



## DS-KD7003EY Series Module Door Station

### Quick Start Guide

UD32952B-B



### Quick Guide

#### 1 Set Physical Address

- 1.1 Door Station/Outer Door Station rotary Switch Settings
- 1.2 Indoor Station rotary Switch Settings

#### 2 Wiring

- 2.1 System wiring
- 2.2 Wiring

#### 3 Installation

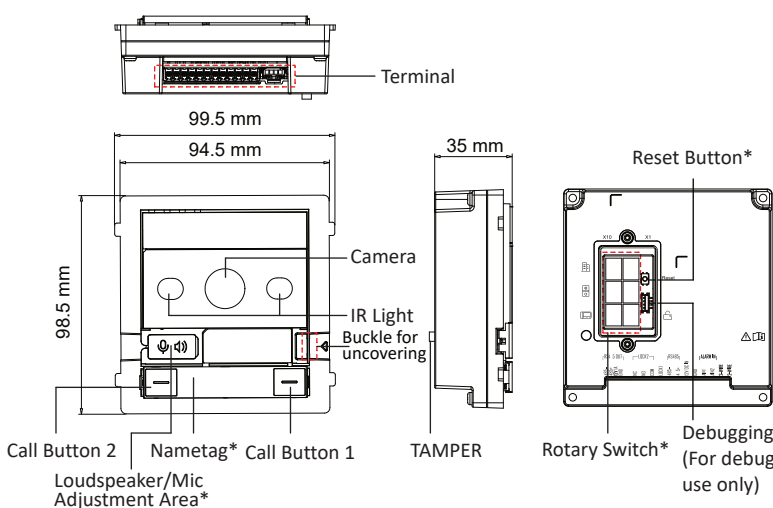
- 3.1 Before you start
- 3.2 Installation position
- 3.3 Flush mounting and surface mounting

#### 4 Power On

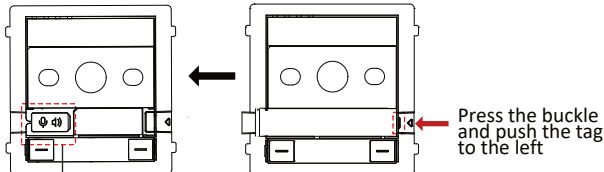
Power on and start operation.

### Appearance and Interface

1. The pictures here are for reference only.
2. The nametag can be replaced.

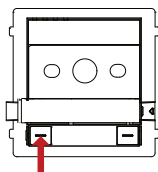


#### 1. Adjust Loudspeaker/Mic

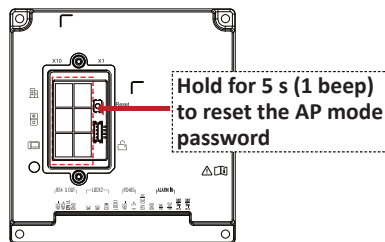


Remove the dust-proof plug before adjusting

#### 2. AP Mode

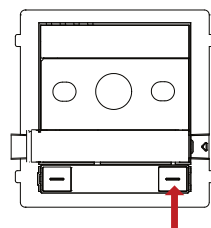


| Operation           | Sound   | Function              | Backlight |
|---------------------|---------|-----------------------|-----------|
| Long press for 10 s | 1 Beep  | Enable/Extend AP Mode | Flashing  |
| Long press for 15 s | 2 Beeps | Disable AP Mode       | /         |
| Press               | /       | Call Room No.2        | /         |



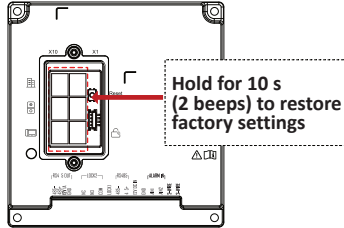
You can check the AP mode password (Access Code) via the label on the surface of the device.

#### 3. Pairing and Synchronization



| Operation           | Function                                                                        | Sound                      |
|---------------------|---------------------------------------------------------------------------------|----------------------------|
| Long press for 10 s | Pairing with indoor station (Door Station)                                      | Prompt Sound: [Pairing...] |
|                     | Synchronizing contact list and custom room No. information (Outer Door Station) | 1 Beep                     |
| Press               | Call Room No.1                                                                  | /                          |

#### 4. Reset



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### 1 Set Physical Address

#### 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 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.

#### For example:

Building No. (1~99) The No. is 21.

Door Station No. The No. is 03.

Main Station No. (Reserved)

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

| Rotary Switch | Door Open Duration(s)                                                               | Lock Type         |
|---------------|-------------------------------------------------------------------------------------|-------------------|
| 0             | 2                                                                                   | DC Pulse (Lock 1) |
| 1             | 5                                                                                   | DC Pulse (Lock 1) |
| 2             | 10                                                                                  | DC Pulse (Lock 1) |
| 3             | 2                                                                                   | Relay (Lock 2)    |
| 4             | 5                                                                                   | Relay (Lock 2)    |
| 5             | 10                                                                                  | Relay (Lock 2)    |
| 6             | 2                                                                                   | Lock 1+ Lock 2    |
| 7             | 5                                                                                   | Lock 1+ Lock 2    |
| 8             | 10                                                                                  | Lock 1+ Lock 2    |
| 9             | DC Pulse (Lock 1)+ Mechanical Doorbell (Lock 2), duration can be set on the webpage |                   |

#### Indoor Station

##### No. Settings

Use the rotary switch to set the indoor extension No., the building No., and the room No. The Hundreds refers to the number in Hundreds, the Tens refers to the number in Tens, and the Units refers to the number in Units.

On each rotary switch, 0 to 9 refers to No. 0 to 9.  
In total, you can use 1 to 3 to number the indoor extension No., 1 to 99 to number the building, and 1 to 400 to number the room.

Use the screwdriver to adjust the number. The arrow indicates the number.

##### Device Mode Settings

Use the rotary switch to set the indoor station's device mode according to actual scenarios.

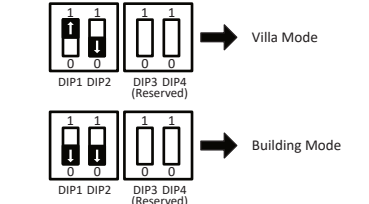
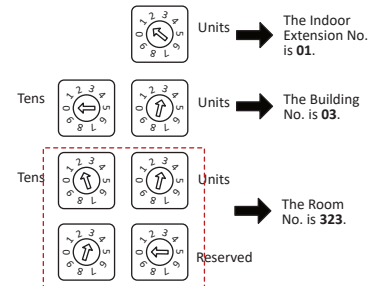
**Villa Mode:** Under the villa mode, the device needs to be powered by 12 VDC power supply. More than one device can light up the screen; when the extension is called, the screen can light up and allow video call.

**Building Mode:** In one power supply system, up to 3 indoor extensions can be wired to 1 one main indoor station. When the screen of other devices lights up, the **IN USE** indicator will also lights up. Devices cannot be powered by separate power supply. When the indoor extension is called, the screen will not light up.

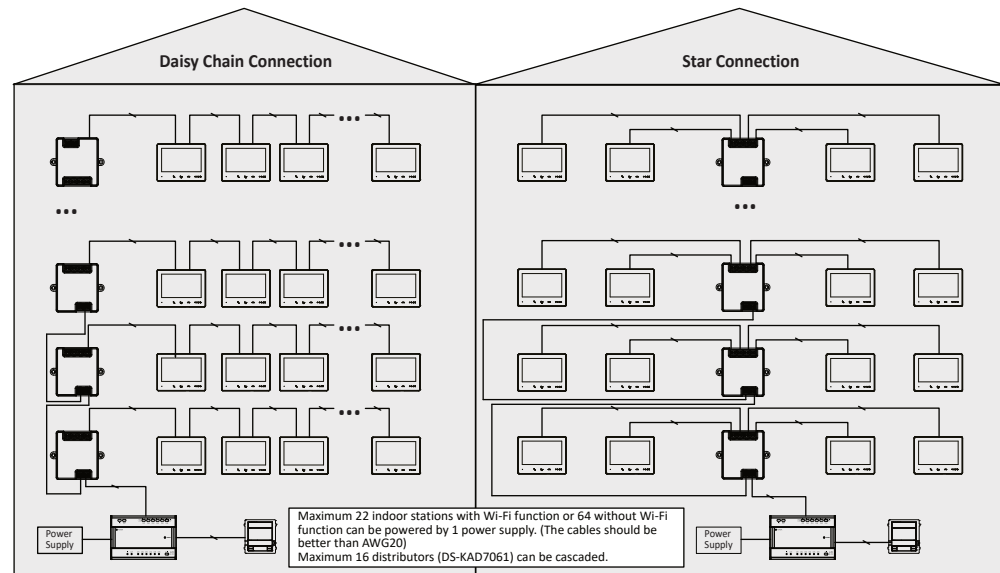


- DIP 1 and DIP 2 are for mode settings, and DIP 3 and DIP 4 are reserved.
- If DIP 2 is set as **1**, the function of **Professional Studio** can be set.
- The device is on debugging mode when the extension No. is 9. You can operate the indoor station on debugging mode without connecting to the door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

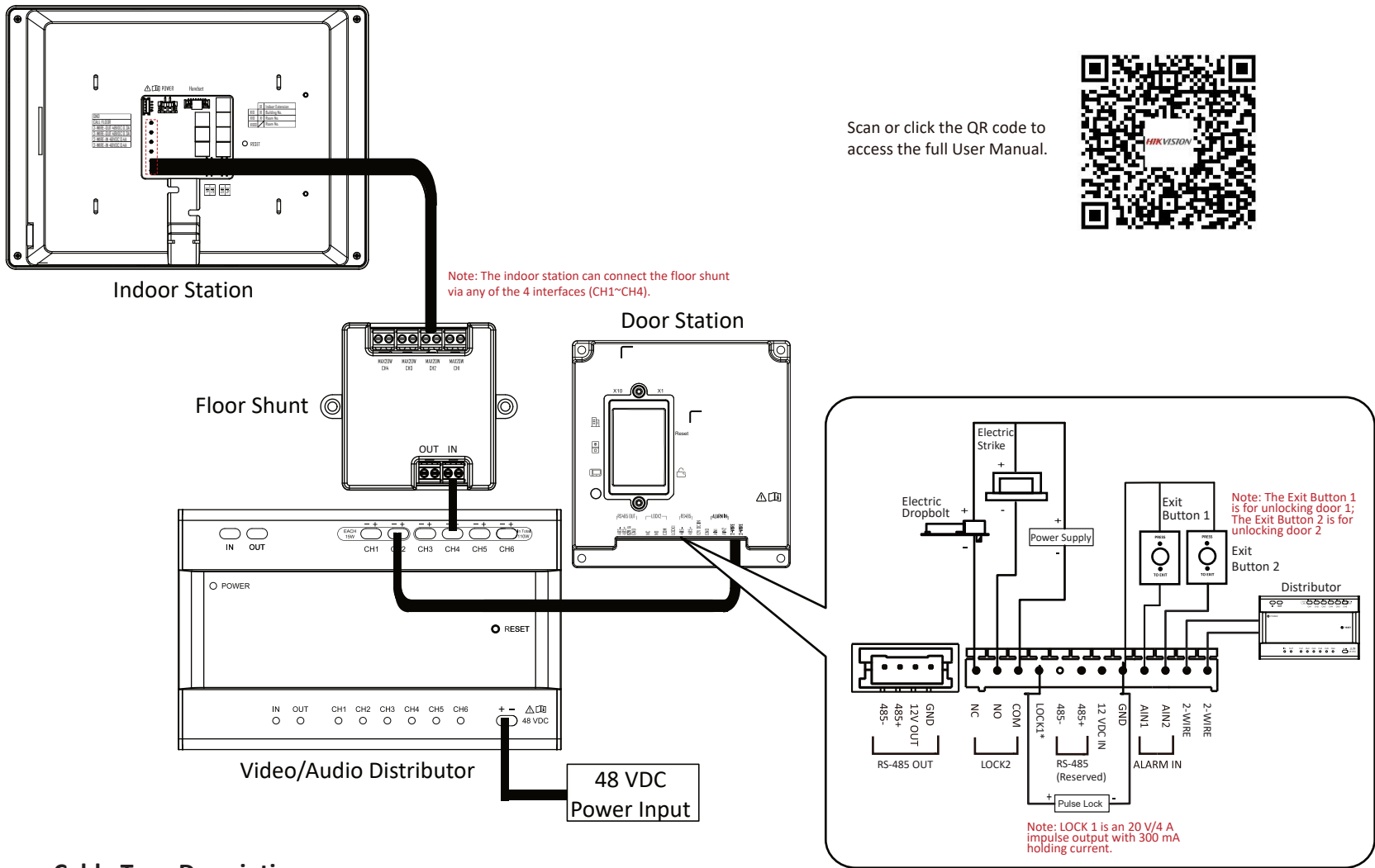
#### For example:



### 2.1 System Wiring



2.2 Wiring



Cable Type Description

| Cable Type                              | DS-KAD7060EY to Door Station | DS-KAD7060EY to DS-KAD7061EY | DS-KAD7061EY to DS-KAD7061EY | DS-KAD7061EY to Indoor Station | Indoor Station to Indoor Station | DS-KAD7060EY to DS-KAD7060EY-S | Indoor Station to Door Station |
|-----------------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------------------|
| UTP 5 0.2 mm <sup>2</sup> (Cat.5) AWG24 | 150 m                        | 60 m                         | 60 m                         | 60 m                           | 100 m                            | 60 m                           | 140 m                          |
| 0.28 mm <sup>2</sup> (TP) AWG23         | 150 m                        | 40 m                         | 40 m                         | 40 m                           | 80 m                             | 40 m                           | 160 m                          |
| 0.5 mm <sup>2</sup> (parallel) AWG20    | 150 m                        | 60 m                         | 60 m                         | 60 m                           | 100 m                            | 60 m                           | 180 m                          |
| 1 mm <sup>2</sup> (parallel) AWG17      | 150 m                        | 60 m                         | 60 m                         | 60 m                           | 100 m                            | 60 m                           | 260 m                          |
| 1 mm <sup>2</sup> (TP) AWG17            | 150 m                        | 40 m                         | 40 m                         | 40 m                           | 80 m                             | 40 m                           | 260 m                          |
| 1.5 mm <sup>2</sup> (parallel) AWG15    | 150 m                        | 40 m                         | 60 m                         | 60 m                           | 100 m                            | 60 m                           | 260 m                          |

3 Installation

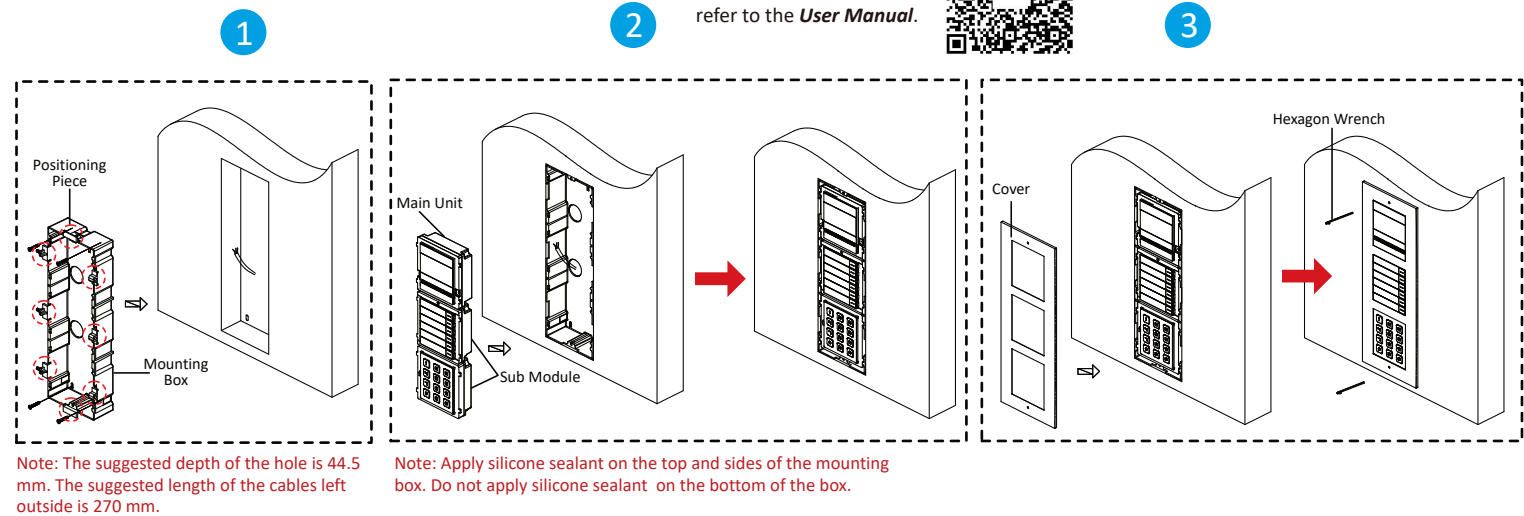
Note: Video intercom module door station supports flush mounting and surface mounting. You can install module door station through one-module frame, two-module frame and three-module frame. Here takes three-module frame installation as an example.

Before You Start

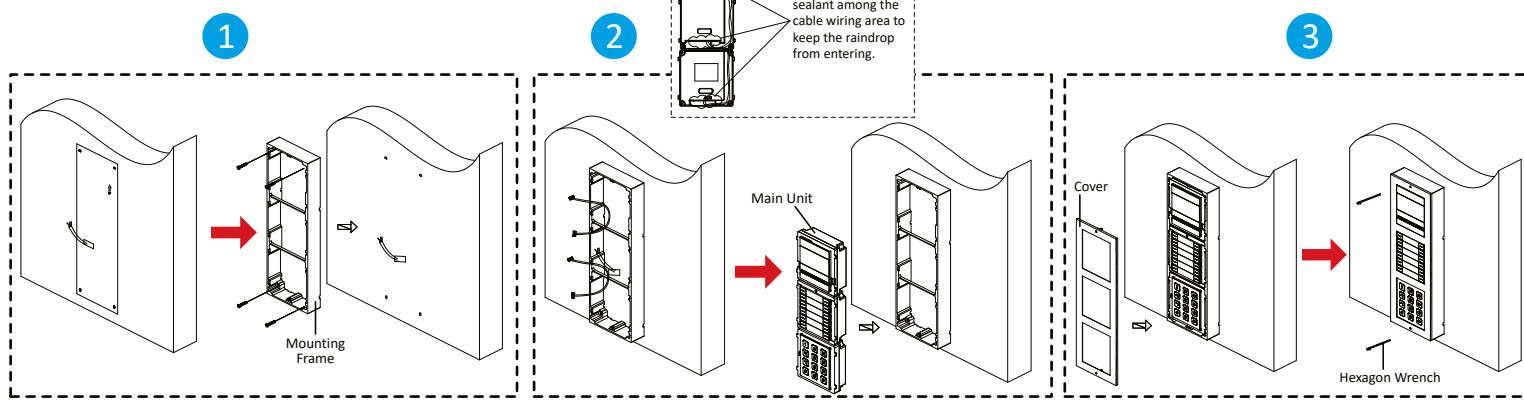
- Tools that you need to prepare for installation: Drill(6), cross screw driver (PH1\*150mm), and gradienter.
- Make sure all related equipments are power-off during the installation.
- Make sure you have configured the sub module address before installation. Valid sub module address ranges from 1 to 20. The No. should be unique for sub modules that connected to the same door station. The figure below shows an example of sub module address and corresponding DIP switch status.

| Sub Module No. | DIP Switch 1 | DIP Switch 2 | DIP Switch 3 | DIP Switch 4 | DIP Switch 5 | DIP Switch 6 | DIP Switch 7 | DIP Switch 8 |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Module 1       | ON           | OFF          | OFF          | OFF          | OFF          | OFF          | OFF          | OFF          |
| Module 2       | OFF          | ON           | OFF          | OFF          | OFF          | OFF          | OFF          | OFF          |
| Module 3       | ON           | ON           | OFF          | OFF          | OFF          | OFF          | OFF          | OFF          |
| Module 4       | OFF          | OFF          | ON           | OFF          | OFF          | OFF          | OFF          | OFF          |
| Module 5       | ON           | OFF          | ON           | OFF          | OFF          | OFF          | OFF          | OFF          |
| Module 6       | OFF          | ON           | ON           | OFF          | OFF          | OFF          | OFF          | OFF          |
| Module 7       | ON           | ON           | ON           | OFF          | OFF          | OFF          | OFF          | OFF          |
| Module 8       | OFF          | OFF          | OFF          | ON           | OFF          | OFF          | OFF          | OFF          |

Flush Mounting



Surface Mounting



4 Configuration

1. Configuration and Management via Mobile Web

Enable AP Mode→Login

- Long press the button on the left side of the device for 10 s to enable the AP mode.
- Connect your mobile devices to the device hotspot. Enter the device user name and AP mode password. Tap **Login**.

You can check the AP mode password (Access Code) via the label on the surface of the device.

2. Call Indoor Station from Door Station/Outer Door Station/Sub Door Station

- Set physial address for indoor station and door station/outer door station/sub door station via the rotary DIP switch.
- Connect the indoor station and door station/outer door station/sub door station.
- Call indoor station from door station/outer door station/sub door station.

For more details about the configuration, please refer to the *User Manual*.

Installation Position

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: 133°, Vertical: 82°.  
The highest visual height and lowest visual height of the camera is shown as picture.

