



User Manual



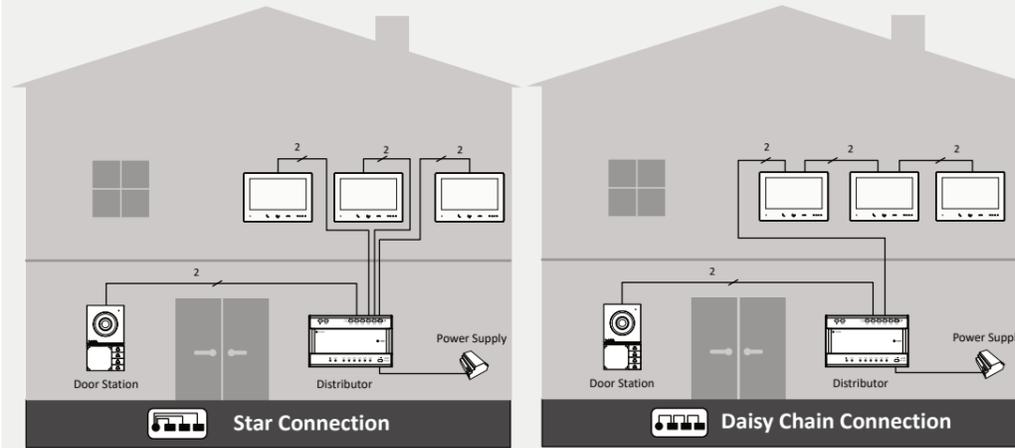
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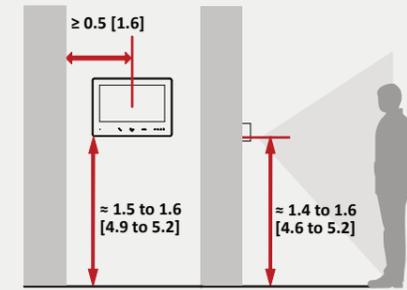
1 Typology and Installation Requirements

Typology

- Maximum 16 distributors (DS-KAD7040EY) can be cascaded.
- The name tag and call button are replaceable, you can replace them according to actual need. Here takes door station with 4 call buttons as an example.



Installation Requirements Unit: m [feet]



Cable Type	DS-KAD7040EY to Door Station	DS-KAD7040EY to Indoor Station	Indoor Station to Indoor Station	Indoor Station to Door Station
UTP 5 0.2 mm ² (Cat.5) AWG24	60 m	60 m	100 m	140 m
0.28 mm ² (TP) AWG23	60 m	40 m	80 m	160 m
0.5 mm ² (parallel) AWG20	60 m	60 m	100 m	180 m
1 mm ² (parallel) AWG17	60 m	60 m	100 m	260 m
1 mm ² (TP) AWG17	60 m	40 m	80 m	260 m
1.5 mm ² (parallel) AWG15	60 m	60 m	100 m	260 m

2 Room No. and Building No. Settings

Door Station

For example:

Tens: 01, Units: 01 → **Building No. (01 to 99): 01**

Tens: 00, Units: 00 → **Door Station Type: 00**

Door Station Types:
Main Door Station: 00
Sub Door Station: 01 to 16

Door Open Duration

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

Indoor Station

Units → **Indoor Station Type: 0**

Indoor Station Types:
Main Indoor Station: 0
Indoor Extension: 1 to 3

Units → **Building No. (01 to 99): 01**

Units → **Room No. (1 to 400): 323**

Hundreds → Reserved

DIP1 DIP2 → **Villa Mode**

DIP3 DIP4 → **Building Mode**

Reset Button: Hold for 5 s (1 beep) to reset the AP mode password.

DIP 1/2

- By default, DIP1/2 are set for door station with 1 call button.
- For door station with 2 call buttons, set DIP 1 as 1.
- For door station with 4 call buttons, set DIP 2 as 1.

Rotary Switch

MIC/SPK Audio Adjustment Switch

Rotary Switch

MIC/SPK Audio Adjustment Switch

Rotary Switch

For example:

Units → **Indoor Station Type: 0**

Indoor Station Types:
Main Indoor Station: 0
Indoor Extension: 1 to 3

Units → **Building No. (01 to 99): 01**

Units → **Room No. (1 to 400): 323**

Hundreds → Reserved

DIP1 DIP2 → **Villa Mode**

DIP3 DIP4 → **Building Mode**

Indoor Station

It is recommended to remark the indoor station No. on the back of the device sticker to indicate the Indoor Station No.

Make sure the indoor station's building No. is the same as the door station in this building's, or the door station cannot call the indoor station in the same building.

DIP 1 and DIP 2 are for mode settings, and DIP 3 and DIP 4 are reserved.

The device is on debugging mode when the extension No. is 9.

About this Document

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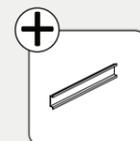
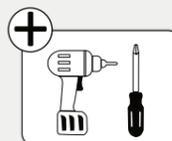
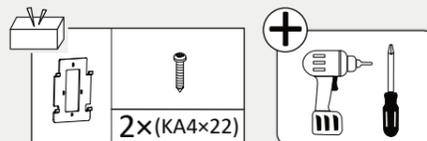
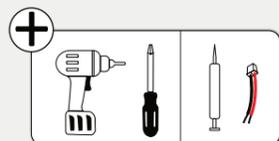
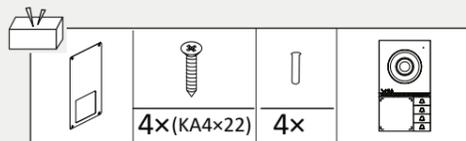
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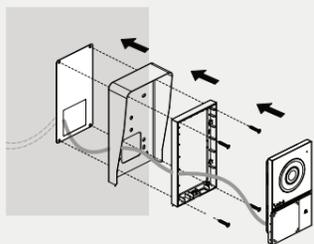
3 Installation



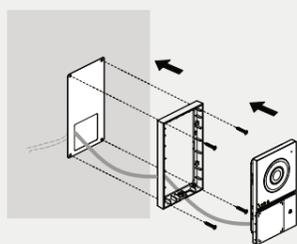
Door Station Installation

i The name tag and call button are replaceable, you can replace them according to actual need. Here takes door station with one call button as an example.

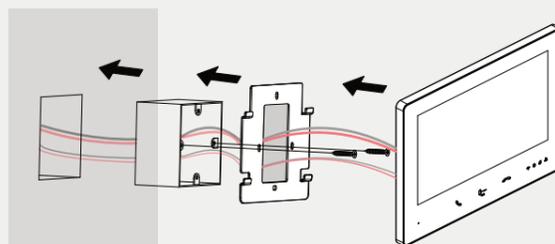
Surface Mounting with Rain Shield



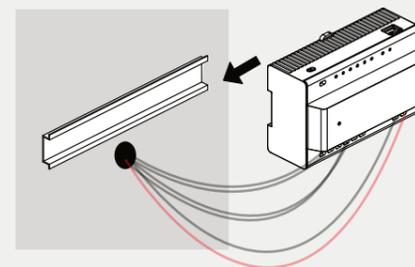
Surface Mounting without Rain Shield



Indoor Station Installation



Distributor Installation

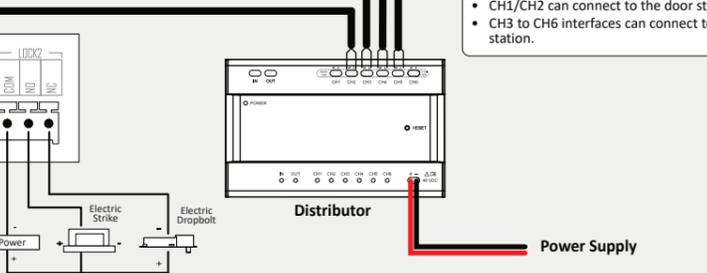
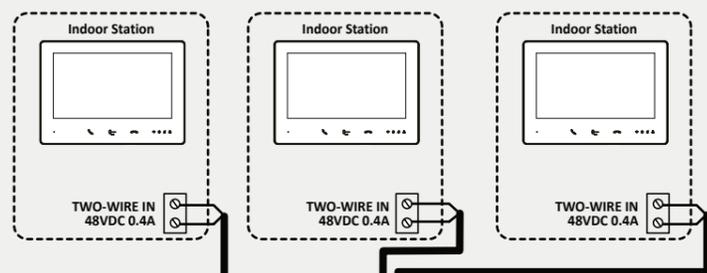


4 Wiring



w Make sure no wires are bare when connecting.

i The 2-wire cable between 2 devices should be undivided. Using discontinuous cables for connecting will cause impact on the power supply and communication.



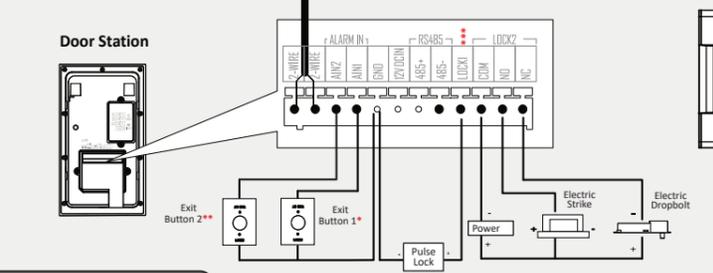
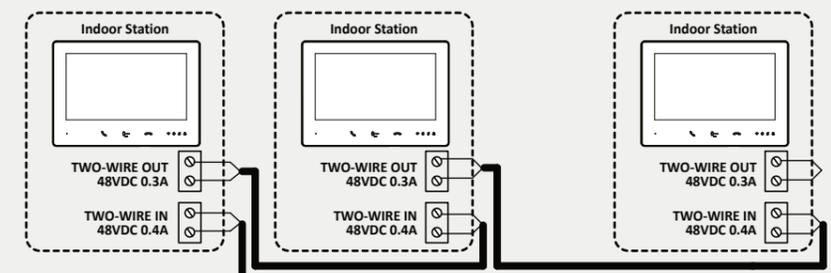
i CH1/CH2 can connect to the door station.
• CH3 to CH6 interfaces can connect to indoor station.

i *The Exit Button 1 is for unlocking door 1.
**The Exit Button 2 is for unlocking door 2 (Disabled by default).
***LOCK 1 is a 20 V/4 A impulse output with 300 mA holding current.



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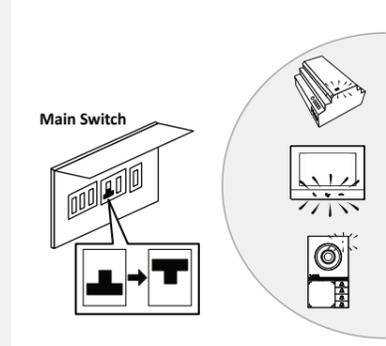
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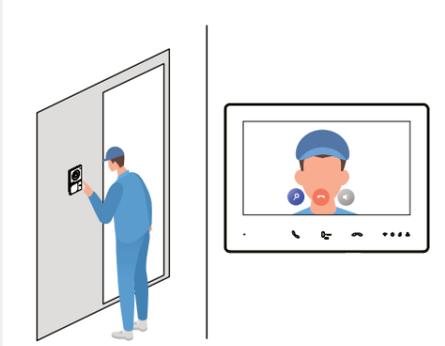
5 Configuration



5.1 Configuration Power On



5.2 Configuration Connection Test



5.3 Configuration Door Station Additional Configuration

