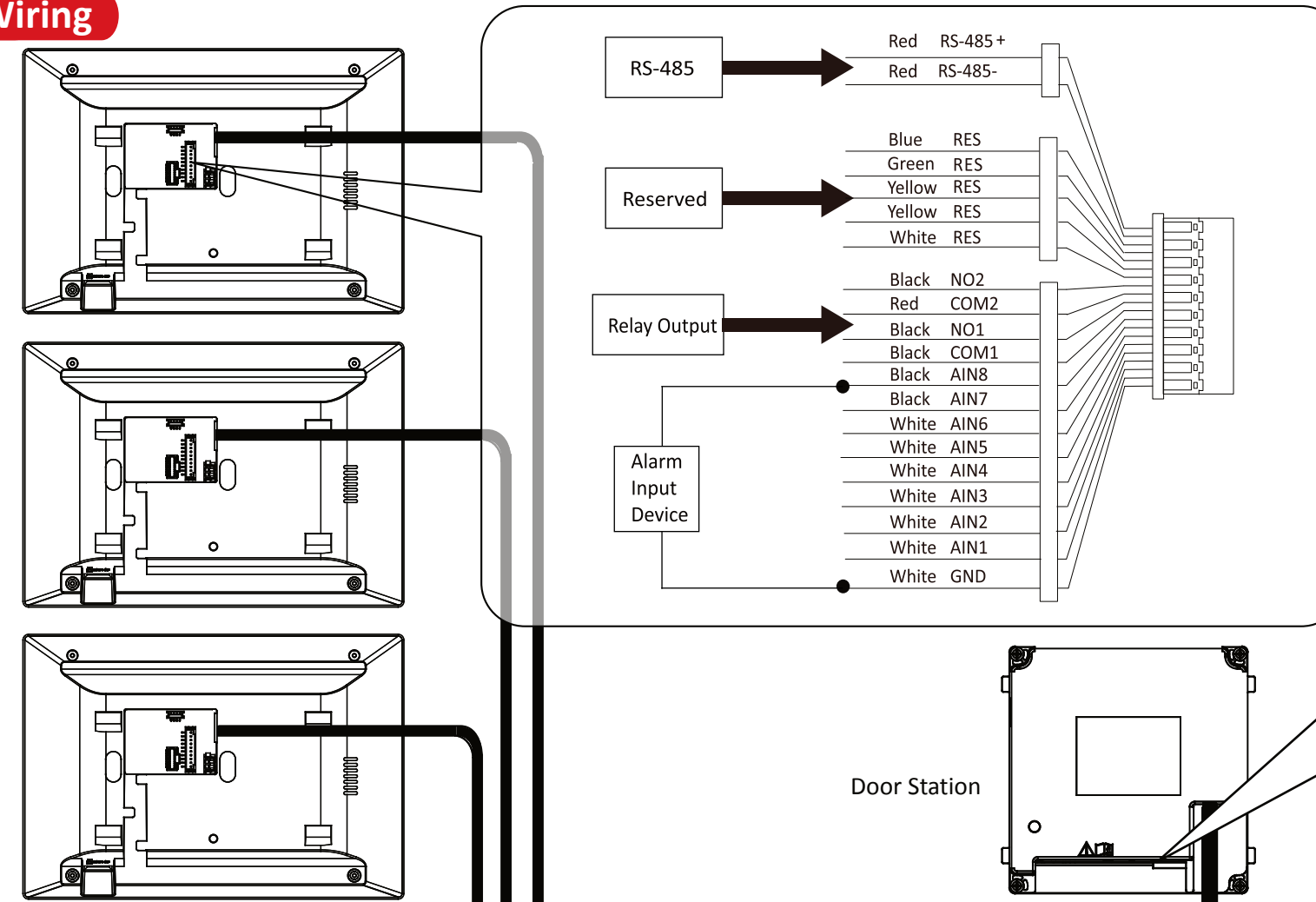


- TF Card
- DIN Rail Power Supply
- Wiring Terminal
- Mounting Plate
- Bracket
- Screws

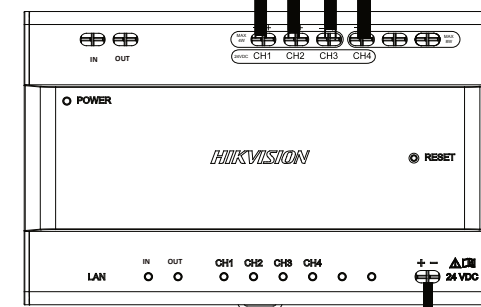
1 System Wiring



Indoor Station

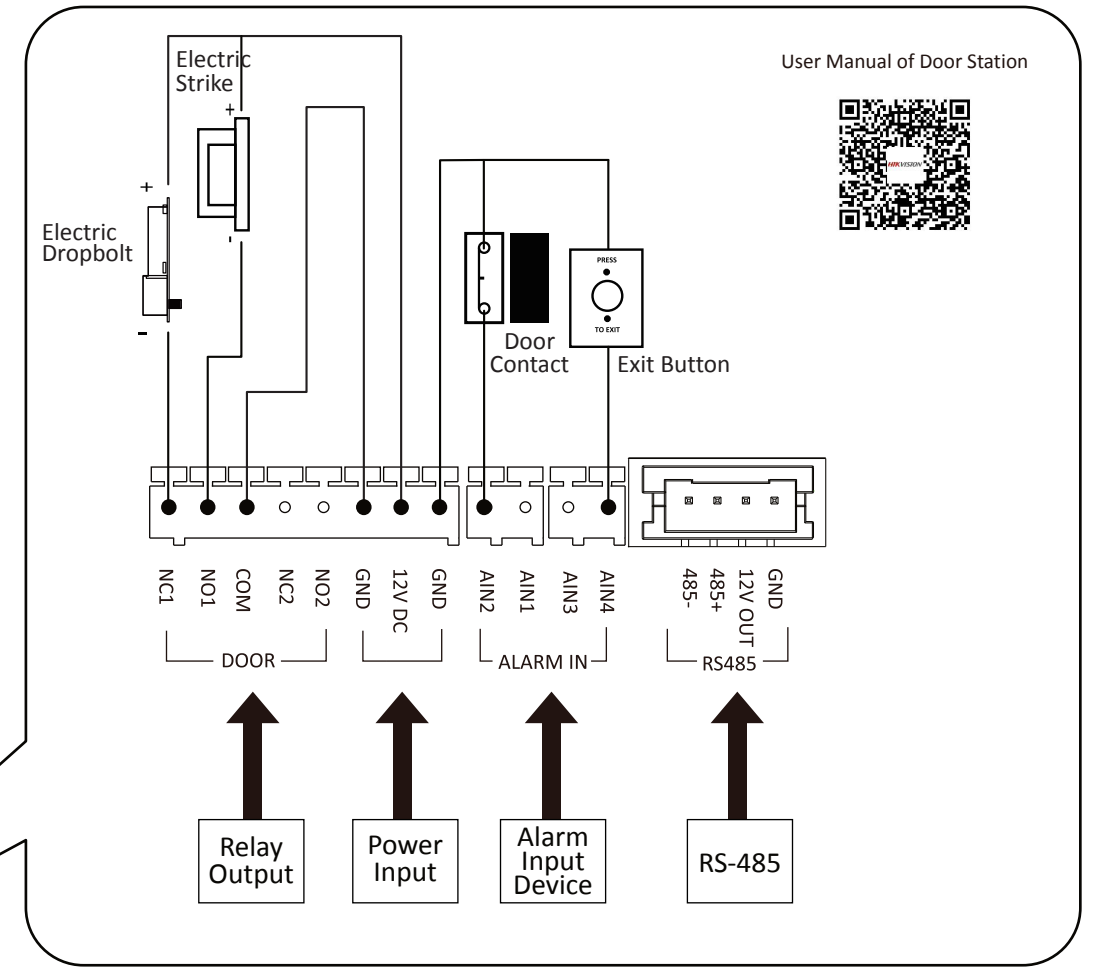


Door Station



Video/Audio Distributor

24 VDC
Power Input



User Manual of Door Station



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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 of this Manual at the Hikvision website (<https://www.hikvision.com/>). Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.
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| Routing Path | Twisted Pair | | | Parallel lines |
|------------------------------|--|--|--|------------------------------|
| | 24AWG(0.2 mm ² , 9 Ω/100 m) | 20AWG(0.5 mm ² , 3.5 Ω/100 m) | 18AWG(0.8 mm ² , 2.5 Ω/100 m) | |
| DS-KAD702EY-DS- KD8003Y-IME2 | Transmission Distance ≤ 35 m | Transmission Distance ≤ 60 m | Transmission Distance ≤ 60 m | Transmission Distance ≤ 35 m |
| DS-KAD702EY-DS-KH6320EY-WTE2 | Transmission Distance ≤ 35 m | Transmission Distance ≤ 60 m | Transmission Distance ≤ 60 m | Transmission Distance ≤ 35 m |

Note:
 The power adapter is contained only in the Kit.
 The detail for the power adapter contained in the package is as follows:

| Model | Manufacturer |
|-------------|----------------------------------|
| KPL-060M-II | Channel Well Technology Co., Ltd |

Effective output power from each port of two-wire distributors:

| Modules | | Power Consumption |
|-------------|---------|-------------------|
| Distributor | CH1-CH4 | 10 W |

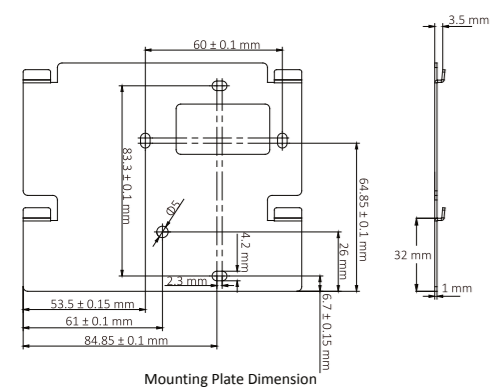
The main module & the sub-module maximum power consumption:

| Modules | Power Consumption |
|----------------|-------------------|
| DS-KD8003-IMEx | 4 W |
| DS-KD-KK | 0.8 W |
| DS-KD-KP | 1 W |
| DS-KD-DIS | 2.5 W |
| DS-KD-TD(M/E) | 4 W |
| DS-KD-E | 0.8 W |
| DS-KD-M | 0.8 W |
| DS-KD-INFO | 1.5 W |

CH1 to CH3 can wire with indoor stations or 1 main module. CH4 can wire with main module and sub modules. The total consumption of all modules should no more than the consumption of the distributor. For example, the total consumption of door station with all modules should be less than 10 W, which can be wired with CH4.

2 Installation

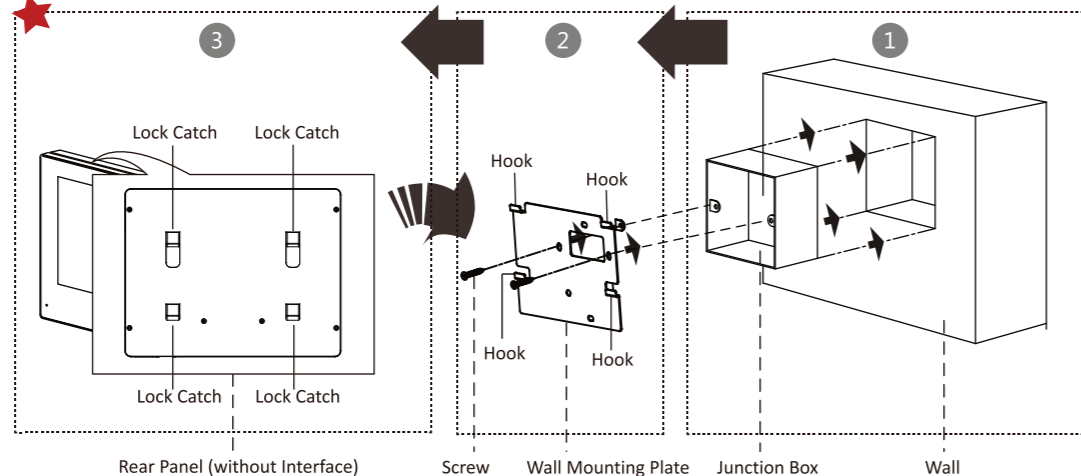
● Install Indoor Station



The wall mounting plate and the junction box are required to install the indoor station onto the wall.
The dimension of junction box should be 75 mm (width) × 75 mm (length) × 50 mm (depth).
The dimension of wall mounting plate is shown.

Before you begin:

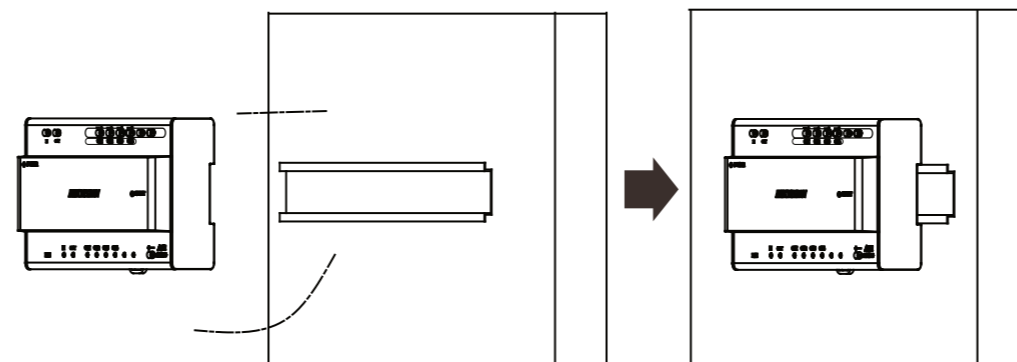
- Tools that you need to prepare for installation: Make sure the device in the package is in good condition and all the assembly parts are included.
- The power supply the indoor station supports is 24 VDC. Make sure your power supply matches your indoor station.
- Make sure all related equipments are power-off during the installation.
- Check the product specification for the installation environment.



Steps:

- Chisel a hole in the wall. The size of the hole should be 76 mm (width) × 76 mm (length) × 50 mm (depth). Insert the junction box to the hole chiseled on the wall.
- Fix the wall mounting plate to the junction box with 2 screws.
- Hook the indoor station to the wall mounting plate tightly by inserting the plate hooks into the slots on the rear panel of the indoor station, during which the lock catch will be locked automatically.

● Install Distributor



Before you begin:

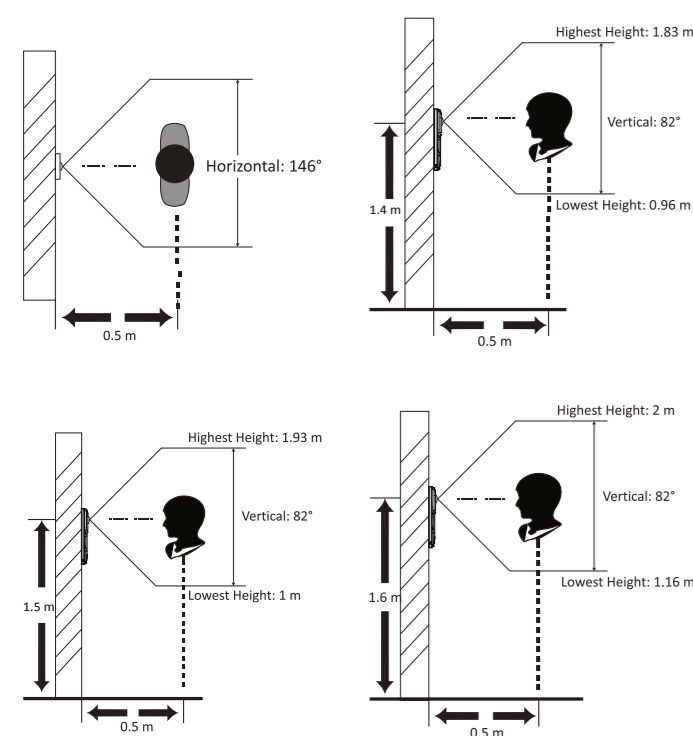
Make sure the device in the package is in good condition.
Make sure all the related equipment is power-off during the installation. Check the product specification for the installation environment.

Steps:

- Fix the DIN rail onto the wall.
Note: You are required to utilize a matched DIN rail.
- Press the red clip upward, and lock it to the DIN rail.

● Install Main Unit

Recommended Installation Height (The distance between the camera and the ground): 1.4 m to 1.6 m.
The FOV of the camera is : Horizontal: 146°, Vertical: 82°.
The highest visual height and lowest visual height of the camera is shown as picture.

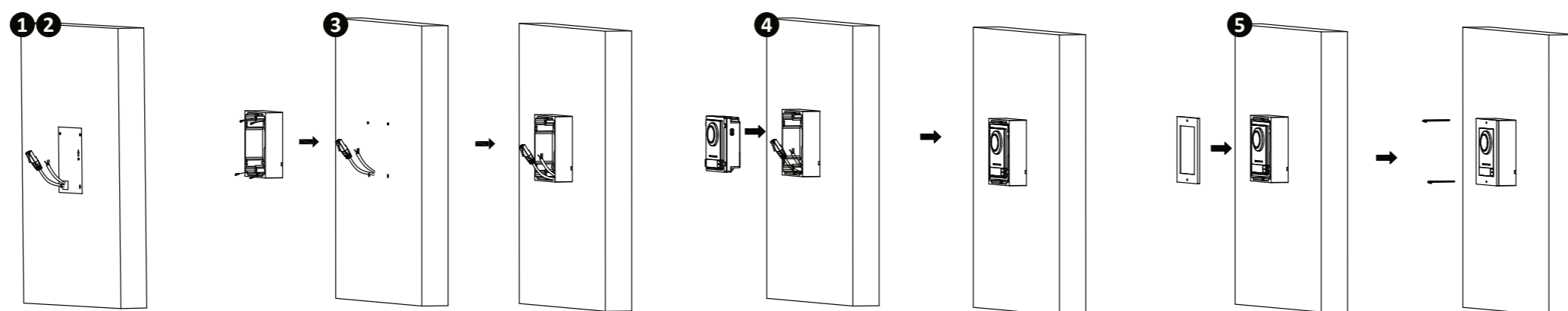


Note:

- Here takes flush mounting as an example.
- The power source should be qualified and meet limited power source or PS2 requirements according to IEC 60950-1 or IEC 62368-1 standard.

Before you begin:

- Tools for installation you need to prepare: Drill (6), cross screw driver (PH1*150 mm), and gradienter.
- Make sure all the related equipments are power-off during the installation.



- Paste the installation mounting template onto the wall. Make sure the mounting template is placed horizontally via measuring with the gradienter. Drill 4 holes according to the screw holes on the sticker.
Note: The suggested length of the cables left outside is 100 mm.
- Drill 4 holes according the mounting plate with the drill size of 6. The depth of each hole is 25 mm. Insert the expansion sleeves into the screw holes.

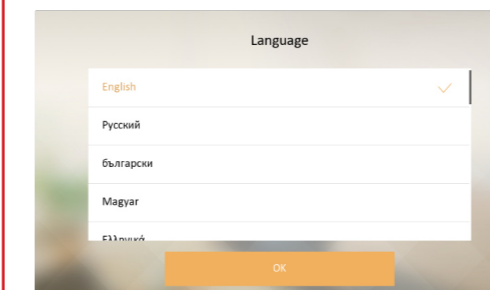
- Remove the mounting template, and fix the mounting frame to the wall with 4 expansion bolts.

- Wire the main unit and the cables across the thread holes of the frame. Put the main unit in the frame.

- Use the hexagon wrench in the package to fix the cover onto the frame.

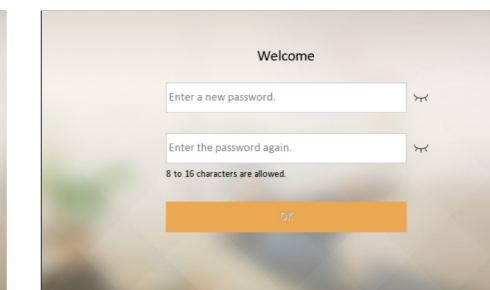
3 Quick Operation

1 Select Language



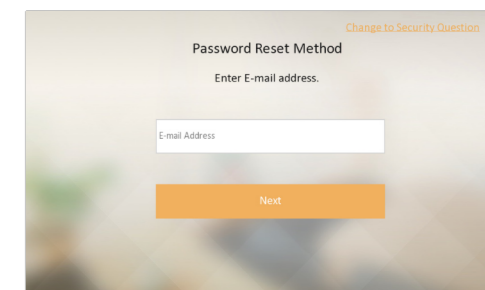
Choose language according to your actual needs. After language selection, you should follow the instructions to finish the wizard.

2 Activate Device



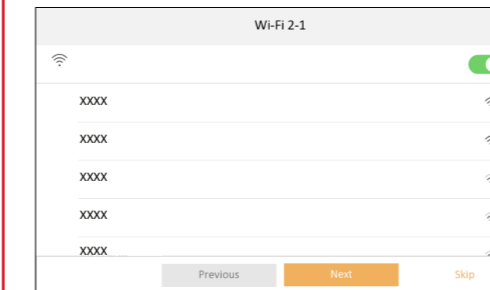
Create activation password for the device. 8 to 16 characters are allowed.

3 Set Email/Security Question

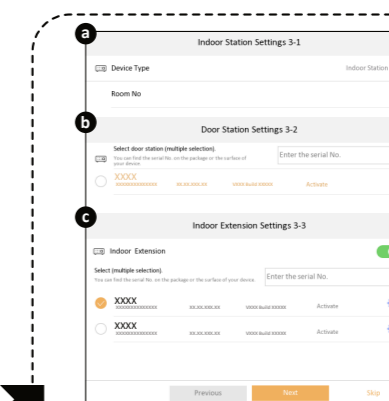


You can choose to reset the activation/admin password via the email or security questions if you forget your password.

4 Set Wi-Fi

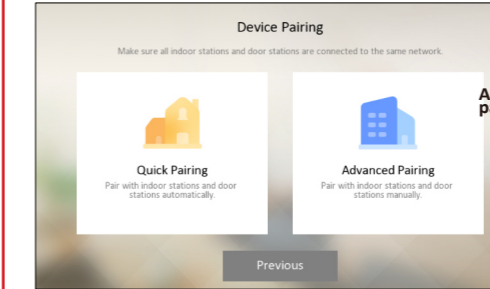


Enable the device Wi-Fi function, and select Wi-Fi. Enter the Wi-Fi's password. If the device has already connected to a wired network, skip the step.

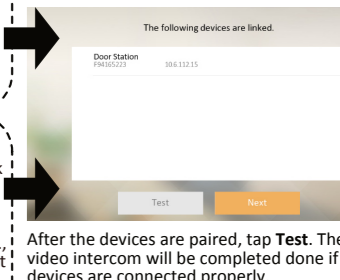


Quick pairing: For normal operators who are not expert at setting network parameters. The indoor station and the door station will be paired automatically. Set the indoor station's room No., select the door station, and indoor extension. If there are multiple door stations, tap **Main** to set the door station as main door station.

5 Pair Device

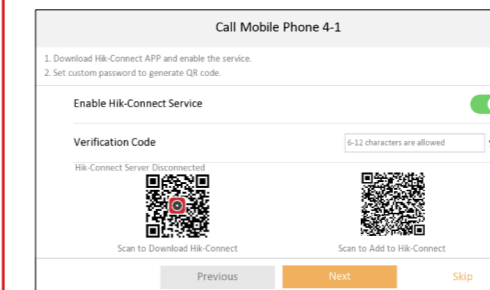


Advanced Pairing: For experts who can set network parameters. The indoor station and the door station can be paired manually. Set the indoor station's floor No., room No., build No., unit No., set the indoor station's wired network, select the door station and the indoor extension. If there are multiple door stations, tap **Main** to set the door station as main door station.

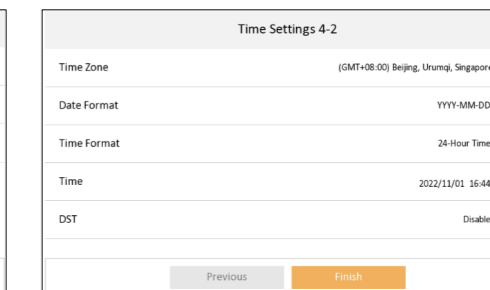


After the devices are paired, tap **Test**. The video intercom will be completed done if the devices are connected properly.

6 Set Hik-Connect Service



7 Set Time



● Home Page



If exceptions occurred, the status icon will be changed at the upper right corner of the screen. Tap the icon and follow the instructions to solve.