DS-KD7003EY-IME2 Module Door Station

User Manual

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Symbol	Description
Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
Note	Provides additional information to emphasize or supplement important points of the main text.

Regulatory Information

EU Conformity Statement

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 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

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.
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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

About this Manual

Get the manual and related software from or the official website (http://www.hikvision.com).

Product	Model
Door Station	DS-KD7003EY-IME2

Scan the QR code to get the User Manual for detailed information.

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Chapter 1 Appearance

Main Unit

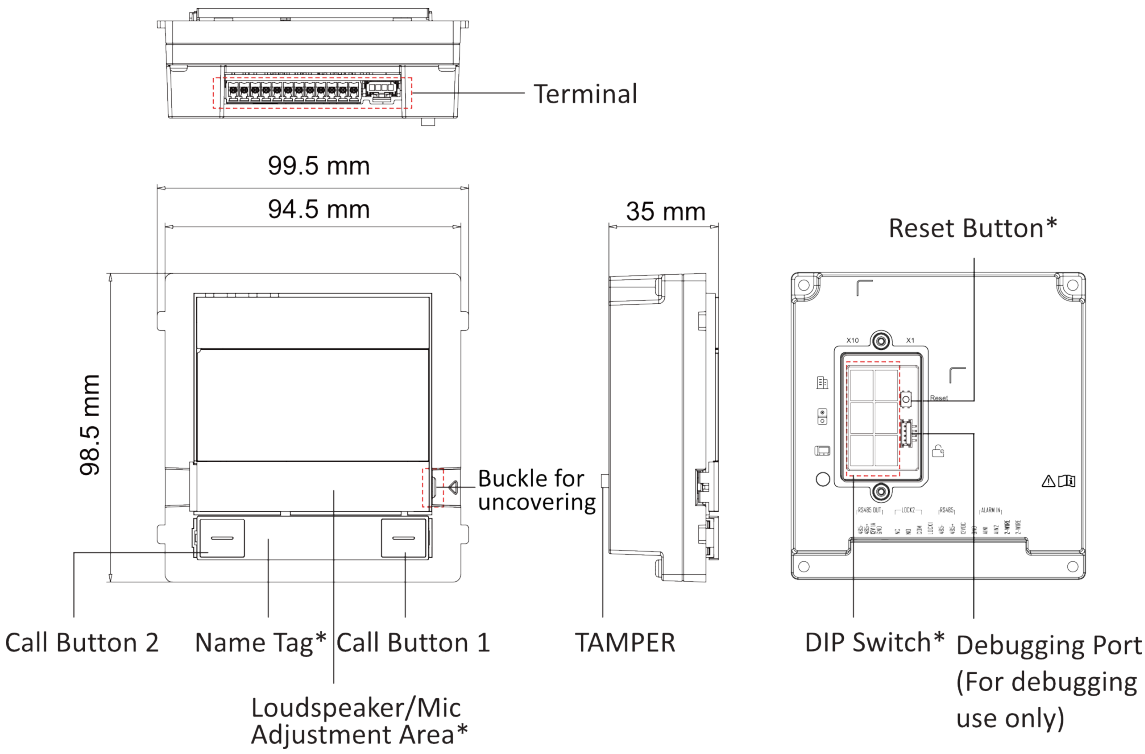

Figure 1-1 Main Unit Appearance

Note

- Loudspeaker/Mic Adjustment Area: Press the buckle and push the tag to the left to uncover the metal cover. Remove the dust-proof plug and use drill to adjust the volume of loudspeaker and the microphone. (The first is for the loudspeaker and the second is for the Mic.)
- Reset Button ：Reset AP Mode Password: Hold the button for 5 s.
- Restore Factory Settings: Hold the button for 10 s.
- DIP Switch: Set the door station's DIP switch address and video intercom system can find the door station according to the address.
- Call Button: By default, press call button 1 to call Room No.1 and press call button 2 to call Room No.2.
- Name Tag ： Remove the metal cover and you can stick a name tag according to your preference. Name tag 1: Two call buttons Left: Press once to call a specific room No. Hold the button for 10 s to enable the device AP mode. Right: Press once to call a specific room No. Hold the button for

10 s to synchronize the device parameters to the web, including contacts, language, device time, etc.
Name tag 2: one call button Press once to call a specific room No.
Name tag 3: No call button

Chapter 2 Terminal and Wiring

2.1 Terminal Description

Terminals

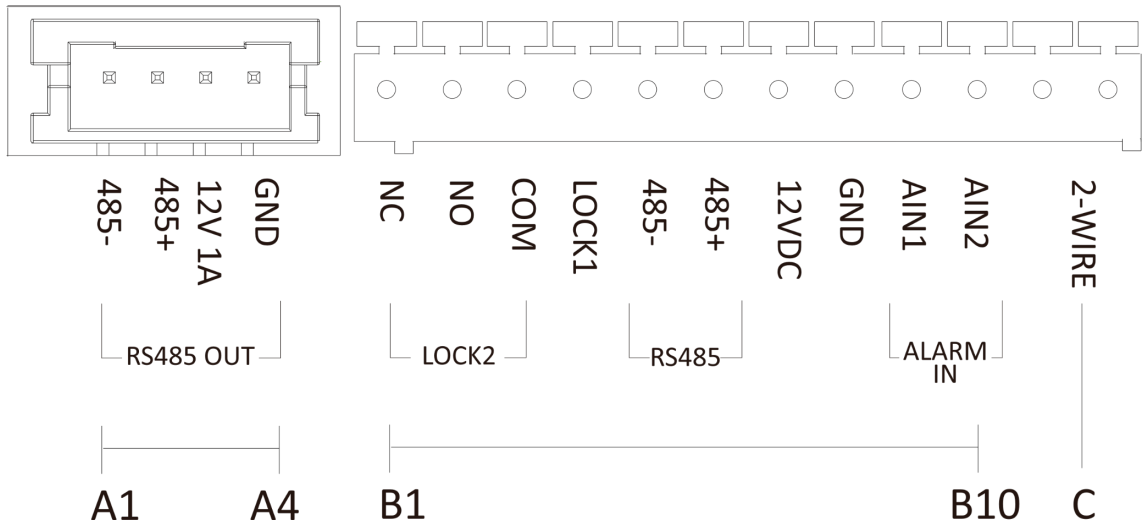

Figure 2-1 Main Unit Terminals

Table 2-1 Descriptions of Terminals and Interfaces

No.	Interface	Description
A1	485-	Module-connecting Interface
A2	485+	
A3	12V 1A	
A4	GND	
B1	NC	Door Lock Relay Output (NC)
B2	NO	Door Lock Relay Output (NO)
B3	COM	Common Interface
B4	LOCK1	Door Lock Interface
B5	485-	Reserved
B6	485+	
B7	12VDC	12 V power input

No.	Interface	Description
B8	GND	Grounding
B9	AIN1	Alarm In Interface
B10	AIN2	Alarm In Interface
C	2-WIRE Interface	2-Wire Interface

Wiring

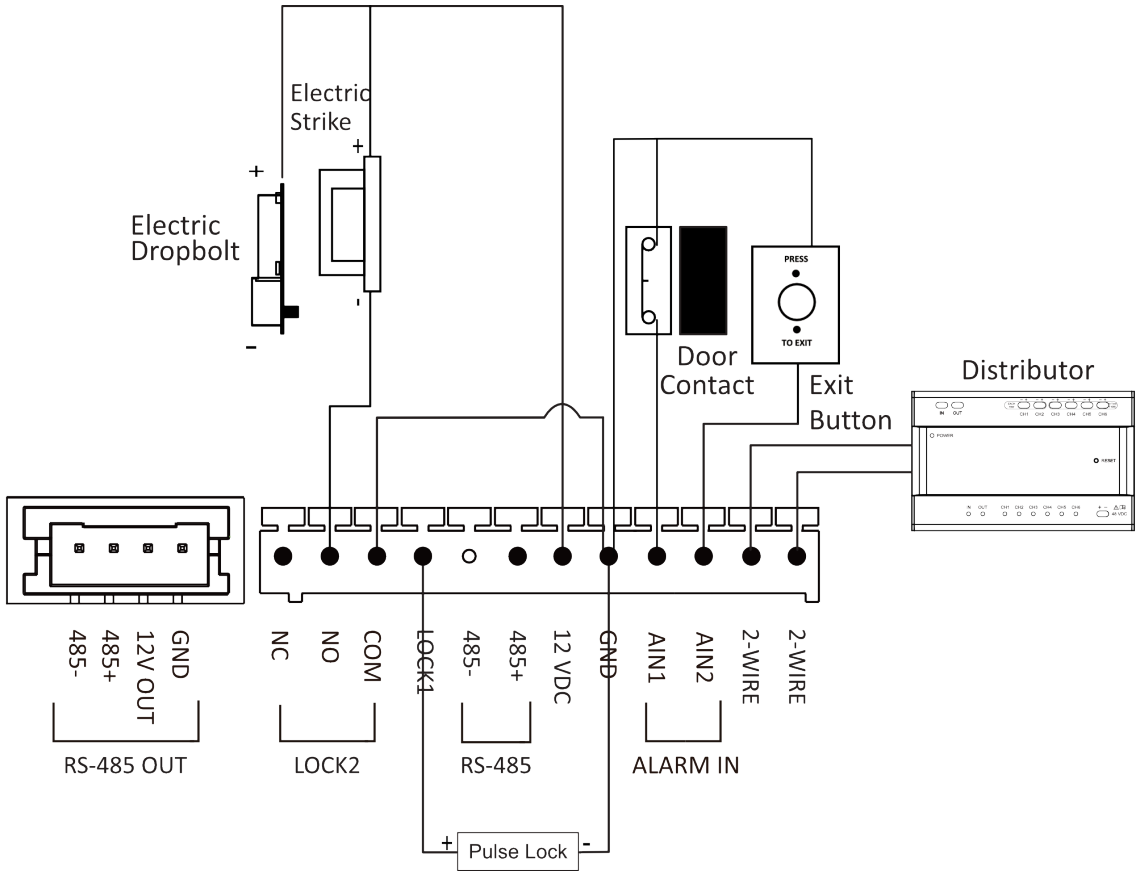

Figure 2-2 Wiring of Door Station

Chapter 3 Installation

Note

- Make sure the device in the package is in good condition and all the assembly parts are included.
- Sub module must work along with the main unit.
- Set the sub module address before start the installation steps.
- Make sure the place for surface mounting is flat.
- Make sure all the related equipment is power-off during the installation.
- Tools that you need to prepare for installation:
  Drill (ø6), cross screwdriver (PH1*150 mm), and gradienter.

3.1 One-Module Installation

3.1.1 One-Module Surface Mounting

Before You Start

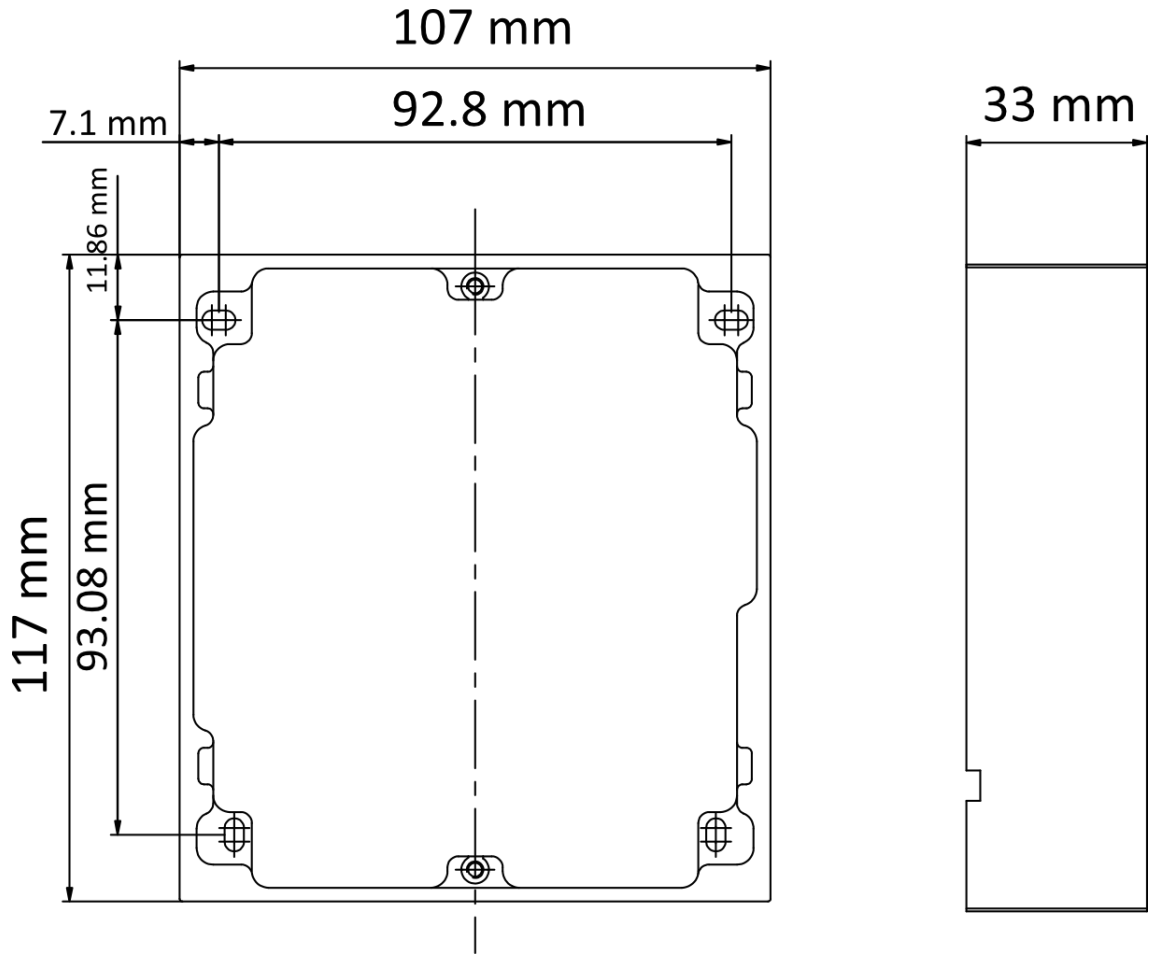

Figure 3-1 Mounting Frame

Note

- The depth of one module mounting frame is 33 mm.
- The dimensions above are for reference only. The actual size can be slightly different from the theoretical dimension.

Steps

1. Paste the installation Sticker 1 onto the wall. Make sure the sticker is placed horizontally via measuring with the gradienter.
2. Drill 4 holes according to the screw holes on the sticker.

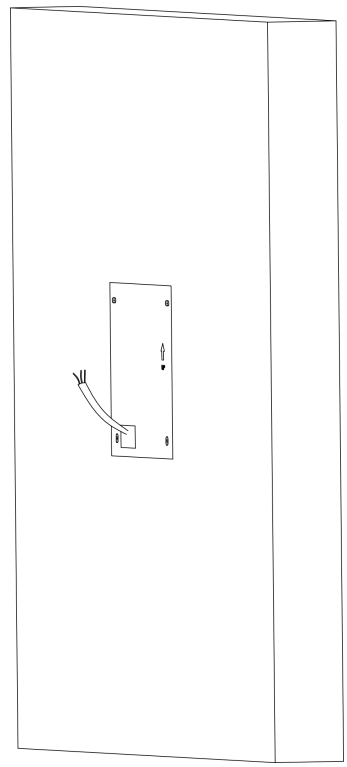

Figure 3-2 Drill Screw Holes

3. Remove the sticker and insert the expansion sleeves into the screw holes.
4. Fix the mounting frame onto the wall with 4 expansion bolts.

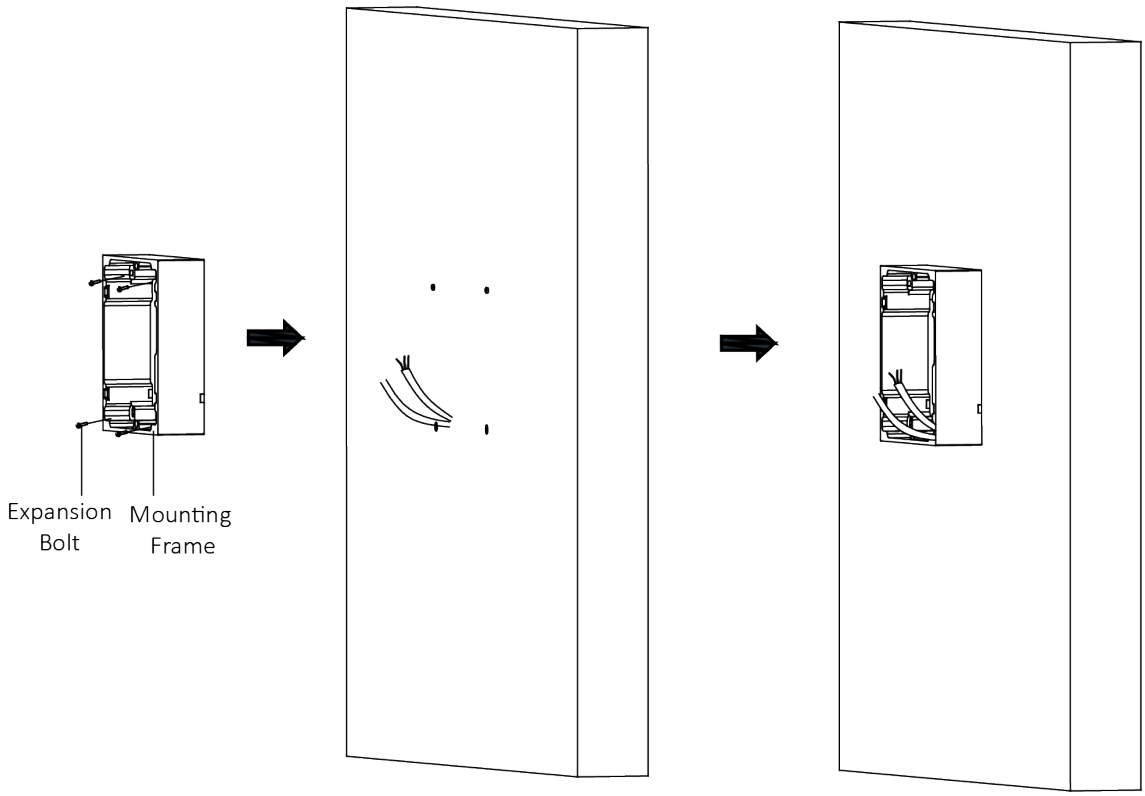

Figure 3-3 Fix the Mounting Frame

5. Connect the cables to the corresponding interfaces of the main unit and insert the main unit into the frame.

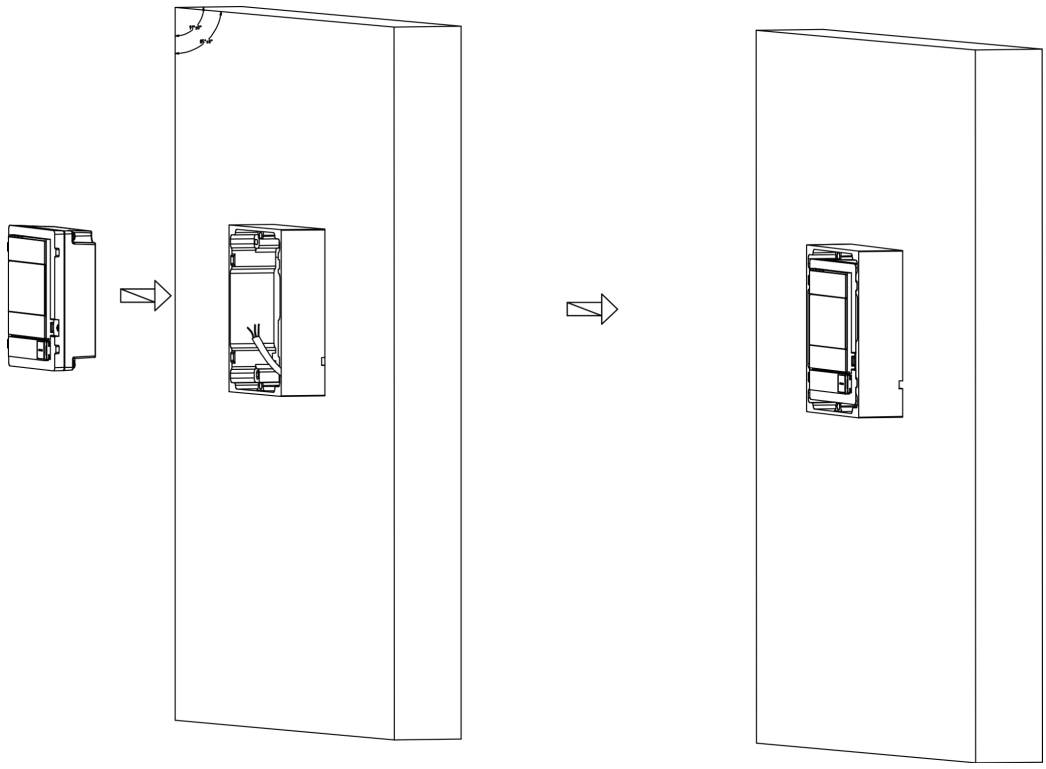

Figure 3-4 Insert the Main Unit

6. Fix the cover onto the frame.

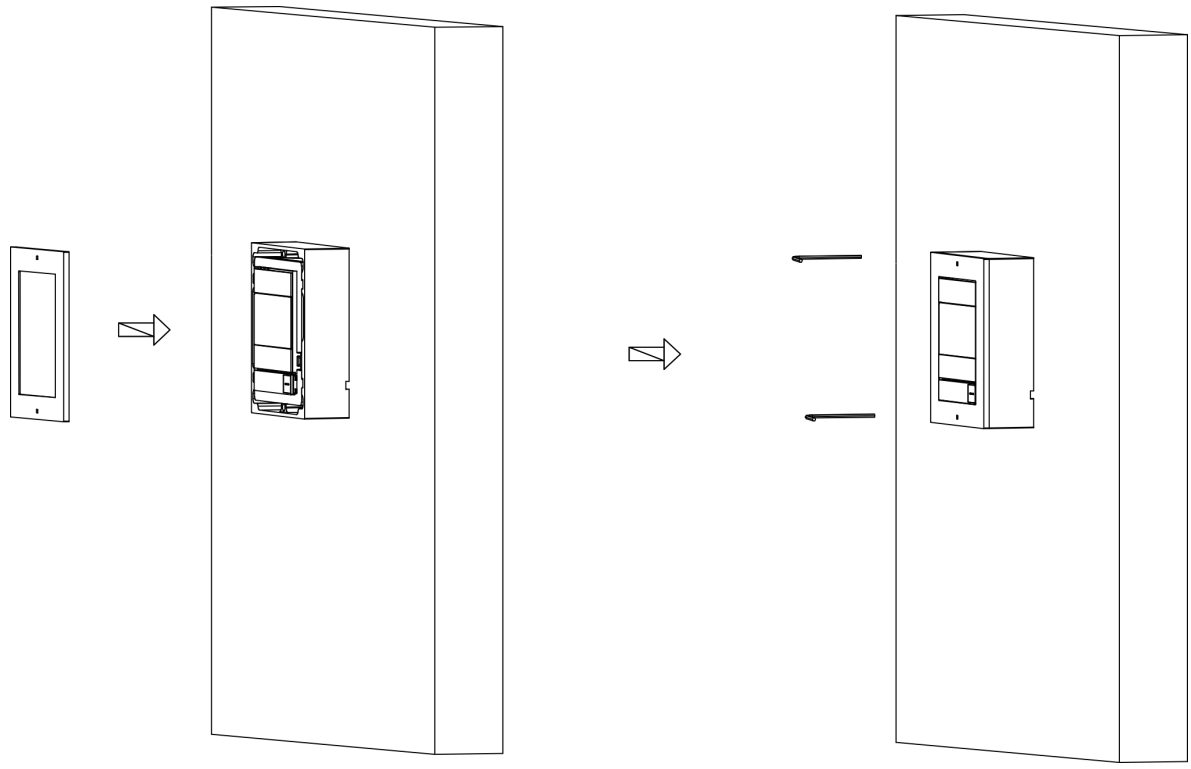

Figure 3-5 Fix the Cover

3.1.2 One-Module Flush Mounting

Before You Start

Steps

1. Drill an installation hole, and pull the cables out.

Note

The suggested dimension of installation hole is 33 mm (depth).

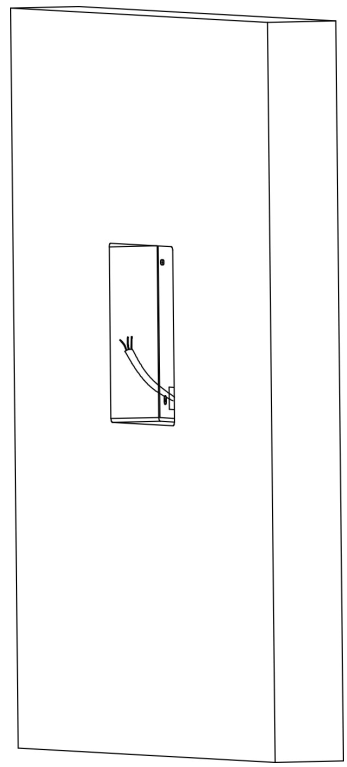

Figure 3-6 Drill Installation Hole

2. Remove the plastic sheet of the cable entry.
3. Mark the mounting frame screw holes on the wall.
   1) Route the cables through the mounting frame hole.
   2) Insert the mounting frame into the installation hole.
   3) Mark the mounting frame screw holes' position with a marker, and take out the mounting frame.

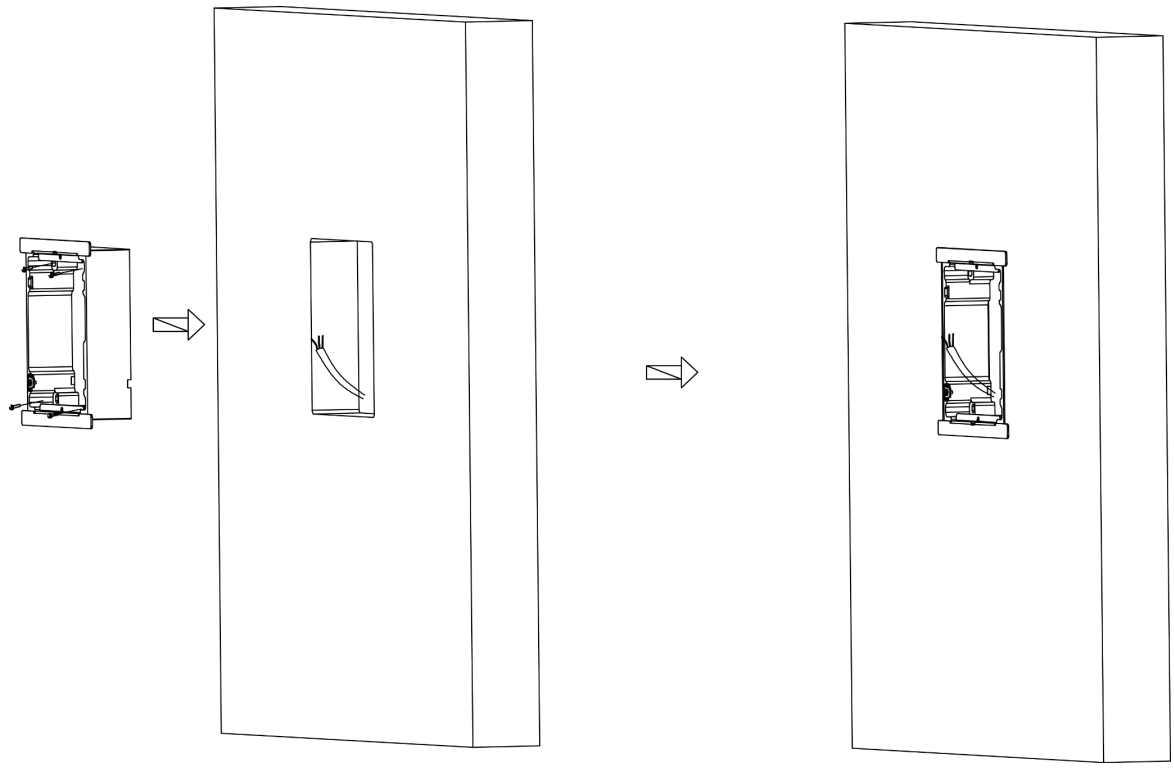

Figure 3-7 Mark the Screw Holes

4. Drill 4 holes according to marks on the wall, and insert the expansion sleeves into the screw holes.
5. Route the cables through the gang box hole. Insert the mounting frame into the installation hole. Fix the mounting frame with 4 expansion bolts.

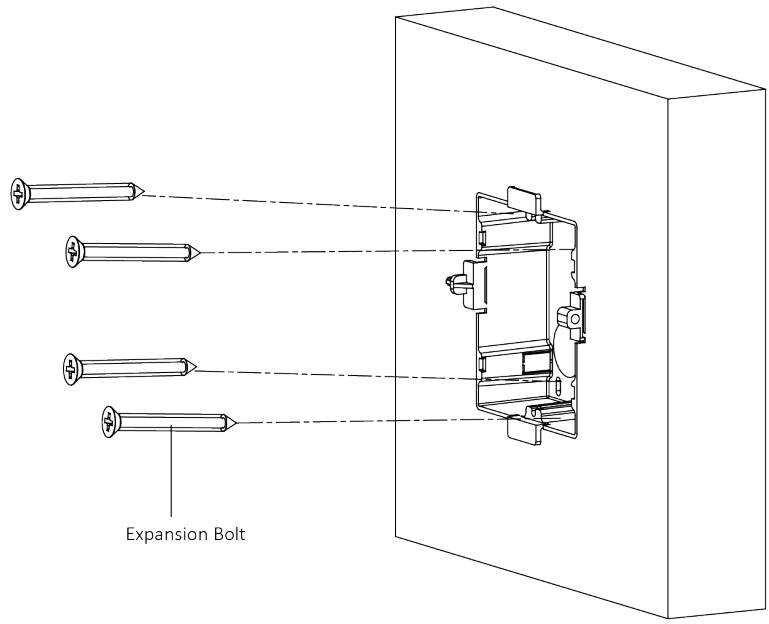

Figure 3-8 Fix the Mounting Fame

6. Fill the gap between the mounting frame and the wall with concrete. Remove the 4 mounting ears with tool after concrete is dry.

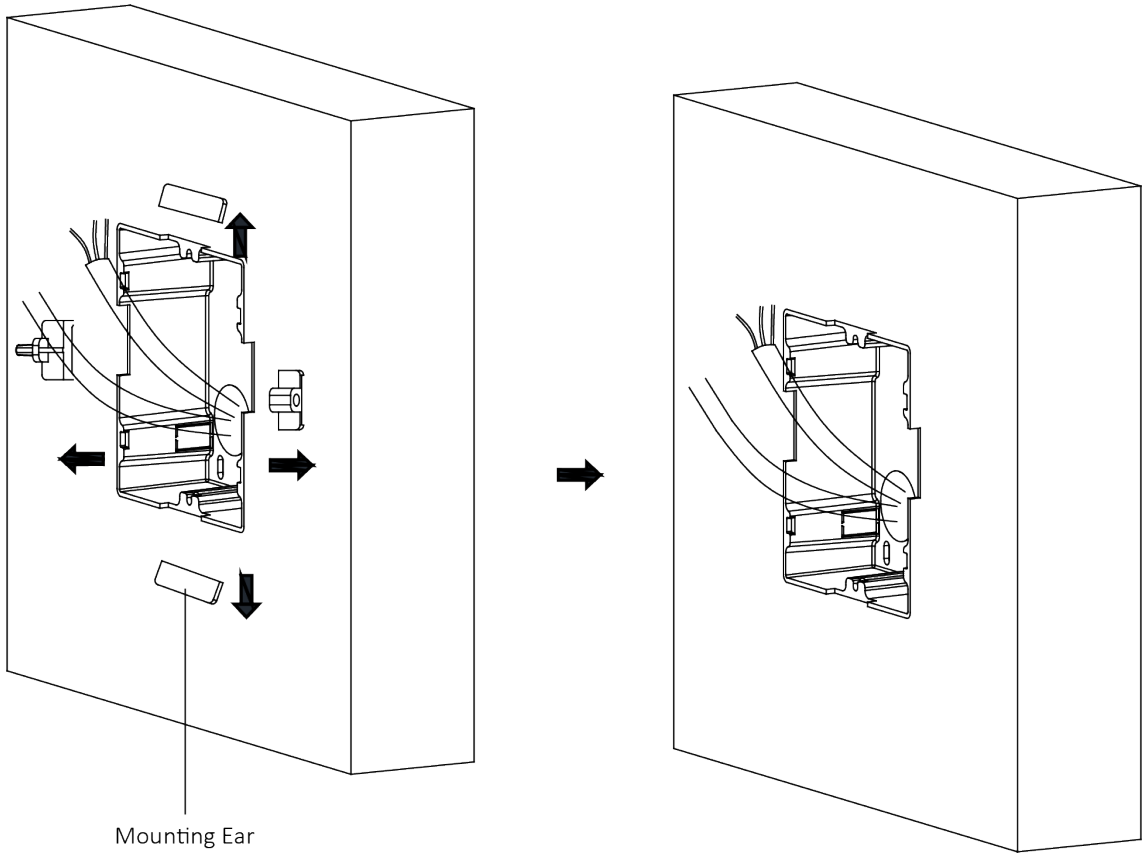

Figure 3-9 Remove the Mounting Ears

7. Connect the cables to the corresponding interfaces of the main unit and insert the unit into the mounting frame.

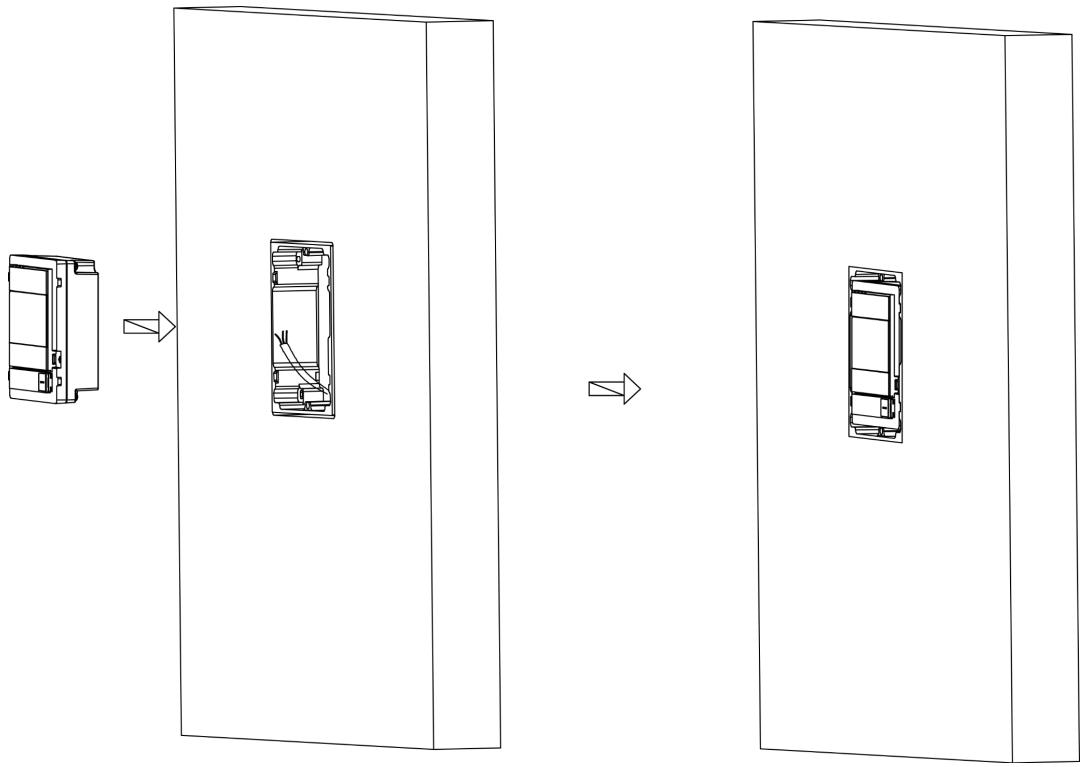

Figure 3-10 Insert the Main Unit

8. Fix the cover and the main unit with 2 socket head cap screws by using a hexagon wrench (supplied).

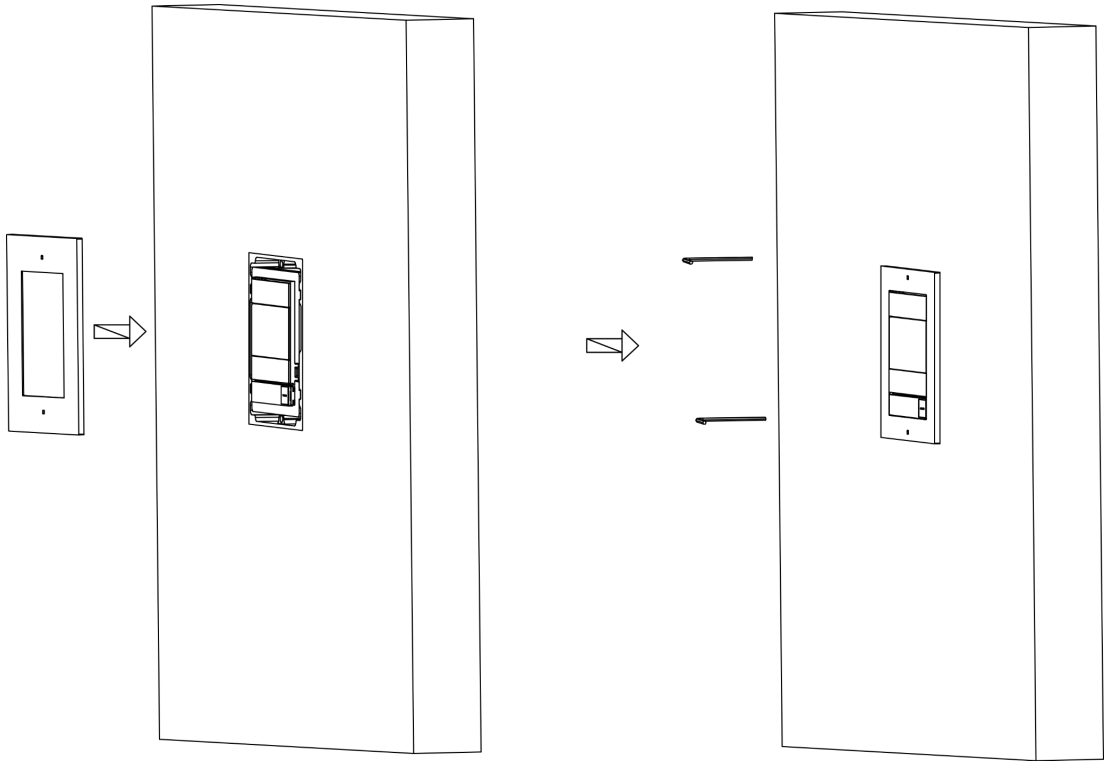

Figure 3-11 Fix the Cover

3.2 Two-Module Installation

3.2.1 Two-Module Surface Mounting

Before You Start

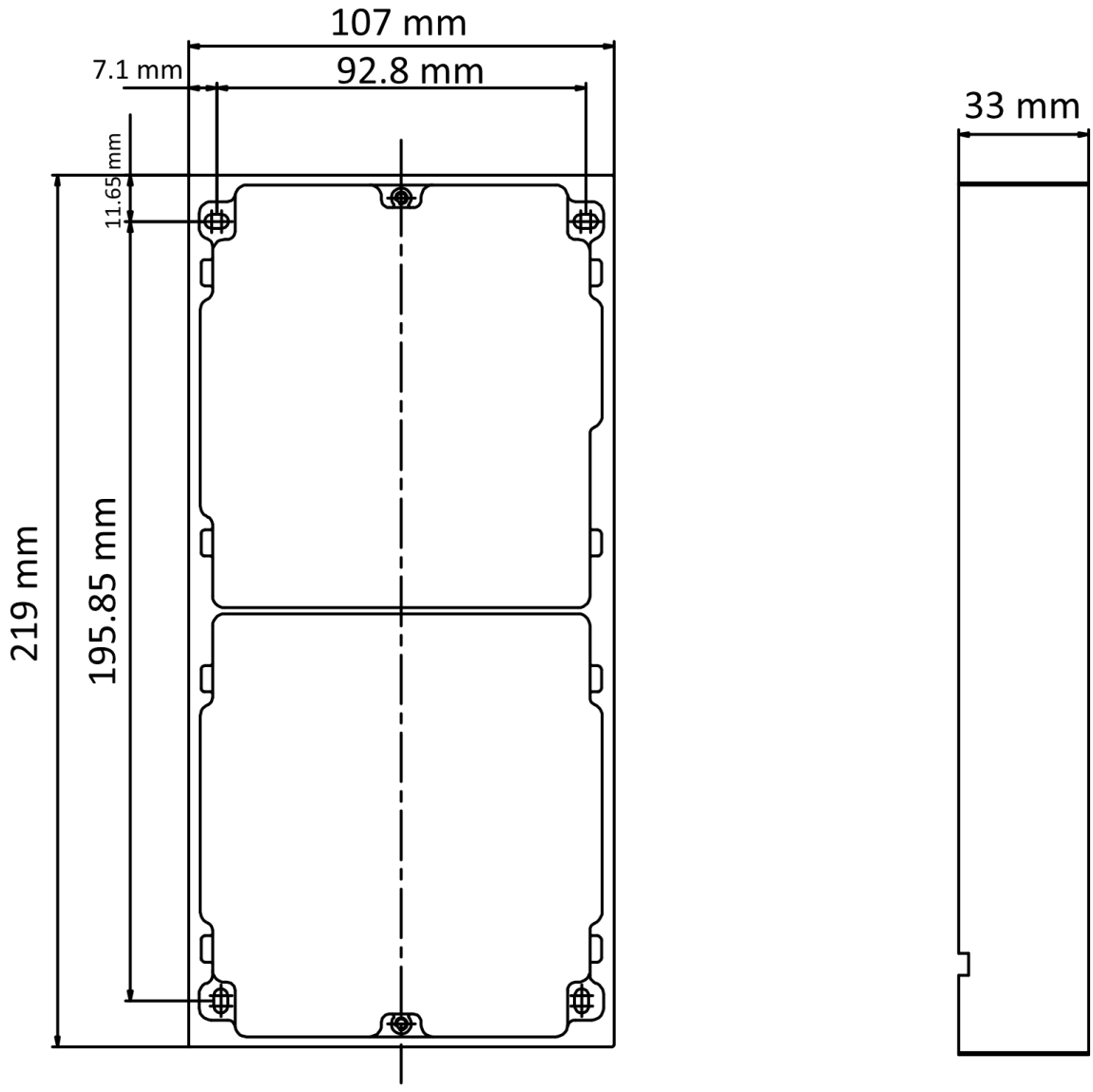

Figure 3-12 Mounting Frame

Note

- The suggested depth of the installation hole is 33 mm.
- The dimensions above are for reference only. The actual size can be slightly different from the theoretical dimension.

Steps

1. Paste the installation Sticker 1 onto the wall. Make sure the sticker is placed horizontally via measuring with the gradienter.
2. Drill 4 holes according to the screw holes on the sticker. The suggested length of cables left outside is 270 mm.

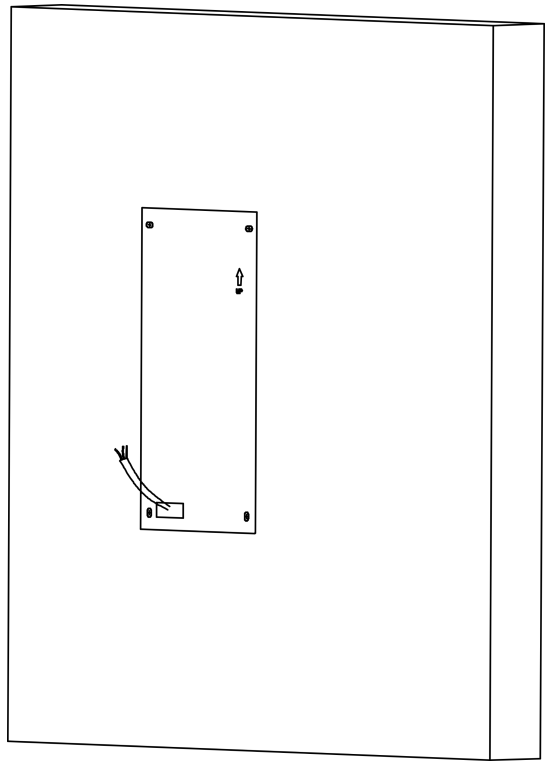

Figure 3-13 Drill Screw Holes

3. Remove the sticker and insert the expansion sleeves into the screw holes.
4. Fix the mounting frame onto the wall with 4 expansion bolts.

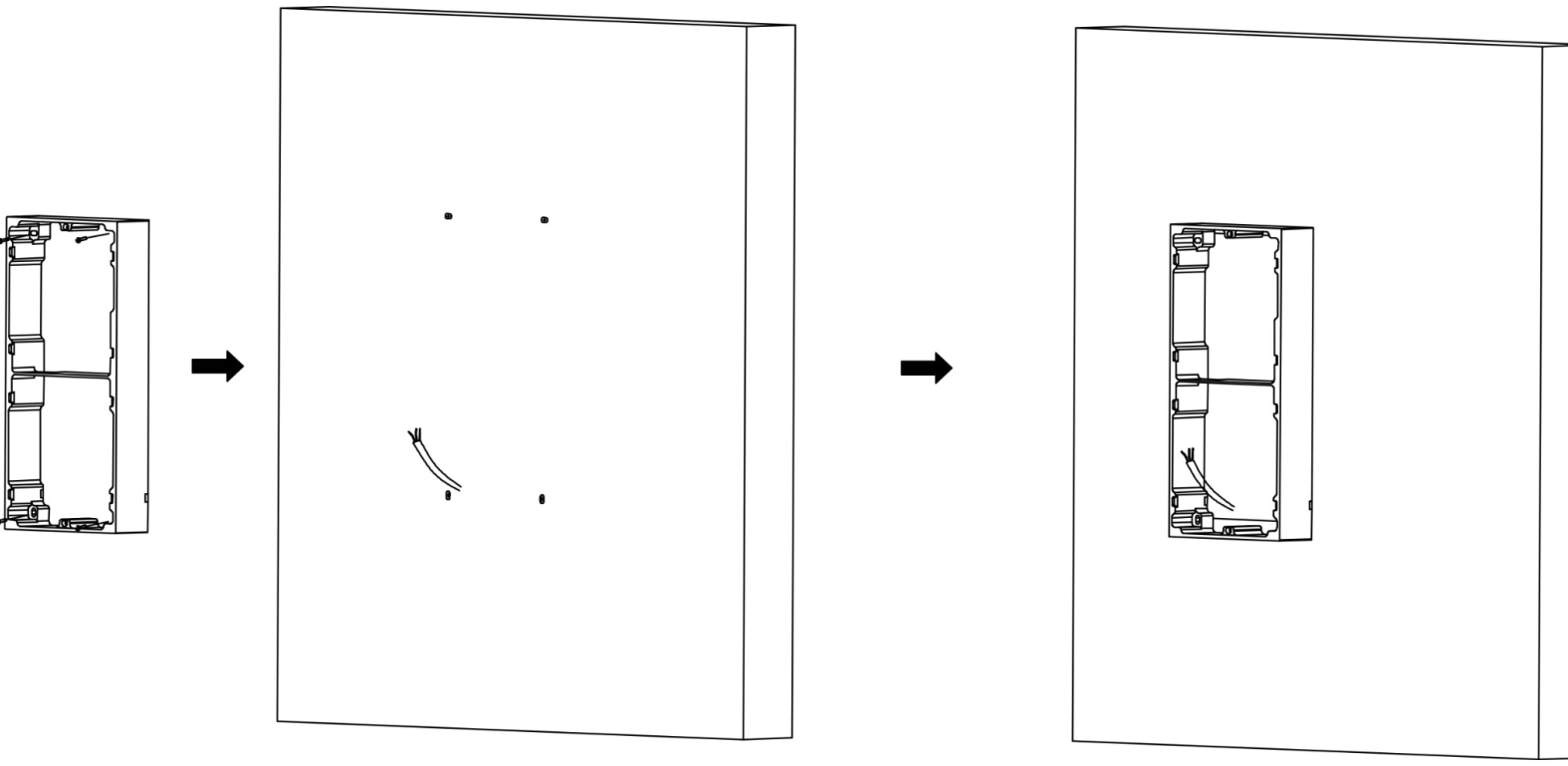

Figure 3-14 Fix the Mounting Frame

5. Thread the module-connecting line across the thread hole of the frame. Pass the main unit connecting lines across the thread hole to the upper grid.

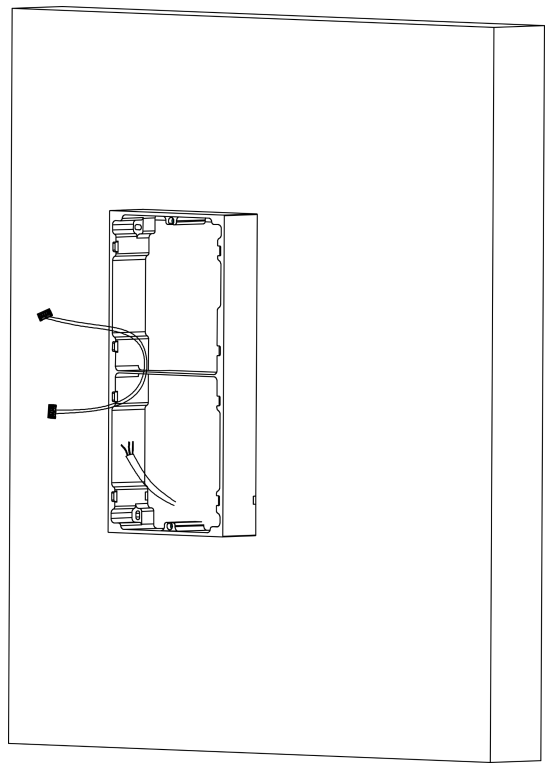

Figure 3-15 Placement of Lines

6. Connect the cables.

1) Connect the lines and module-connecting line to the corresponding interfaces of the main unit, then place the main unit into the upper grid.
2) Connect the other end of the module-connecting line to the input interface of the sub module.
3) Organize the cable with cable tie in the package. The suggested cable connection picture as shown below.

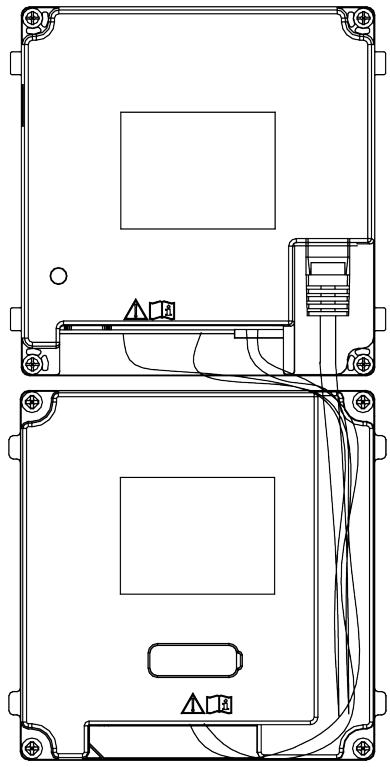

Figure 3-16 Line Connection Effect Picture

7. Insert the modules into the frame after wiring. The main unit must be placed in the top grid.

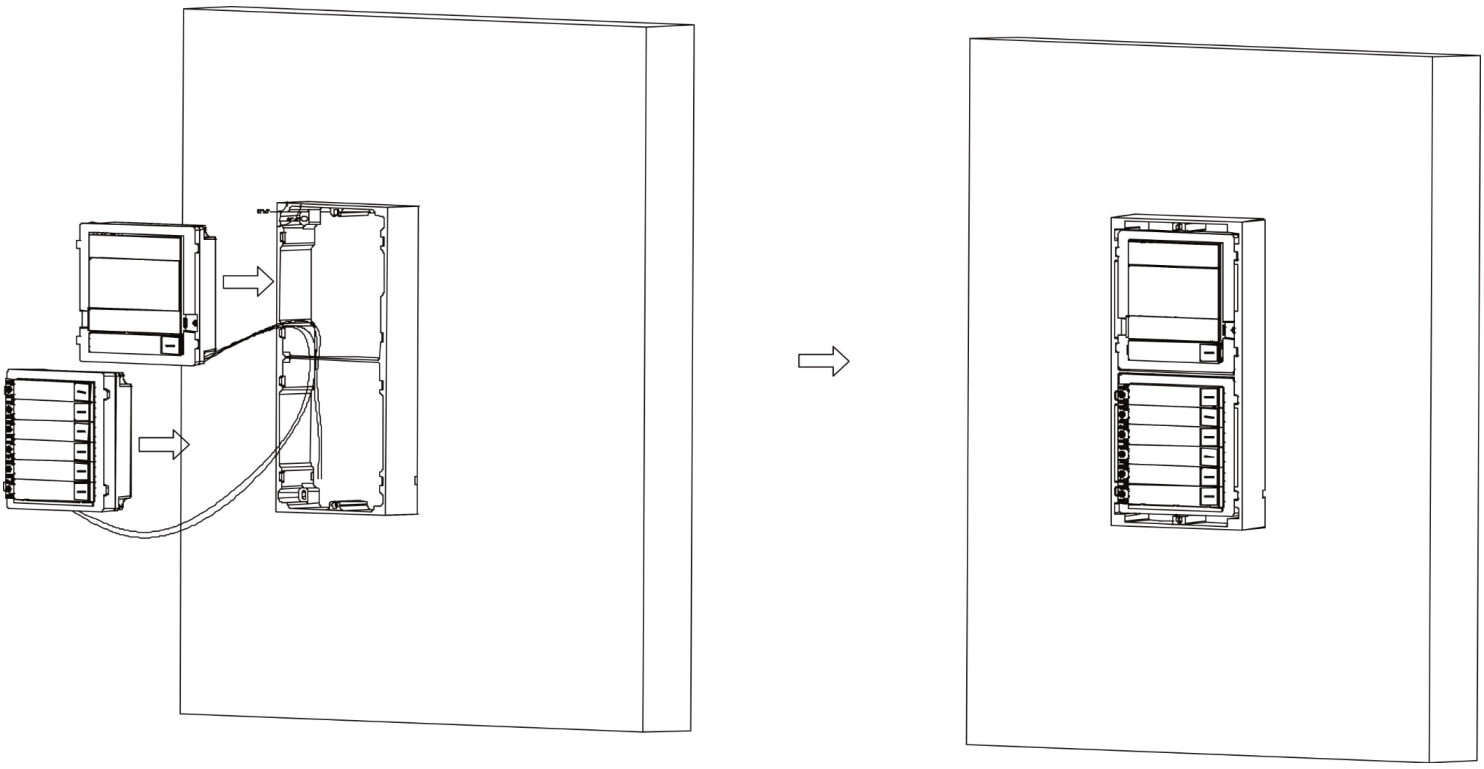

Figure 3-17 Insert the Modules

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

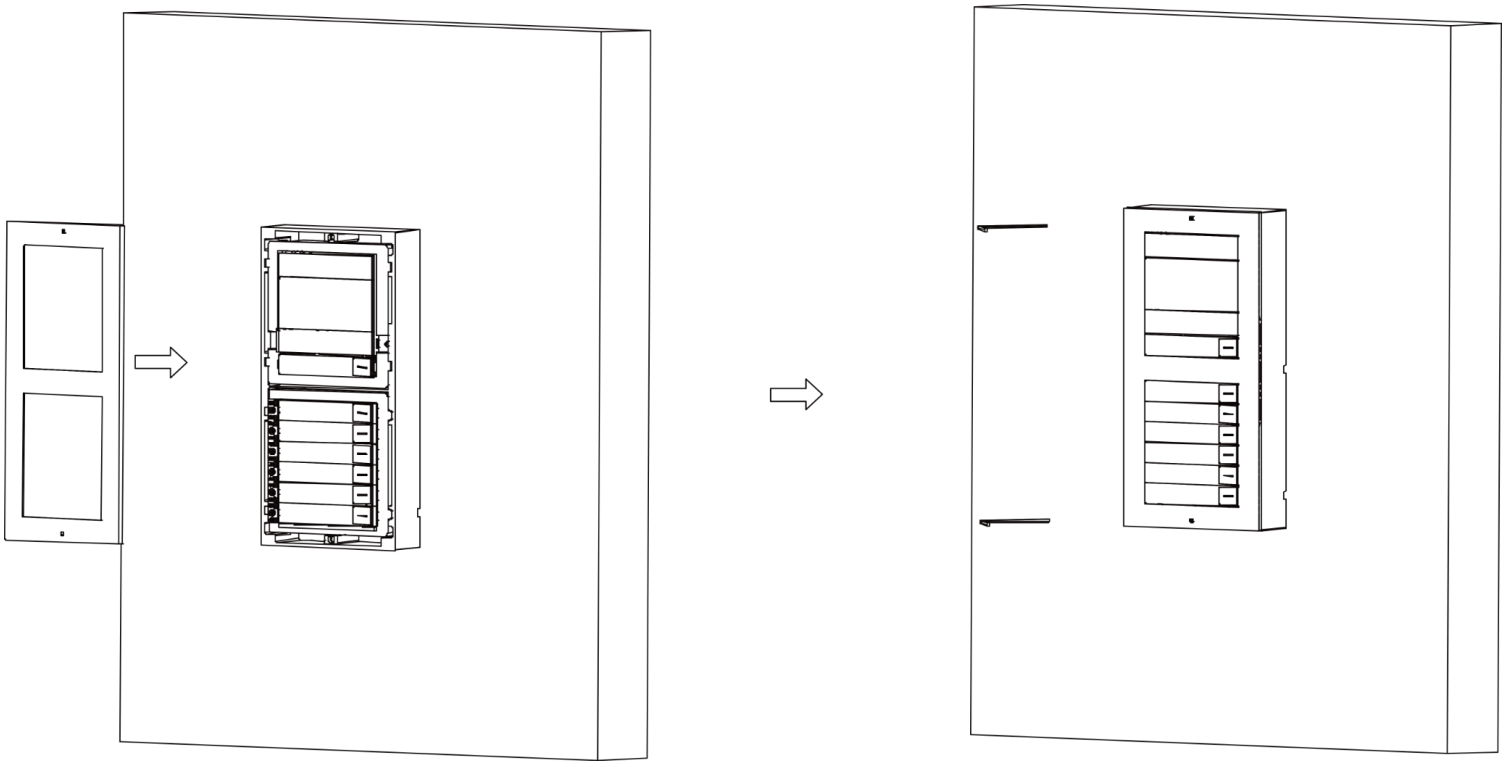

Figure 3-18 Fix the Cover

3.2.2 Two-Module Flush Mounting

Before You Start

Note

The suggested depth of the installation hole is 33 mm.

Steps

1. Drill the installation hole, and pull the cable out.

   Note

   The suggested length of cables left outside is 270 mm.

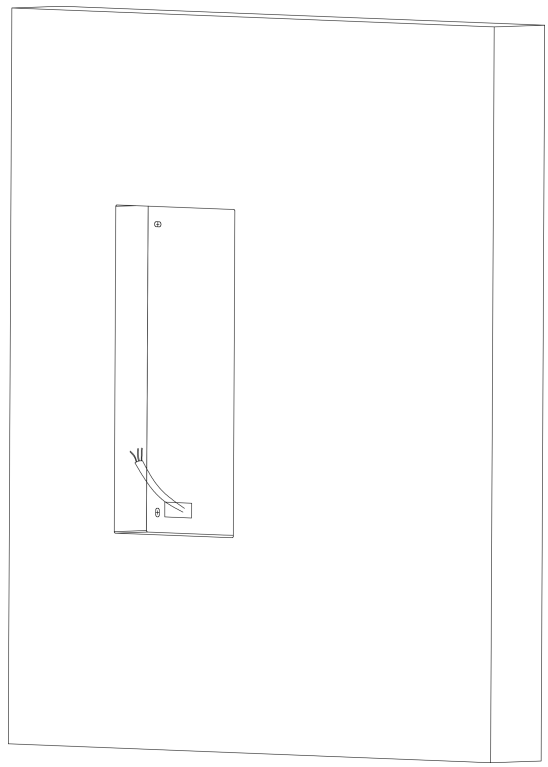

Figure 3-19 Drill the Installation Hole

2. Select a cable entry and remove the plastic sheet.
3. Mark the mounting frame screw holes on the hole.
   1) Routs the cables through the mounting frame hole.
   2) Insert the mounting frame into the installation hole.
   3) Mark the mounting frame screw holes' position with a marker, and take out the frame.
4. Drill 4 holes according to the marks on the wall, and insert the expansion sleeves into the screw holes.
5. Fix the mounting frame with 4 expansion bolts.

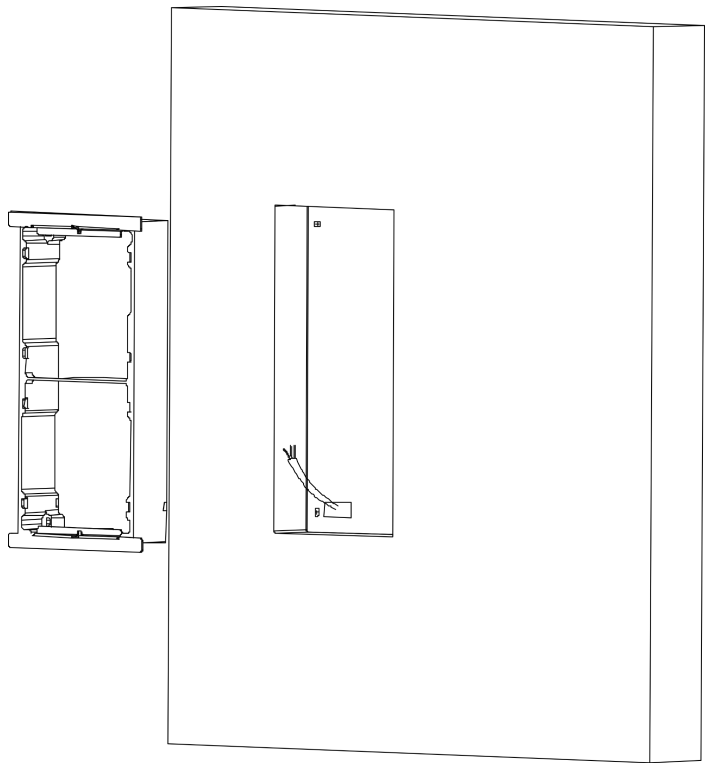

Figure 3-20 Fix the Mounting Frame

6. Fill the gap between the mounting frame and the wall with concrete. Remove the mounting ears with tool after concrete is dry.

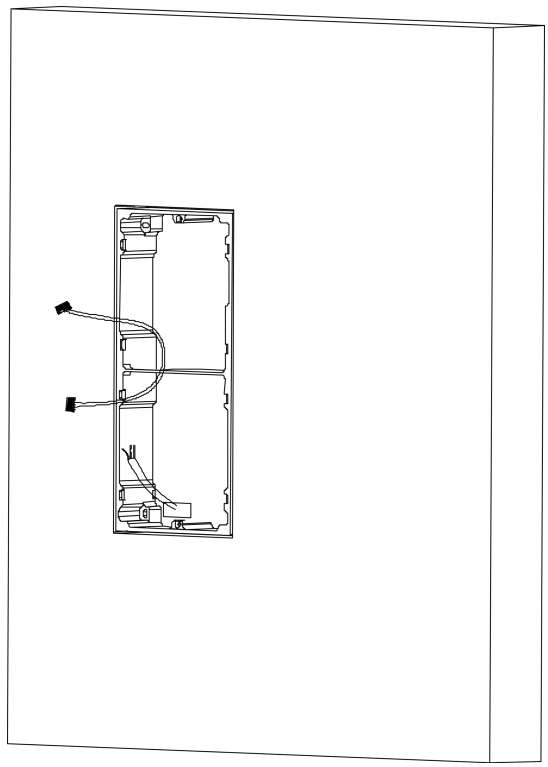

Figure 3-21 Remove the Mounting Ears

7. Connect cables and insert the modules.

1) Connect Cable 1 and one end of Cable 2 to the corresponding interfaces of the main unit, then insert the main unit into the upper grid.
2) Connect the other end of Cable 2 to the input interface of the sub module. Insert it into the lower grid.

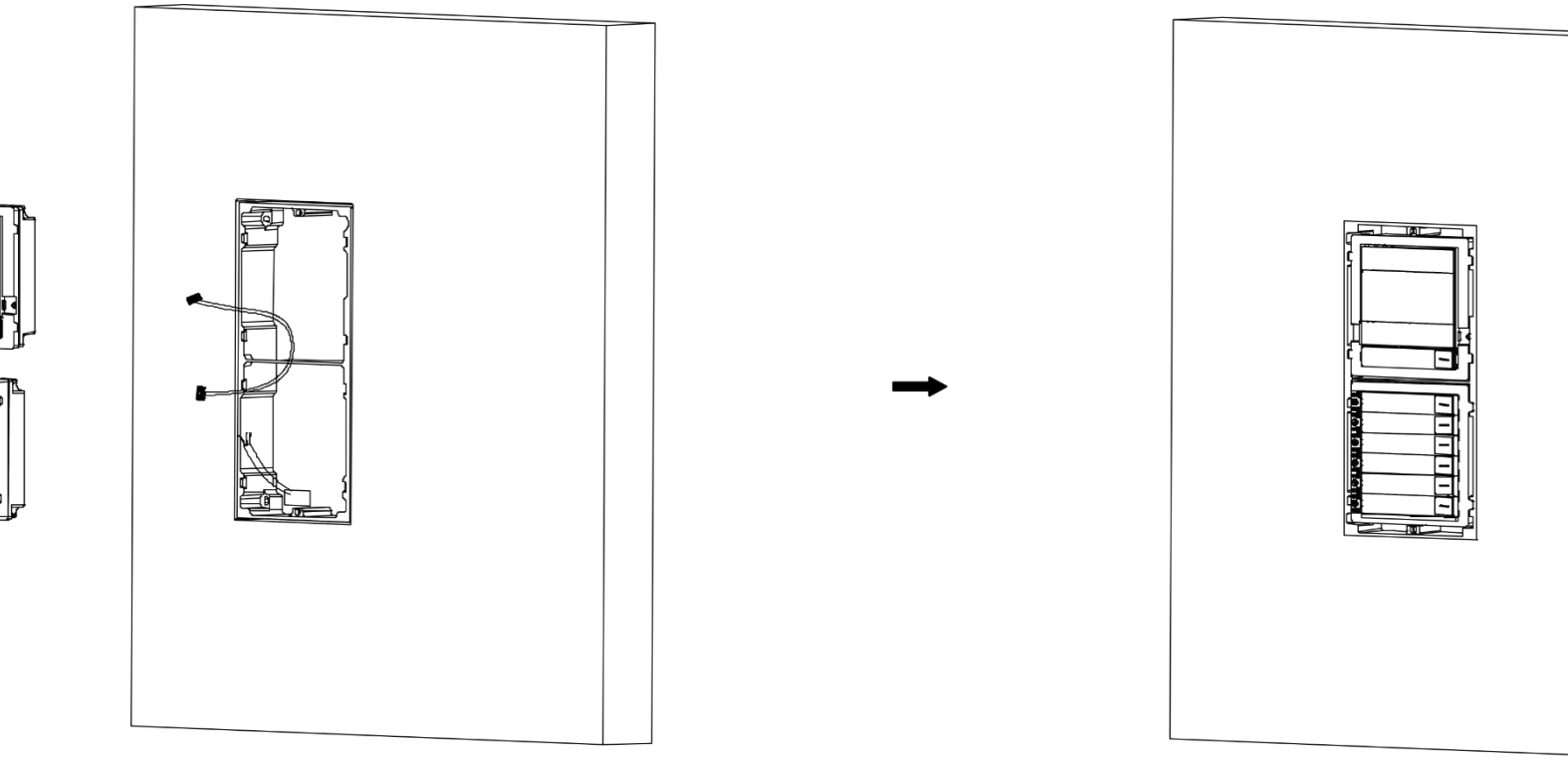

Figure 3-22 Connect Cables and Insert the Modules

Note

Cable 1 refers to the cables pulled out from the wall that connected to the main unit. Cable 2 refers to the module-connecting line in the accessory package.

8. Fix the cover with 2 socket head cap screws by using a hexagon wrench (supplied).

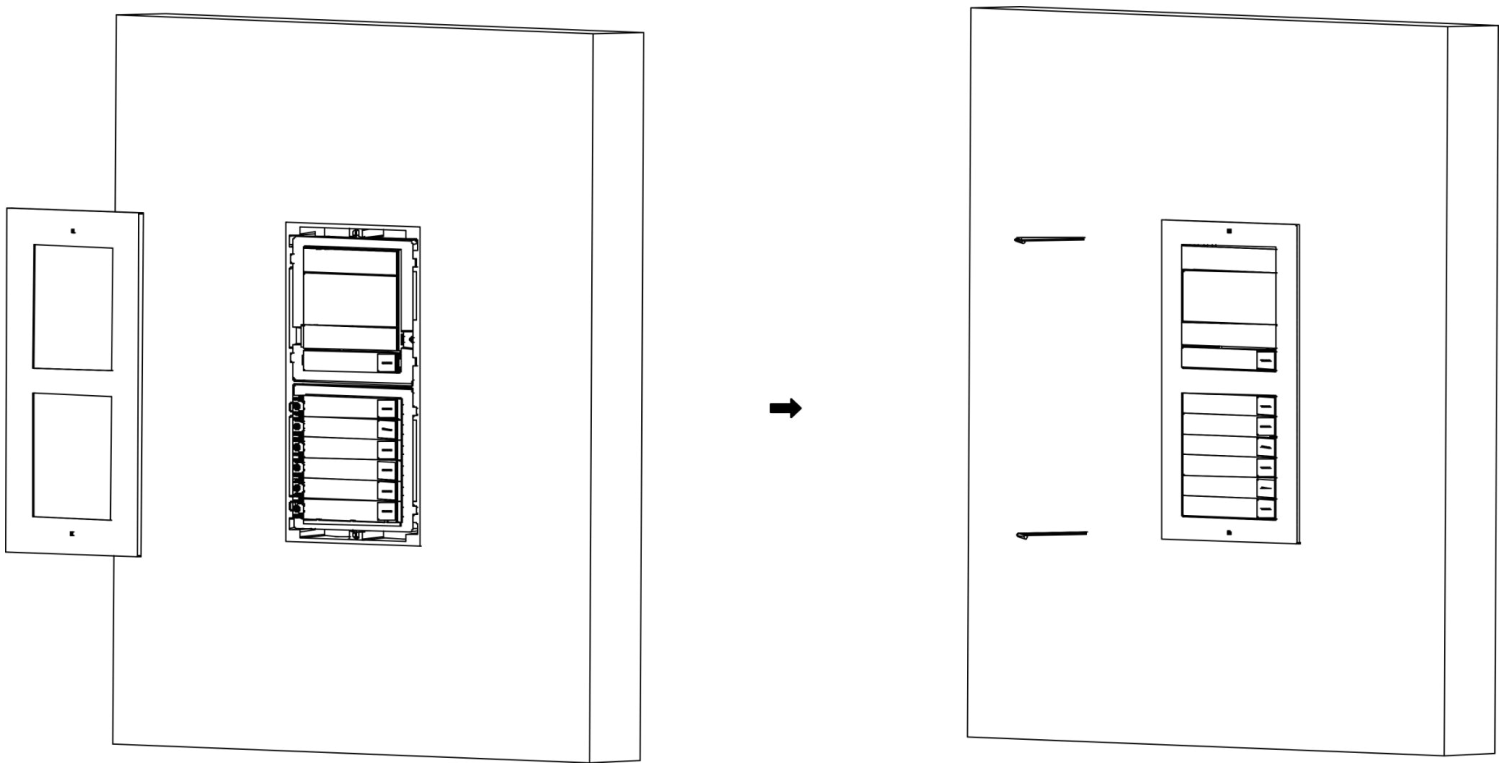

Figure 3-23 Fix the Cover

3.3 Three-Module Installation

3.3.1 Three-Module Surface Installation

Before You Start

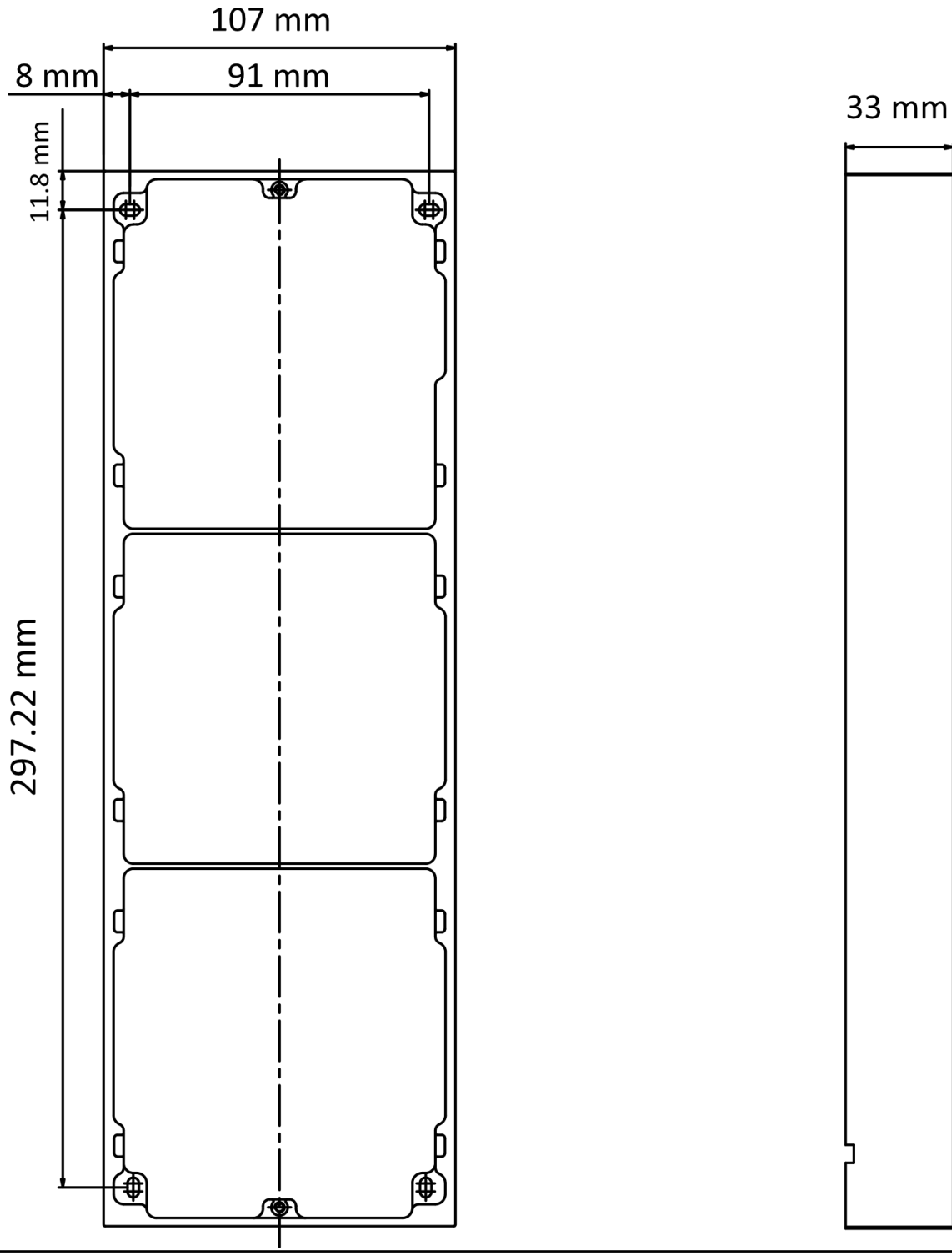

Figure 3-24 Mounting Frame

Note

- The dimension of two-module mounting frame (W × H × D) is: 320.8 mm × 107 mm × 32.7 mm.
- The dimensions above are for reference only. The actual size can be slightly different from the theoretical dimension.

Steps

1. Paste the installation sticker 1 onto the wall. Make sure the sticker is placed horizontally via measuring with the gradienter.
2. Drill 4 holes according to the screw holes on the sticker. The suggested size of hole is 6 (diameter) × 25 (depth) mm. The suggested length of cables left outside is 270 mm.

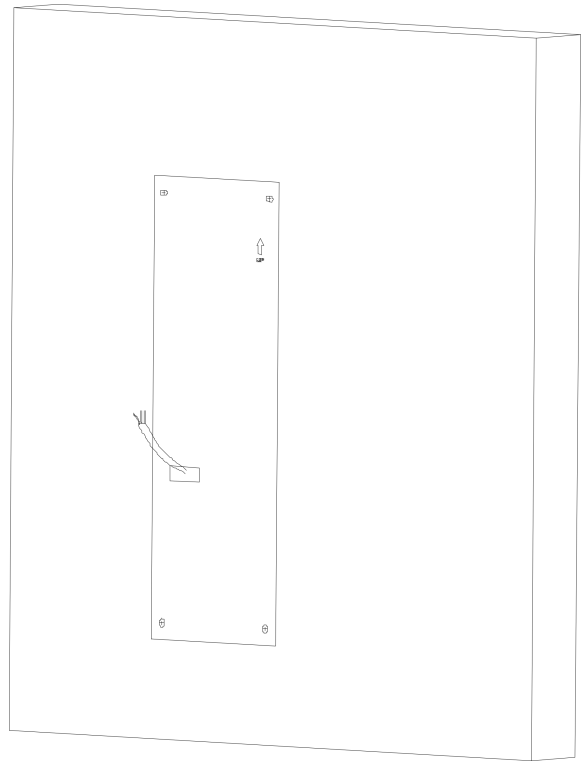

Figure 3-25 Drill Screw Holes

3. Remove the sticker and insert the expansion sleeves into the screw holes.
4. Fix the mounting frame onto the wall with 4 expansion bolts.

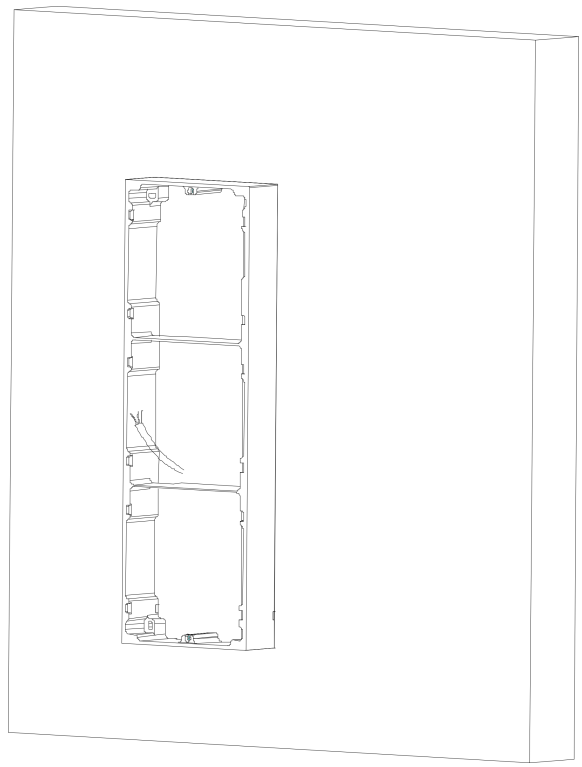

Figure 3-26 Fix the Mounting Frame

Note

The mounting frame should be placed exactly as shown below for this step. The tamper plate should be at the low right of the first grid.

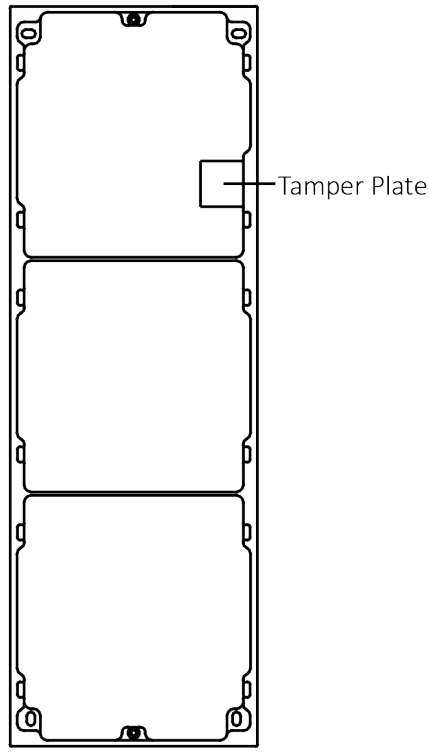

Figure 3-27 Mounting Frame

5. Thread the module-connecting line across the thread holes of the frame. Pass the main unit connecting line across the thread hole to the top grid.
6. Connect the cables.

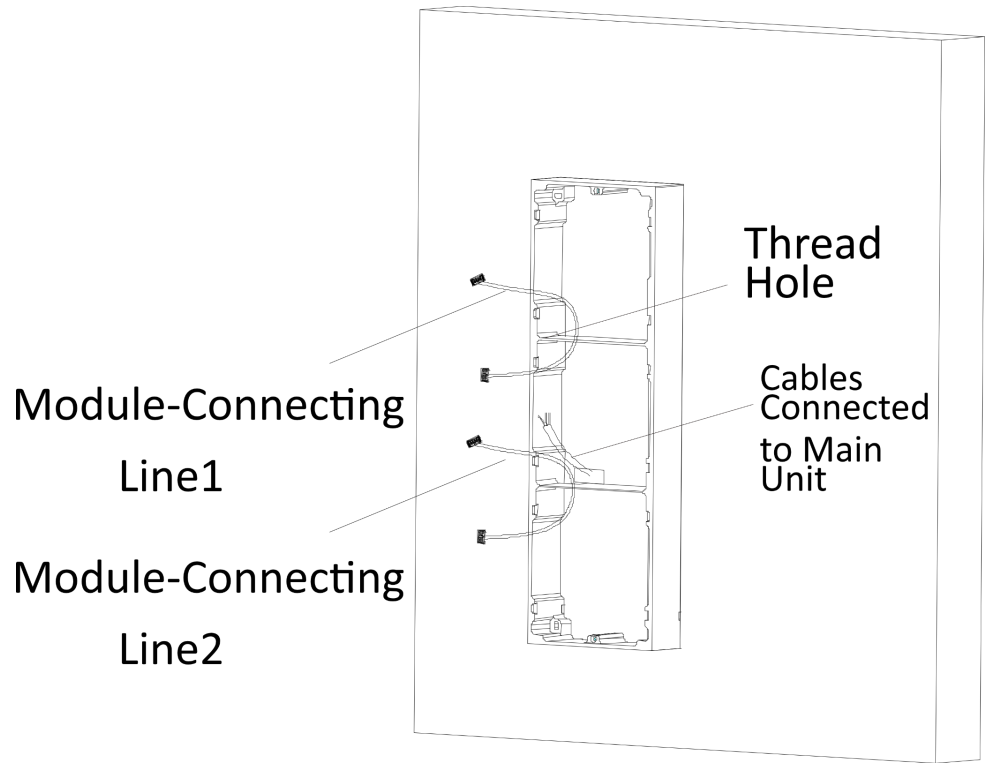

Figure 3-28 Connect the Cables

1) Connect the lines and module-connecting line 1 to the corresponding interfaces of the main unit, then place the main unit into the upper grid.
2) Connect the other end of the module-connecting line 1 to the input interface of the sub module. Connect two sub modules via module-connecting line 2.
3) Organize the cables with cable tie in the package. The suggested cable connection picture as shown below.

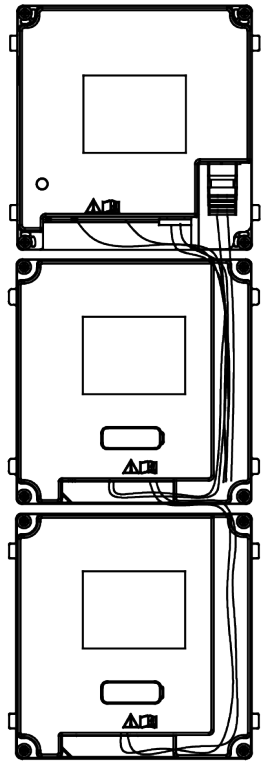

Figure 3-29 Line Connection Effect Picture

7. Insert the modules into the frame after wiring. The main unit must be placed in the top grid.

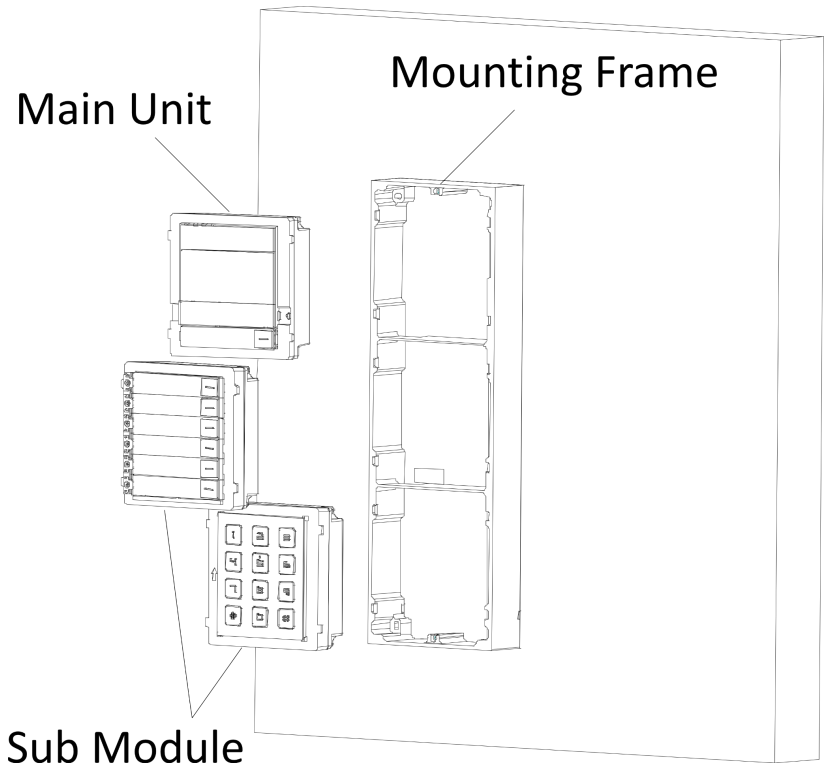

Figure 3-30 Insert the Modules into the Frame

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

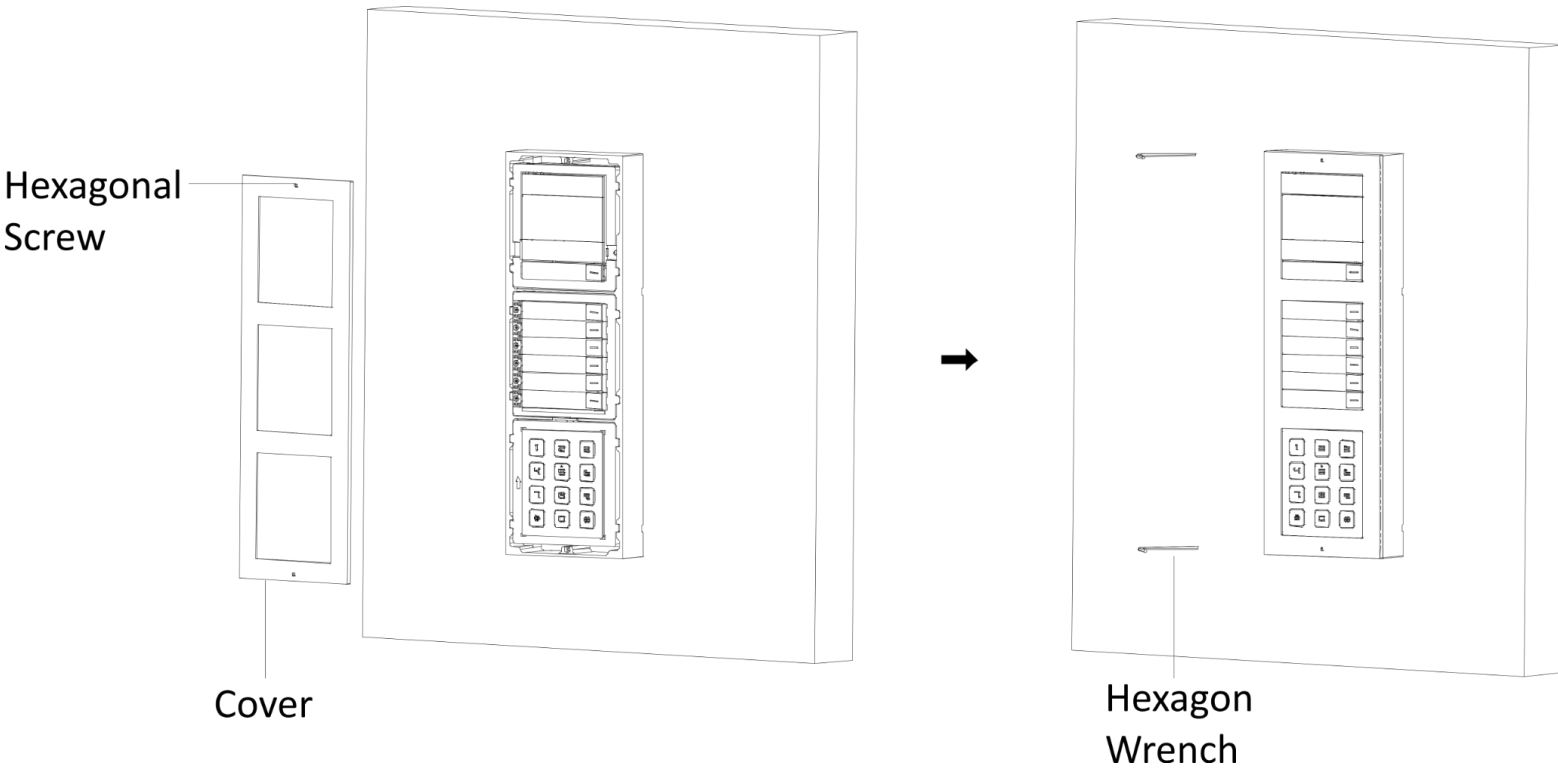

Figure 3-31 Fix the Cover

3.3.2 Three-Module Flush Mounting

Steps

1. Cave the installation hole, and pull the cable out. The suggested dimension of installation hole is 33 mm. The suggested length of cables left outside is 270 mm.

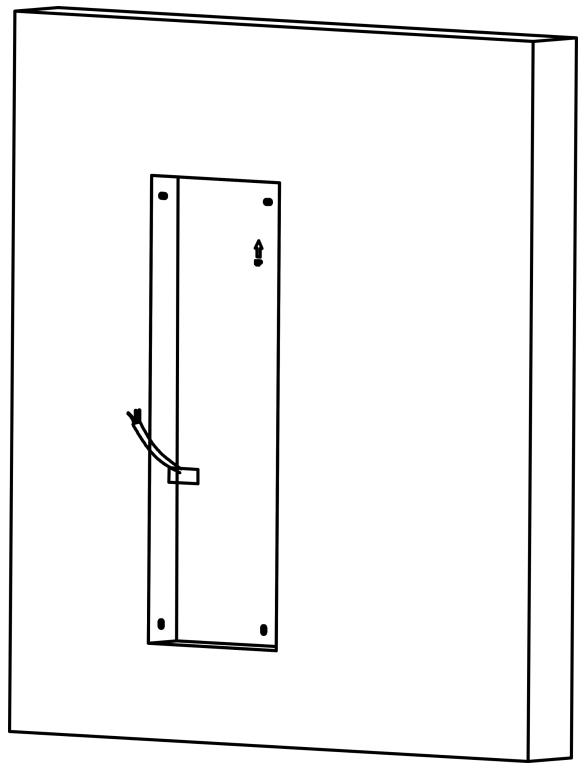

Figure 3-32 Cave the Installation Hole

2. Select a cable entry and remove the plastic sheet.
3. Mark the mounting frame screw holes on the wall.
   1) Route the cables through the frame hole.
   2) Insert the frame into the installation hole.
   3) Mark the frame screw holes' position with a marker, and take out the frame.

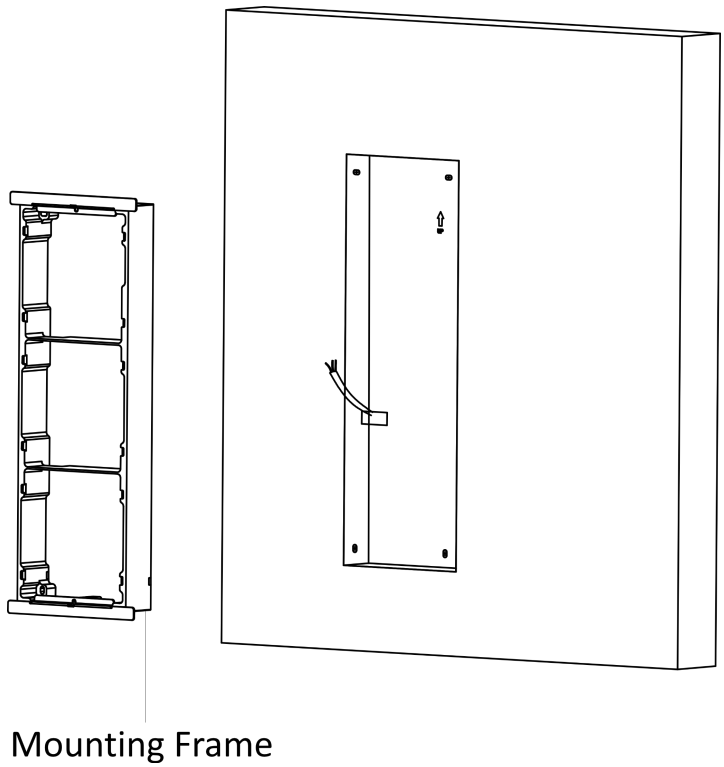

Figure 3-33 Mark the Screw Holes

4. Drill 4 holes according to marks on the wall, and insert the expansion sleeves into the screw holes.
5. Fix the frame with 4 expansion bolts.
6. Fill the gap between the mounting frame and wall with concrete. Remove the mounting ears with tool after concrete is dry.

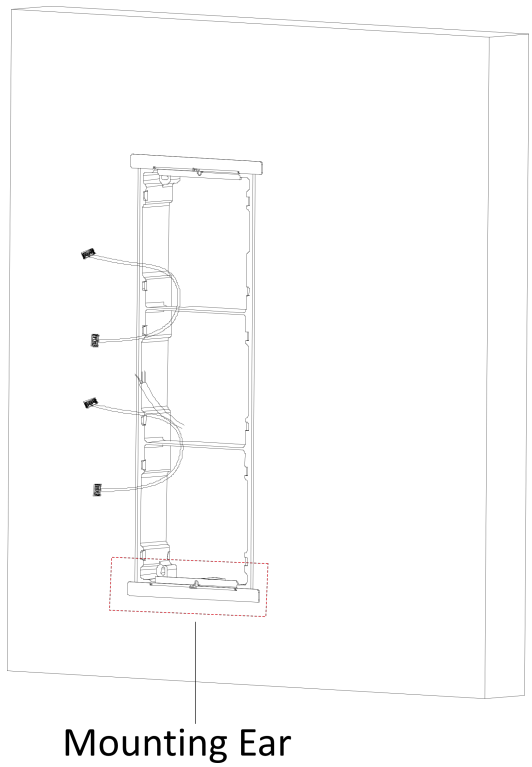

Figure 3-34 Remove the Mounting Ears

7. Connect cables and insert the modules.

1) Connect Cable 1 and one end of Cable 2 to the corresponding interfaces of the main unit, then insert the main unit into the upper grid.
2) Connect the other end of Cable 2 to the input interface of Sub Module 1. Connect one end of Cable 3 to the output interface of Sub Module 1 and insert it into the middle grid.
3) Connect the other end of Cable 3 to the input interface of Sub Module 2. Insert it into the bottom grid.

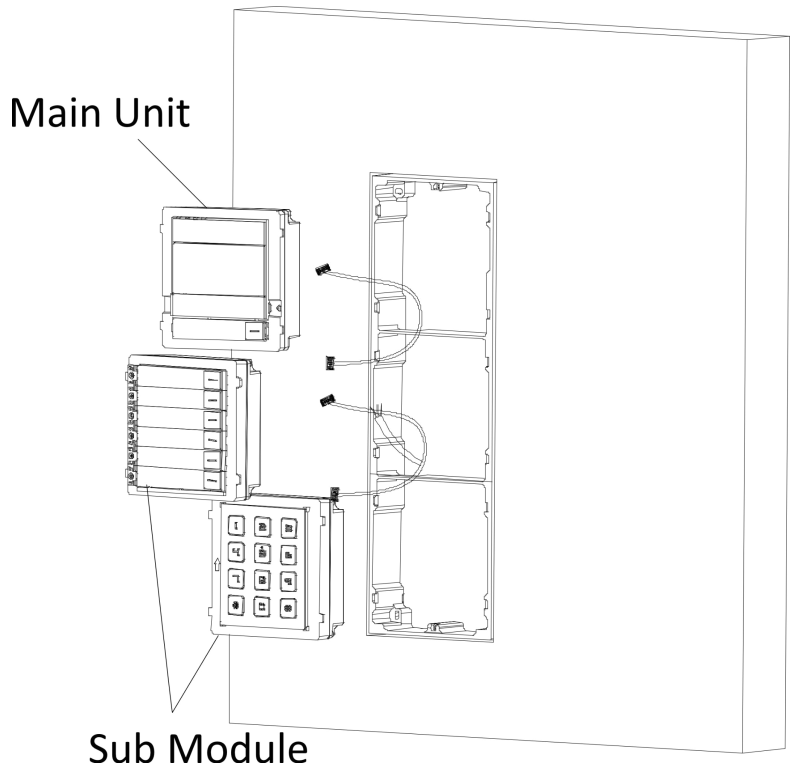

Figure 3-35 Connect Cables and Insert Modules

Note

Cable 1 refers to the cables pulled out from the wall that connected to the main unit. Cable 2 and Cable 3 refer to the module-connecting line in the accessory package.

8. Fix the cover and the main unit with 2 socket head cap screws by using a hexagon wrench.

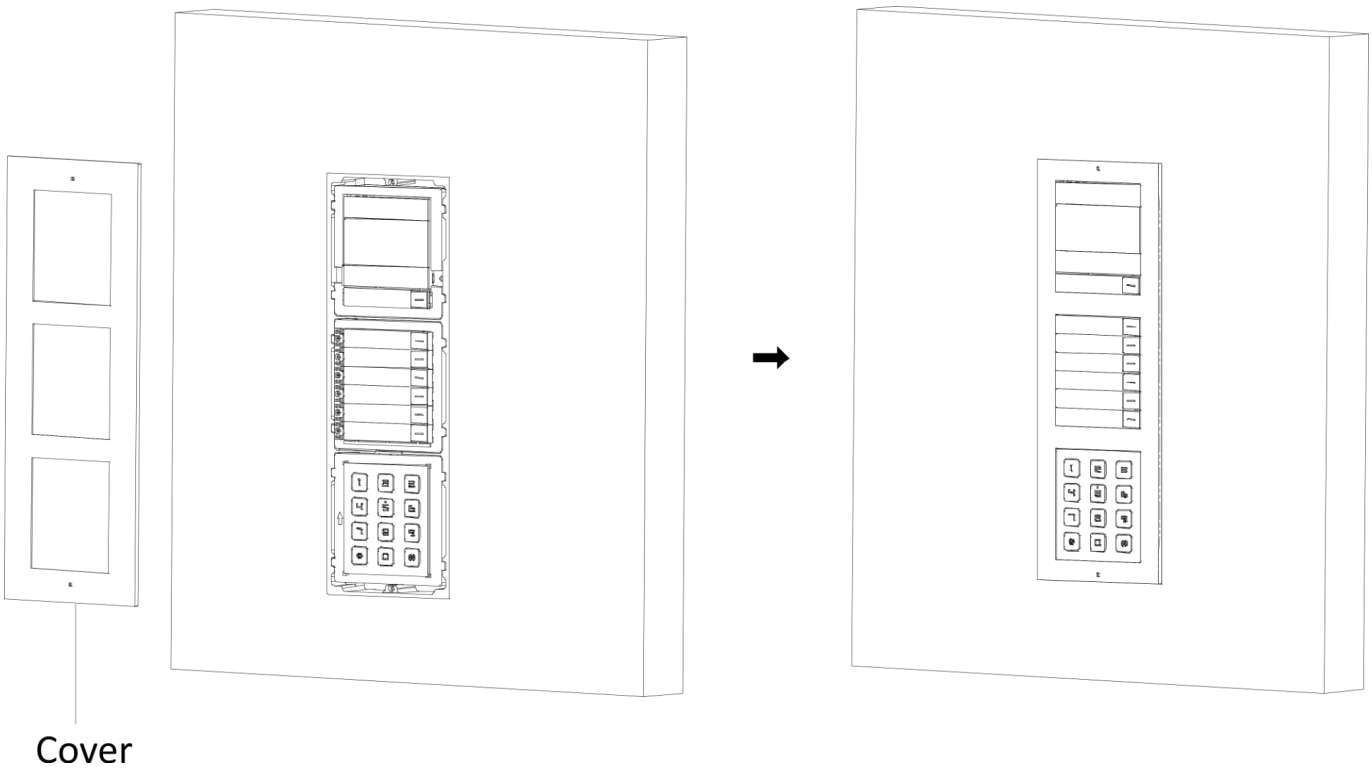

Figure 3-36 Fix the Cover

Chapter 4 Topology

The 2-Wire HD devices can be used in different situations.

- Multi-Family Topology

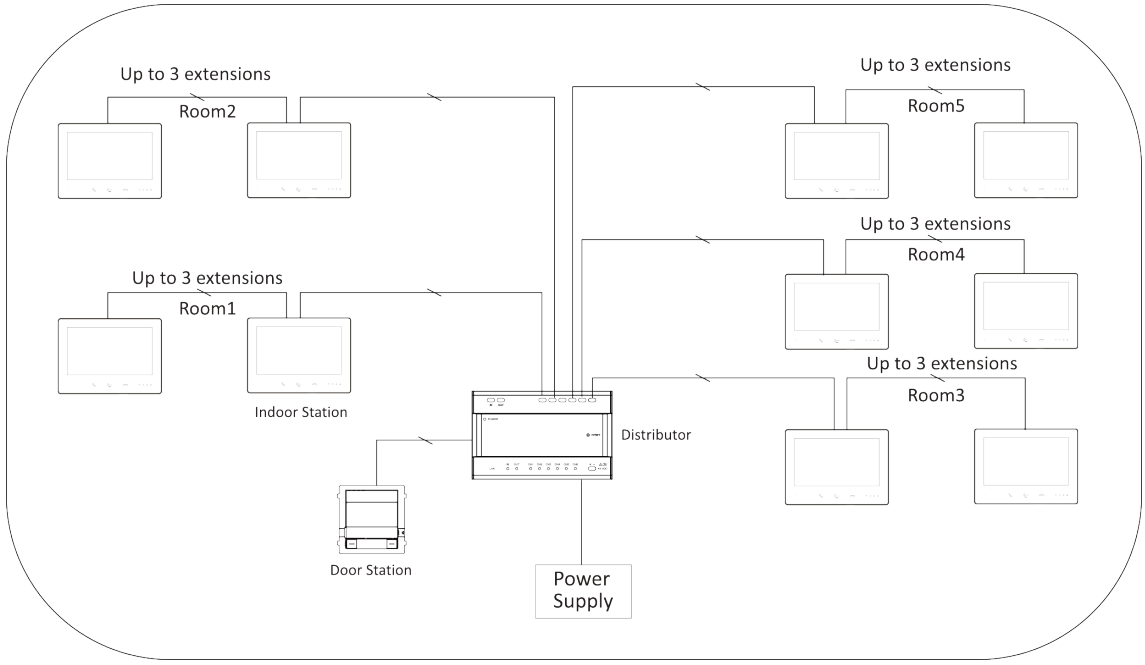

Figure 4-1 Multi-Family Topology

Note

Each channel of the distributor can be connected to 1 door station / 1 main and 3 sub indoor stations / 8 main indoor stations.

- Single Floor Topology

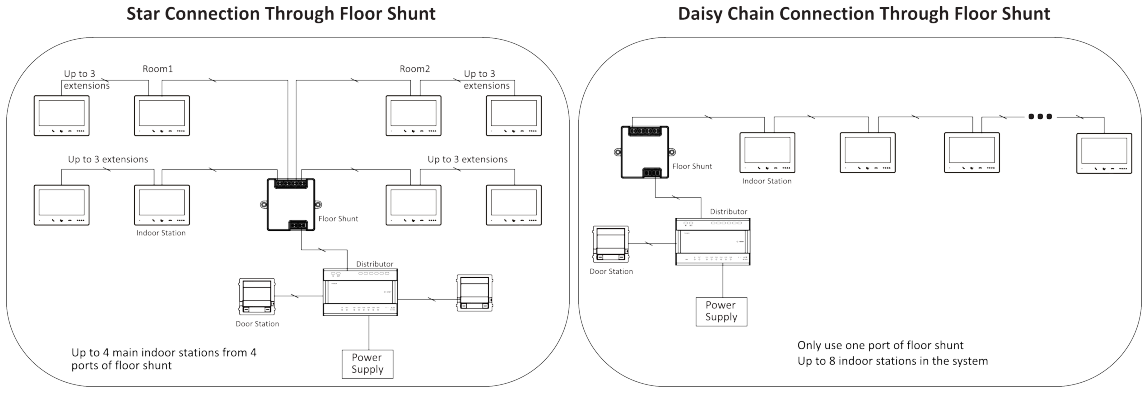

Figure 4-2 Single Floor Topology

- Single Building Topology

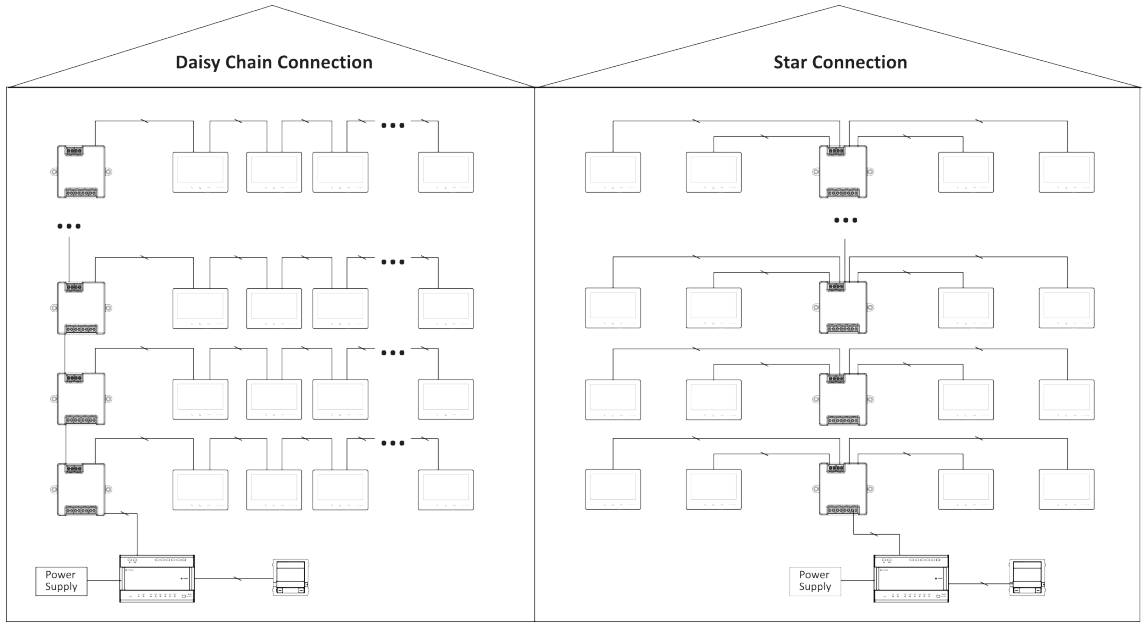

Figure 4-3 Single Building Topology

Note

- Up to 22 indoor stations with Wi-Fi or 64 without Wi-Fi can be used in one building. (The cable needs to be better than AWG20)
- Up to 16 floor shunts can be cascaded.

- Single Building (Combined)

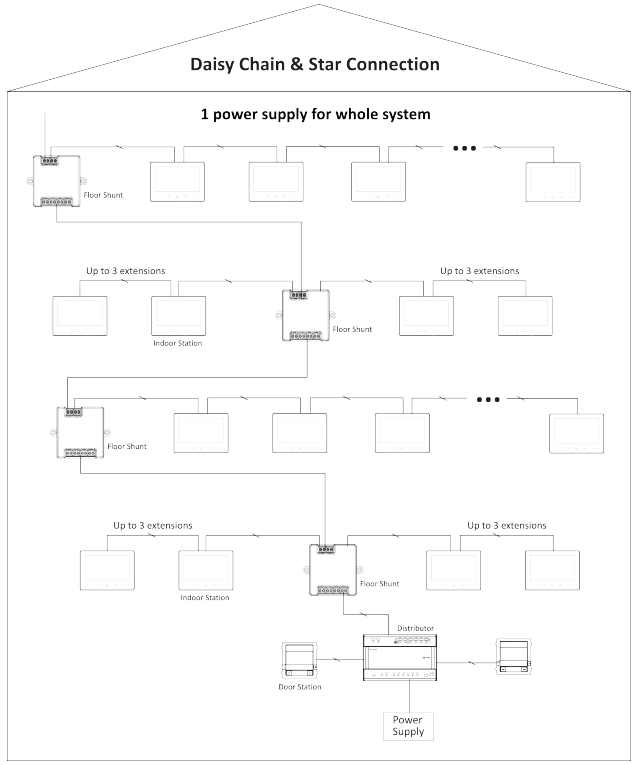

Figure 4-4 Single Building (Combined)

Note

Due to system power consumption limitations, device needs to be powered separately after 64 or 22 indoor stations are exceeded.

- System Extension in one building

Figure 4-5 System Extension in one building

Note

Up to 99 indoor stations without Wi-Fi, 44 with Wi-Fi.

- Multiple Building Topology

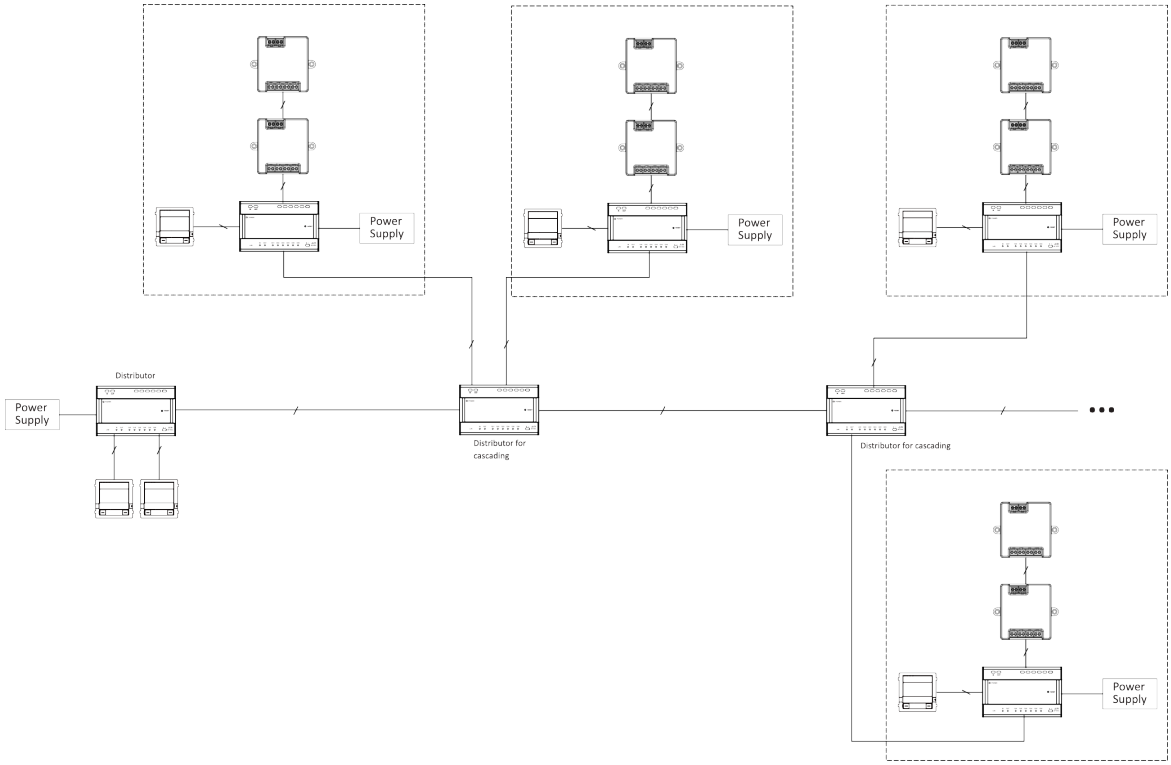

Figure 4-6 Multiple Building Topology

Note

- Up to 16 buildings can be connected in the system via the distributor for cascading.
- Up to 10 outer door stations can be connected.
- Up to 16 sub door stations can be connected.

Chapter 5 Cable and Transmission Distance

Cable and transmission distance between devices should follow rules below.

Table 5-1 Cable and Transmission Distance

Cable Type	DS-KAD7061 to DS-KAD7061	DS-KAD7061 to Main Indoor Station	Indoor Station to Indoor Station	DS-KAD7061 to DS-KAD7060	DS-KAD7060 to Power Module/ KAD-7060-S	DS-KAD7060 to Door Station	Door Station to Lock (Power Supply)
UTP 5 0.2 mm_2 (Cat. 5) AWG24	60 m	60 m	60 m	60 m	100 m	60 m	NA
0.28 mm_2 (TP) AWG23	60 m	40 m	40 m	40 m	80 m	40 m	30 m
0.5 mm_2 (Parallel) AWG20	60 m	60 m	60 m	60 m	100 m	60 m	50 m
1 mm_2 (Parallel) AWG17	60 m	60 m	60 m	60 m	100 m	60 m	50 m
1 mm_2 (TP) AWG17	60 m	40 m	40 m	40 m	80 m	40 m	100 m
1 mm_2 (Parallel) AWG15	60 m	40 m	60 m	60 m	100 m	60 m	100 m

Note

Distance from power supply to the furthest indoor station is 200 m.

Chapter 6 Typical Application and Flow

1. **Device Deployment:**
   Basic Deployment

Figure 6-1 Basic Deployment

   Advanced Deployment

Figure 6-2 Advanced Deployment

2. Device Management

Figure 6-3 Device Management

3. Configuration and Management via Mobile Web

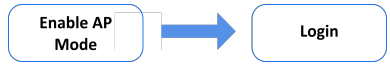

Figure 6-4 Configuration and Management via Mobile Web

4. Call

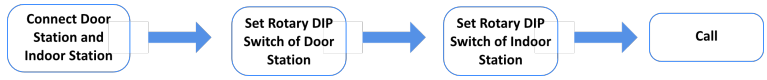

Figure 6-5 Advanced Deployment

5. Add or Delete Person via Door Station

Figure 6-6 Add or Delete Person via Door Station

6. Add or Delete Person via Door Station

Figure 6-7 Add or Delete Person via Door Station

Chapter 7 Set Device Rotary DIP Switch

After door stations have been connected to indoor stations, you can set rotary DIP switch of these devices.

DIP Switch of Door Station

Use the rotary switch to set the building No., door station No., sub door station, outer door station No. and door open duration. The Tens column refers to the number in Tens, and the Units column refers to the number in Units. On each rotary DIP switch, 0 to 9 refers to No. 0 to 9. In total, you can use 1 to 99 to number the building. If the door station is main door station, the **Door Station No.** should be set as 0; If it is sub door station, set **Door Station No.** as 1~16; If it is outer door station, set **Door Station No.** as 90~99. Use the screwdriver to adjust the number. The arrow indicates the number.

Building No. (1~99)

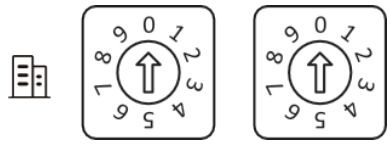

Figure 7-1 Building No.

Door Station No.
Main Door Station: 0
Sub Door Station: 1~16
Outer Door Station : 90~99

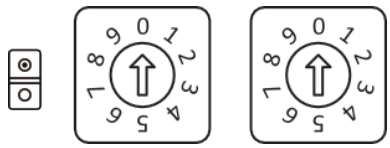

Figure 7-2 DIP Switch of Door Station No.

Door Open Duration

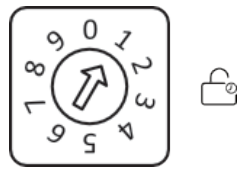

Figure 7-3 DIP Switch of Door Open Duration

Table 7-1 Door Open Duration

Rotary DIP Switch	Door Open Duration(s)
0	2
1	1
2	3
3	4
4	5
5	8
6	10
7/8/9	Reserved

Note

- It is recommended to stick the supplied number remark on the back of the device to indicate the device's No.

DIP Switch of Indoor Station

Use the rotary DIP switch to set the indoor extension No., the building No., and the room No. The Tens column refers to the number in Tens, and the Units column refers to the number in Units. On each rotary DIP switch, 0 to 9 refers to No. 0 to 9. In total, you can use 1 to 3 to number the indoor extension No., and use 1 to 99 to number the building or the room. Use the screwdriver to adjust the number. The arrow indicates the number. An example is shown below.

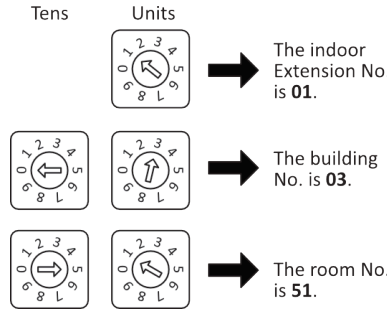

Figure 7-4 Example: DIP Switch of Indoor Station

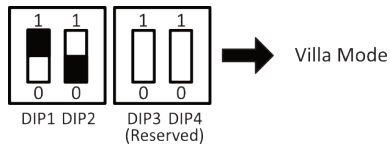

Figure 7-5 Villa Mode

Villa Mode: The device can be powered by separate power supply. Under the villa mode, more than one device can be lightened up; when the extension is called, it can be lightened up and intercom via videos.

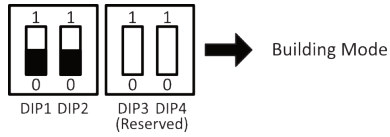

Figure 7-6 Building Mode

Building Mode: In one power supply system, up to 4 indoor stations can be wired and up to 1 indoor station can be normally used at the same time. When other devices are lightened up, the IN USE indicator will also be lightened up. Separate power supply is not supported. When the extension is called, the screen cannot be lightened up.

Note

- DIP 1 and DIP 2 are for mode settings, and DIP 3 and DIP 4 are reserved.
- If DIP 2 is set as 1, the function of Professional Studio will be enabled.
- The device is on debugging mode when the extension No. is 9. You can operate the indoor station on debugging mode without connecting to the door station.

Chapter 8 Call Indoor Station from Door Station

After powering on the device, the door station and door station can conduct the following operation.

Before You Start

The indoor station and door station should connect first and finish the settings of DIP switch.

Steps

1. The door station call indoor station directly.
2. The indoor station views the live video of the door station.

Chapter 9 Unlock Door

Unlock Door by Public Password

You can unlock the door by public password.

1. Set public password:
   - ***Set Public Password on Mobile Web***
   - ***Set Public Password on PC Web***
2. Enter【#】+ Public Password +【#】to open the door.

Unlock Door by Card

1. Add Card: ***Person Management***
2. Swipe the card on the card induction area to unlock the door.

Chapter 10 Enable AP Mode

You can enable AP mode on device or on PC Web.

1. ***Enable AP Mode on Device***
2. ***Enable AP Mode on PC Web***

10.1 Enable AP Mode on Device

You can enable the AP mode on device. After enabling the AP mode, you can log into the Web Client of the door station for configuration with your mobile devices via the hotspot.

Steps

1. Long press the button on the lest side of the device to enable the AP mode.

Note

The AP mode will last for 30 minutes by default. 30 minutes after the AP mode is enabled, it will disable automatically.

10.2 Enable AP Mode on PC Web

You can enable the AP mode via enabling the **Device Hotspot** function on PC Web. After enabling the AP mode, you can log into the Web Client of the door station for configuration with your mobile devices via the hotspot.

Log into the Web Client, click **Configuration → Network → Network Settings → Device Hotspot** . Click **Save** to save the settings.

10.3 FAQ of AP Mode

The FAQ of AP Mode is listed as follows.

1. Q: How to enable AP mode of door station?
   A: Long press the left button for 10 s and you will hear sound **beep**and the back light will flashing for 2 minutes to indicate.

Figure 10-1 Long press the left button

Note

if your device doesn't have left button, please remove the cover then you can see the button.

Figure 10-2 Remove the cover

2. Q: What is the default password of device hotspot?
   A: The hotspot SSID name is **AP_device SN**, for example, **AP_K12345678**. Before activation, the Wi-Fi password is on the label of door station. After activation and after login in mobile phone browser, you can modify the device activation and Wi-Fi password.
3. Q: I enabled the AP mode some time ago, but now I can't search the hotspot with my mobile phone or laptop.
   A: The AP mode will be disabled automatically after 30 minutes, if you cannot search the Wi-Fi, please enable it manually again by long pressing left button for 10 s.
4. Q: How to disable the AP mode?
   A: Just long press the left button for 15 s. Or if no device connects the AP, it will be disabled in 30 minutes automatically.

Chapter 11 Login Web Browser

You can log into the Web browser for device configuration.

Before You Start

You need to make sure the device is on AP mode. For more details, please refer to ***Enable AP Mode***

Steps

1. Connect your mobile devices or PCs to the device hotspot.
2. Enter the device user name and the activation password. Click **Login**.

   Note

   The device will be activated automatically after powered on. You can check the activation password via the label on the surface of the device.
3. For the first-time login, you need to change the activation password: Click **admin → Modify Password** on the upper right of the Web browser page. Enter the old and new password and confirm the new password. Click **Save**.

   Note

   The hotspot password will be changed simultaneously after the activation password is changed.

Chapter 12 Forgot Password

If you forget the password when logging in, you can change the password via PC Web or mobile Web.

1 ***Forget Password via PC Web*** .

2. ***Forget Password via Mobile Web***

12.1 Forget Password via Mobile Web

If you forget the password when logging in, you can change the password by email address or security questions.

On the login page, tap **Forget Password**.

Select **Verification Mode**.

Security Question Verification

Answer the security questions.

E-mail Verification

1. Export the QR code and send it to ***pw_recovery@hikvision.com*** as attachment.
2. You will receive a verification code within 5 minutes in your reserved email.
3. Enter the verification code into the verification code field to verify your identification.

Click **Next**, create a new password and confirm it.

12.2 Forget Password via PC Web

If you forget the password when logging in, you can change the password by email address or security questions.

On the login page, click **Forget Password**.

Select **Verification Mode**.

Security Question Verification

Answer the security questions.

E-mail Verification

1. Export the QR code and send it to ***pw_recovery@hikvision.com*** as attachment.
2. You will receive a verification code within 5 minutes in your reserved email.
3. Enter the verification code into the verification code field to verify your identification.

Click **Next**, create a new password and confirm it.

Chapter 13 Overview

You can take an overview of the PC Web and mobile Web page.

1. ***Overview on PC Web***
2. ***Overview on Mobile Web***

13.1 Overview on Mobile Web

You can view the door status, network status and basic information, and set person management, smart settings, authentication settings, and door parameters via shortcut entry.

Function Descriptions:

Door Status

/ / /

To set the door status as unlock/remaining open or to restore the settings.

Device Component Status

You can view the device component status.

Building Information

You can view the Building No., Door Station No. and Duration of Remaining Open.

Shortcut Entry

You can quickly access to the following settings page via **Shortcut Entry**.

- ***Device Management***
- ***Person Management***
- ***Forgot Password***
- ***Set Door Parameters on Mobile Web***

Basic Information

You can view the model, serial No. and firmware version.

13.2 Overview on PC Web

You can view the live video of the device, real-time event, person information, network status, basic information, and device capacity.

Function Descriptions:

Door Status

You can capture image when starting live view.

Select the streaming type when starting live view. You can select from the main stream and the sub stream.

Full screen view.

/ / /

To set the door status as unlock/remaining open or to restore the settings.

Controlled Status

You can select **Unlock**/ **Restore**/ **Remain Open** according to your actual needs.

Device Component Status

You can view the device component status.

Building Information

You can view the Building No., Door Station No. and Duration of Remaining Open.

Linked Device

You can view information of linked sub door station, indoor station and indoor extension.

Person Information

You can view the added and not added information of person.

Basic Information

You can view the model, serial No. and firmware version information.

Device Capacity

You can view the person and card capacity.

Chapter 14 Person Management

You can manage person information on PC Web and mobile Web.

- ***Person Management on PC Web***
- ***Person Management on Mobile Web***

14.1 Person Management on Mobile Web

You can add, edit, delete, and search users via mobile Web browser.

Steps

1. Tap → **Person Management** to enter the settings page.
2. Add user.
   1) Tap**+**.
   2) Set the following parameters.

Employee ID

Enter the employee ID. The Employee ID cannot be 0 or exceed 32 characters. It can be a combination of uppercase, lowercase letters and numbers.

Name

Enter your name. The name supports numbers, uppercase and lowercase English, and characters. The name is recommended to be within 32 characters.

Room No.

Enter the Room No.

Note

The room No. refers to the mapping room No. which you can custom the No. on your own.

Long-Term Effective User

Set the user permission as long-term effective.

Start Date/End Date

Set **Start Date** and **End Date** of user permission.

Administrator

If the user needs to be set as administrator, you can enable **Administrator**.

User Role

Select your user role.

Card

Add card. Tap **Add Card**. Enter the **Card No.**, or present the card on the device and tap **Read**, and select the **Property**. Tap **Save** to add the card.

3) Tap **Save**.

3. Tap the user that needs to be edited in the user list to edit the information.
4. Tap the user that needs to be deleted in the user list, and tap to delete the user.
5. You can search the user by entering the employee ID or name in the search bar.

14.2 Person Management on PC Web

Click **Add** to add the person's information, including the basic information, certificate, authentication and settings.

Add Basic Information

Click **Person Management → Add** to enter the Add Person page.
Add the person's basic information, including the employee ID, the person's name, person type, etc.
Click **Save** to save the settings.

Set Permission Time

Click **Person Management → Add** to enter the Add Person page.
Enable **Long-Term Effective User**, or set **Start Time** and **End Time** and the person can only has the permission within the configured time period according to your actual needs.
Click **Save** to save the settings.

Add Administrator

Click **Person Management → Add** to enter the Add Person page.
Tap to enable **Administrator**, and the person you add will be administrator.
Click **Save** to save the settings.

Add Card

Click **Person Management → Add** to enter the Add Person page.
Click **Add Card**, enter the **Card No.** and select the **Property**, and click **OK** to add the card.
Click **Save** to save the settings.

Set Room No.

Click **Person Management → Add** to enter the Add Person page.
Click **Add**, enter the **Room No.** to add the room.

Note

The room No. refers to the mapping room No. which you can custom the No. on your own.

Click **Save** to save the settings.

Set Door Permission

Click **Person Management → Add** to enter the Add Person page.

Select Door 1 or Door 2, to configure the door permission of the person.
Click **Save** to save the settings.

View/edit Person

Click **Person Management → Add** to enter the Add Person page.
You can filter a person by entering the employee ID, name or card No.
You can view added people under the mode of card or list. You can click the card of the person or the editing icon to edit the information of the person.
Click **Save** to save the settings.

Chapter 15 Device Management

You can manage the linked device on PC Web and mobile Web.

- ***View Room No. Details on Mobile Web***
- ***Device Management on PC Web***

15.1 View Room No. Details on Mobile Web

You can view the room No. details of linked indoor station.

Steps

1. Tap **Device Management** on the main page of mobile Web.
2. Tap the room to view the room details.

15.2 Device Management on PC Web

Synchronization from Door Station/Outer Door Station

Long press to button on the right side of the device to synchronize information.

Add Device

Click **Device Management** to enter the settings page. Select device type and configure room information to add device.

Upgrade / Delete Device

You can upgrade, edit and delete device.

Note

All indoor stations should be online before upgrading.

Chapter 16 View Device Information

You can view device information on PC Web and mobile Web.

- ***View Device Information on Mobile Web***
- ***View Device Information on PC Web***

16.1 View Device Information on Mobile Web

View the device name, No., language, model, serial No., QR code, version, Number of channels, IO Input, IO Output, Local RS-485, Alarm Input/Output, MAC Address and Device Capacity, etc.

Tap **Configuration → System → System Settings → Basic Information** to enter the configuration page.

You can view the device name, No., language, model, serial No., QR code, version, Number of channels, IO Input, IO Output, Local RS-485, Alarm Input/Output, MAC Address and Device Capacity, etc.

16.2 View Device Information on PC Web

View the device name, device No., language, model, serial No., version, number of channels, IO input, IO output, lock, alarm input, alarm output, and device capacity, etc.

Click **Configuration → System → System Settings → Basic Information** to enter the configuration page.

You can view the device name, device No., language, model, serial No., version, number of channels, IO input, IO output, lock, alarm input, alarm output, and device capacity, etc.

Chapter 17 Time Settings

You can set time/DST on PC Web and mobile Web.

- ***Set Time on Mobile Web***
- ***Set DST on Mobile Web***
- ***Set Time on PC Web***
- ***Set DST on PC Web***

17.1 Set Time on Mobile Web

Set the time zone, time sync. mode, and displayed time.

Tap → **System Settings** → **Time Settings** to enter the settings page.

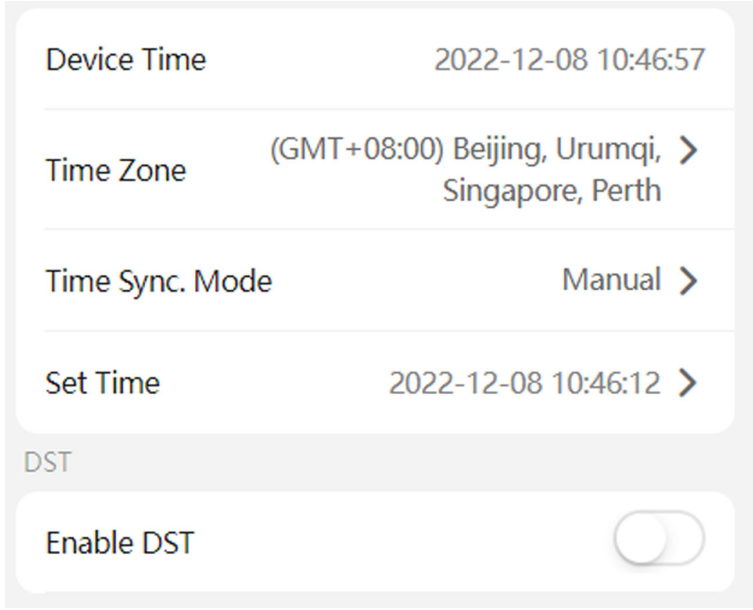

Figure 17-1 Time Settings

Tap **Save** to save the settings.

Time Zone

Select the time zone where the device is located from the drop-down list.

Time Sync. Mode

Manual

By default, the device time should be synchronized manually. You can set the device time manually.

17.2 Set DST on Mobile Web

Steps

1. Tap ≡ → **System Settings** → **Time Settings** , to enter the settings page.

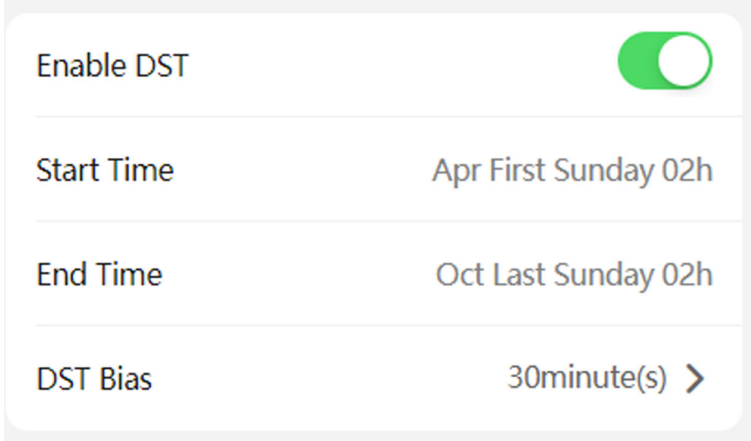

Figure 17-2 DST

2. Tap **Enable DST**.
3. Set the start time, end time, and DST bias.
4. Tap **Save**.

17.3 Set Time on PC Web

Set the device's time zone, synchronization mode, server address, NTP port, and interval.

Click **Configuration** → **System** → **System Settings** → **Time Settings** .

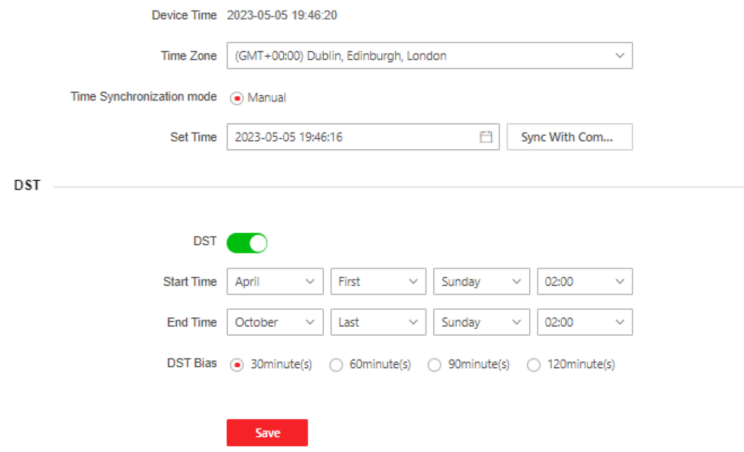

Figure 17-3 Time Settings

Click **Save** to save the settings after the configuration.

Time Zone

Select the device located time zone from the drop-down list.

Time Sync.

Manual

By default, the device time should be synchronized manually. You can set the device time manually or check **Sync. with Computer Time** to synchronize the device time with the computer's time.

17.4 Set DST on PC Web

Steps

1. Click **Configuration → System → System Settings → Time Settings** .
2. Enable **DST**.
3. Set the DST start time, end time and bias time.
4. Click **Save** to save the settings.

Chapter 18 Audio Settings

You can set audio parameters on PC Web and mobile Web.

- ***Set Audio Parameters on Mobile Web***
- ***Set Audio Parameters on PC Web***

18.1 Set Audio Parameters on Mobile Web

You can set the input volume and output volume.

Tap → **Audio** to enter the settings page.

Set the input volume and output volume.

18.2 Set Audio Parameters on PC Web

Steps

1. Click **Configuration → Video/Audio → Audio** .
2. Select the audio encoding type.
3. Set the input and output volume.

Chapter 19 Image Settings

- ***Set Image Parameters on Mobile Web***
- ***Set Image Parameters on PC Web***
- ***Set OSD (On-Screen Display) on PC Web***
- ***Crop Target on PC Web***

19.1 Set Image Parameters on Mobile Web

You can enable WDR.

Tap → **Image** to enter the settings page.

Tap to enable the function of **WDR**.

Note

WDR is used when there is a high contrast of the bright area and the dark area of the scene.

19.2 Set Image Parameters on PC Web

You can adjust the image parameters, video parameters, backlight parameters and Day/Night Switch.

Steps

1. Click **Configuration → Image → Display Settings** .
2. Configure the parameters to adjust the image.

Image Adjustment

Drag the block or enter the value to adjust the live video's brightness, contrast, saturation, and sharpness.

Backlight

You can click to **Enable BLC** or enable **WDR**.

Note

- BLC compensates light to the object.
- WDR is used when there is a high contrast of the bright area and the dark area of the scene.
- These two functions cannot be enabled at the same time.

Day/Night Switch

Select the day/night switch mode to **Daytime**, **Night**, **Auto** or **Scheduled-Switch**.

Auto

The camera switches between the day mode and the night mode according to the illumination automatically.

The sensitivity ranges from 0 to 7, and the higher sensitivity results in the more easily to trigger the mode switch.

The switch time refers to the interval time between the day/night switch. You can set it from 5 sec to 120 sec.

Scheduled-Switch

The camera switches the day mode and the night mode according to the start time and end time you set.

Video Standard

Set the video frame rate when performing live view remotely. After changing the standard, you should reboot the device to take effect.

PAL

25 frames per second. Suitable for mainland China, Hong Kong (China), the Middle East countries, Europe countries, etc.

NTSC

30 frames per second. Suitable for the USA, Canada, Japan, Taiwan (China), Korea, the Philippines, etc.

3. Click **Default** to restore the parameters to the default settings.

19.3 Set OSD (On-Screen Display) on PC Web

You can customize the camera name, time/date format, display mode, and OSD size displayed on the live view.

Steps

1. Click **Configuration → Image → OSD Configuration** to enter the settings page.
2. Check the corresponding checkbox to select the display of camera name, date or week if required.
   - Select **Display Name**: Edit the **Camera Name**.
   - Select **Display Date**: Select from the drop-down list to set the **Time Format** and **Date Format**.
3. Drag to adjust the OSD position and alignment.
4. Click **Save** to enable the settings.

19.4 Crop Target on PC Web

You can select a target and crop images on the live view.

Steps

1. Click **Configuration → Image → Target Cropping** .
2. Check **Enable** to enable the function.
3. Select **Cropping Resolution**.
4. Click **Save**.

Note

- You can select **Cropping Resolution** as **704*576**, **1280*720**, or **1920*1080**.
- You can zoom in or zoom out the image by selecting **Cropping Resolution** after clicking **Save**.

Chapter 20 Motion Detection Settings

You can set motion detection parameters on PC Web and Mobile Web.

- ***Set Motion Detection on PC Web***
- ***Set Motion Detection on Mobile Web***

20.1 Set Motion Detection on Mobile Web

After enable the function of motion detection, people or stuff enter the configured area will trigger alarm.

Steps

1. Tap → **Image** to enter the image setting page.
2. Tap to enable **Motion**.
3. Tap **Save** to save the setting.

Result

After enable the function of motion, people or stuff enter the configured area will trigger alarm.

20.2 Set Motion Detection on PC Web

After enable the function of motion detection, people or stuff enter the configured area will trigger alarm.

Steps

1. Click **Configuration → Event → Event Detection → Motion** .
2. Enable **Motion**.
3. Drag the process bar to adjust the **Sensitivity** parameter.
4. Click **Save**.

Note

The arming schedule is defaulted as all-day.

Chapter 21 Access Control Settings

You can set access control parameters.

- ***Set Door Parameters on PC Web***
- ***Set Door Parameters on Mobile Web***
- ***Set Public Password on PC Web***
- ***Set Public Password on Mobile Web***
- ***Set I/O Parameters on PC Web***
- ***Set I/O Parameters on Mobile Web***

21.1 Set Door Parameters on Mobile Web

You can set door name and check open duration.

Tap **Configuration → Access Control → Door Parameters** .

Tap **Save** to save the settings after the configuration.

Name

You can create a name for the door.

Open Duration

You can check the unlocking duration of the door.

Note

The Open Duration is 3 by default.

21.2 Set Public Password on Mobile Web

After setting the public password, you can open the door via the public password.

Steps

1. Tap **Configuration → Access Control → Password Settings** .
2. Tap **+** to add public password.
   1) Enter the password and confirm the password.
   2) **Optional:** Add remarks for the password.
   3) Select Electric Lock.
3. Tap **Save** to save the settings.

21.3 Set I/O Parameters on Mobile Web

You can set I/O Parameters on mobile Web.

Steps

1. Tap **Configuration → Access Control → I/O Settings** .
2. Select Input 2 as Disable or Unlock.

Note

The Input 1 is Unlock by default.

3. Select Output 2 as Disable or Electric Lock.

Note

The Output 1 is Electric Lock by default.

21.4 Set Door Parameters on PC Web

You can set door name and check open duration.

Click **Configuration → Access Control → Door Parameters** .

Select a door and set the **Door Name**.

Click **Save** to save the settings after the configuration.

21.5 Set Public Password on PC Web

After setting the public password, you can open the door via the public password.

Steps

1. Click **Configuration → Access Control → Password Settings** .
2. Click **Add** to add public password.
   1) Select **Password Type**.
   2) Enter the password and confirm the password.
   3) **Optional:** Add remarks for the password.
   4) Select Electric Lock.
3. Click **Save** to save the settings.

21.6 Set I/O Parameters on PC Web

You can set I/O Parameters on PC Web.

Steps

1. Click **Configuration → Access Control → Door Parameters** .
2. Select Input 2 as Disable or Unlock.

Note

The Input 1 is Unlock by default.

3. Select Output 2 as Disable or Electric Lock.

Note

The Output 1 is Electric Lock by default.

Chapter 22 Video Intercom Settings

You can set video intercom parameters.

- ***Set Call Parameters on PC Web***
- ***Set Call Parameters on Mobile Web***
- ***Set Ringtone on PC Web***
- ***Press Button to Call on PC Web***
- ***Press Button to Call on Mobile Web***
- ***Set Sub Module on PC Web***
- ***Set Sub Module on Mobile Web***

22.1 Set Call Parameters on Mobile Web

Set the Max. call duration.

Tap → **Intercom** → **Call Setting** .

Set **Max. Communication Time** and **Max. Ring Duration** . Press **Save**.

Note

- The Max. communication time range is 15 s to 90 s.
- The Max. ring duration range is 65 s to 255 s.

22.2 Press Button to Call on Mobile Web

Steps

1. Tap → **Intercom** → **Press Button to Call** .
2. Tap **1** or **2** to select a button to configure.
3. Enable the function of **Press Button to Call**.
4. Tap **Save**.

22.3 Set Sub Module on Mobile Web

You can configure the sub modules on mobile Web.

Steps

1. Tap → **Intercom** → **Sub Module Configuration** .
2. Tap **Display Module**.
3. Drag the block to adjust the brightness.
4. Tap to enable **Buzzer**.

22.4 Set Ringtone on PC Web

Steps

1. Click **Configuration → Intercom → Ringbacktone Settings** to enter the settings page.
2. Click to import new ringtone.

Note

The supported audio file type for importing is .wav. The file should be less than 800 KB.

22.5 Set Call Parameters on PC Web

Set the Max. call duration.

Go to **Configuration → Intercom → Call Settings** .

Drag the block to set the **Max. Communication Time** and **Max. Ring Duration** . Click **Save**.

Note

- The Max. communication time range is 15 s to 90 s.
- The Max. ring duration range is 65 s to 225 s.

22.6 Press Button to Call on PC Web

You can set room No. of call button, view button image and set backlight.

Steps

1. Click **Configuration → Intercom → Press Button to Call** to enter the settings page.
2. Set room No. of each button and click to enable **Press Button to Call**, you can then press the correspondent button to call the specific indoor station.

   Note

   The room No. refers to the mapping room No. which you can custom the No. on your own.
3. **Optional:** Click **Backlight Settings** to set backlight mode as Open, Disable, Auto or Custom. Click **Save** to save the settings.

   Note

   If you set the backlight mode as custom, you should then set the **Start Time** and **End Time**.
4. Click **View Button Image** and you can view the position of the button on the devices
5. Click **Save**.

22.7 Set Sub Module on PC Web

You can configure the sub modules on PC Web.

Steps

1. Click **Configuration → Intercom → Sub Module Configuration** to enter the settings page.
2. Click **Operation** to set sub module parameters.
   1) Drag the block or enter the value of brightness.
   2) Click to enable **Buzzer**.
   3) Select the default home page of the sub module.
   4) Add a call button. Click **Add**. Enter the **name** and **call** and click **OK** to save the settings.

Chapter 23 Upgrade and Maintenance

- ***Upgrade and Maintenance on PC Web***
- ***Upgrade and Maintenance on Mobile Web***

23.1 Upgrade and Maintenance on Mobile Web

Restart device and restore device parameters.

Restart Device

Tap → **Restart** .
Tap **Restart** to restart the device.

Restore Parameters

Tap → **Default** .

Restore to Default Settings

The device will restore to the default settings, except for the device IP address and the user information.

Restore to Factory Settings

All parameters will be restored to the factory settings. You should activate the device before usage.

Log Export

Tap → **Log Export** .
Tap **Export** to export the maintenance log.

23.2 Upgrade and Maintenance on PC Web

Reboot device, restore device parameters, and upgrade device version.

Reboot Device

Click **Maintenance and Security → Maintenance → Restart** .
Click **Restart** to reboot the device.

Upgrade

Click **Maintenance and Security → Maintenance → Upgrade** .
Select an upgrade type from the drop-down list. Click and select the upgrade file from your local PC. Click **Upgrade** to start upgrading.

If the device has been connected to Hik-Connect and network, when there is a new installation package in Hik-Connect, you can click **Upgrade** after Online Update to upgrade the device system.

Note

Do not power off during the upgrading.

Restore Parameters

Click **Maintenance and Security → Maintenance → Backup and Reset** .

Restore All

All parameters will be restored to the factory settings. You should activate the device before usage.

Restore

The device will restore to the default settings, except for the device IP address and the user information.

Import and Export Parameters

Click **Maintenance and Security → Maintenance → Backup and Reset** .

Device Parameters

Export

Click **Export** to export the device parameters.

Note

You can import the exported device parameters to another device.

Import

Click and select the file to import. Click **Import** to start import configuration file.

Data Migration

Export

Click **Export** to migrate user information and configuration details of the device to other devices.

Note

You can migrate user information and configuration details of the device to other devices. The information and data may include door station configuration data, personal information, card information, advertisement information and etc.

Import

Click and select the file to import. Click **Import** to start import configuration file.

Note

You can import migrated user data and configuration details of other devices to this device.

Chapter 24 Change Activation/Admin Password

You can change activation/admin password on PC and Mobile Web.

- ***Change Administrator's Password on PC Web***
- ***Change Administrator's Password on Mobile Web***

24.1 Change Administrator's Password on Mobile Web

Steps

1. Tap → **User Management** → **User Management** → **admin** to enter the setting page.
2. Enter the old password and create a new password.
3. Confirm the new password.
4. Tap **Save**.

Caution

The password strength of the device can be automatically checked. We highly recommend you change the password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.
Proper configuration of all passwords and other security settings is the responsibility of the service provider and/or end-user.
After the admin password is changed, the password of AP hotspot will be changed simultaneously.

24.2 Change Administrator's Password on PC Web

Steps

1. Click **Configuration** → **System** → **User Management** .
2. Click .
3. Enter the old password and create a new password.
4. Confirm the new password.
5. Click **Save**.

Caution

The password strength of the device can be automatically checked. We highly recommend you change the password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special

characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.
Proper configuration of all passwords and other security settings is the responsibility of the service provider and/or end-user.
After the admin password is changed, the password of AP hotspot will be changed simultaneously.

Chapter 25 Account Security Settings

You can set account security on PC Web and Mobile Web.

- ***Set Account Security on PC Web***
- ***Set Account Security on Mobile Web***

25.1 Set Account Security on Mobile Web

You can change the security questions and answers, or the email address on Mobile Web. After change the settings, once you forgot the device password, you should answer the new questions or use the new email address to reset the device password.

Steps

1. Tap → **User Management** → **User Management** → **...** → **Account Security Settings** .
2. Change the security questions or email address according your actual needs.
3. Enter the device password and tap**Save**to confirm changing.

25.2 Set Account Security on PC Web

You can change the security questions and answers, or the email address on PC Web. After change the settings, once you forgot the device password, you should answer the new questions or use the new email address to reset the device password.

Steps

1. Click **Configuration** → **System** → **User Management** → **Account Security Settings** .
2. Change the security questions or email address according your actual needs.
3. Enter the device password and click **OK** to confirm changing.

Chapter 26 View Device Arming/Disarming Information on PC Web

View device arming type and arming IP address.

Go to **Configuration → User Management → Arming/Disarming Information** .

You can view the device arming/disarming information. Click **Refresh** to refresh the page.

Chapter 27 View Online Users on PC Web

The information of users logging into the device is shown.

Go to **Configuration → User Management → Online Users** to view the list of online users.

Chapter 28 Set Notice Publication on PC Web

You can set the notice publication for the device.

Click **Configuration → Preference → Notice Publication** .

Note

The device needs to connect to a touch display module first.

Theme Management

Click **Media Library Management → +** to upload the picture from the local PC.

Note

Only the format of JPG is supported. Each picture should be smaller than 1 MB. Up to5 pictures are supported.

You can click **+Add Program**, and set **Name** to create a theme. After creating the theme, click **+** in the **Theme Management** panel to select pictures in the media library. Click **OK** to add pictures to the theme.

Set Slide Show Interval

Drag the block or enter the number to set the slide show interval. The picture will be changed according to the interval.

Note

The slide show interval ranges from 1 s to 120 s.

Customized Text Display

Click to enable customized text display and enter the custom content. After the setting, the customized text will be displayed.

Chapter 29 Device Debugging on PC Web

You can set device debugging parameters.

Steps

1. Click **Maintenance and Security → Maintenance → Device Debugging** .
2. You can set the following parameters.

Enable SSH

To raise network security, disable SSH service. The configuration is only used to debug the device for the professionals.

Print Log

You can click **Export** to export log.

Capture Network Packet

You can set the **Capture Packet Duration**, **Capture Packet Size**, and click **Start** to capture.

Chapter 30 View Online Document

You can view online help document via PC Web and Mobile Web.

- ***View Online Document on PC Web***
- ***View Online Document on Mobile Web***

30.1 View Online Document on Mobile Web

Tap → **View Online Document** . Tap **View Online Document**, you can scan the QR code with your mobile phone for details.

30.2 View Online Document on PC Web

On the main page of the device PC Web, click → **Online Document** , to view the help document.

Chapter 31 View Open Source Software License

You can view Open Source Software License via PC Web and Mobile Web.

- ***View Open Source Software License on PC Web***
- ***View Open Source Software License on Mobile Web***

31.1 View Open Source Software License on Mobile Web

Tap → **Open Source Software Licenses** to view the device license.

31.2 View Open Source Software License on PC Web

On the main page of the device PC Web, click → **Open Source Software Statement** , to view the device license.

Chapter 32 Quick Operation via Web Browser

32.1 Change Password Type

If you forget the device activation password, you can change the password via security questions and E-mail. Set the security questions before configuration.

Click on the top right of the web page to enter the **Change Password** page.

Security Question Verification

Answer the security questions.

E-mail Verification

1. Export the QR code and send it to ***pw_recovery@hikvision.com*** as attachment.
2. You will receive a verification code within 5 minutes in your reserved email.
3. Enter the verification code into the verification code field to verify your identification.

Click **Next**. Or you can click **Skip** to skip the step.

32.2 Select Language

You can select a language for the device system.

Click in the top right of the web page to enter the wizard page.

Click **Next** on the change password page. You can select a language for the device system from the drop-down list.

By default, the system language is English.

Note

After you change the system language, the device will reboot automatically.

Click **Next** to complete the settings.

32.3 Time Settings

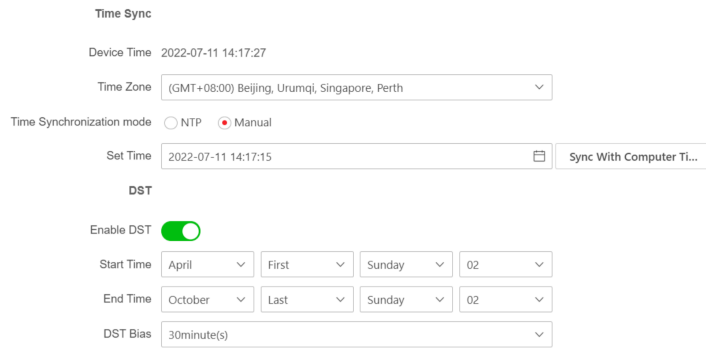

Figure 32-1 Set Time and DST

Click on the top right of the web page to enter the wizard page. After previous settings, you can click **Next** to enter the **Time Settings** page.

Time Zone

Select the device located time zone from the drop-down list.

Time Sync.

Manual

You can set the device time manually or click **Sync. with Computer Time** to synchronize the device time with the computer's time.

DST

You can set the DST start time, end time and bias time.

Click **Next** to save the settings and go to the next parameter. Or click **Skip** to skip time settings.

32.4 Administrator Settings

Steps

1. Click on the top right of the web page to enter the wizard page. After previous settings, you can click **Next** to enter the **Administrator Settings** page.
2. Enter the employee ID and name of the administrator.
3. Add card. Click **+** to enter the Card No. or click **read** to present the card on the card reading area to read the card No. automatically.

Note

Up to 5 cards can be supported.

4. Click **Next** .

32.5 Link Video Intercom Devices

You can link to indoor station and set DIP switch.

Steps

1. Click on the top right of the web page to enter the wizard page. After previous settings, you can click **Next** to enter the **Link Video Intercom Devices** page.
2. Hold the button on the right side of the device for 10 s to trigger the function of device linkage.

   Note

   The **IN USE** indicator will be normally on.
3. Make sure the DIP switch is correct.
4. Click **Complete** .

See Far, Go Further