

2-wire Video Intercom

2-wire HD System Features

Signals are transmitted via
2-wire cable



Door Station	Indoor Station	Distributor	Power Supply
DS-KD7003EY-IME2	DS-KH7300EY-WTE2	DS-KAD7060EY	DS-KAW150-4N
	DS-KH7300EY-TE2	DS-KAD7060EY-S (for building extensions)	
		DS-KAD7061EY	

For end-users



Great Video & Audio Quality

- 2MP HD image
- WDR & Low illumination image enhancement
- Wide FOV
- Full duplex audio communication



Abundant Features with Intuitive Controls

- 7-inch touch screen, tablet-like operating experience
- Remote Hik-Connect App control
- TF card storage message (audio & video)

For installers



Simple Configuration & Easy Retrofit

- Great compatibility of reusing existed 2-wire cables
- Flexible topologies for multiple scenarios– Star & Daisy Chain connections
- Easy to deploy (Plug & Play, mobile & PC configuration and DEC knobs configuration)
- Easy maintenance -- Check devices status at any time



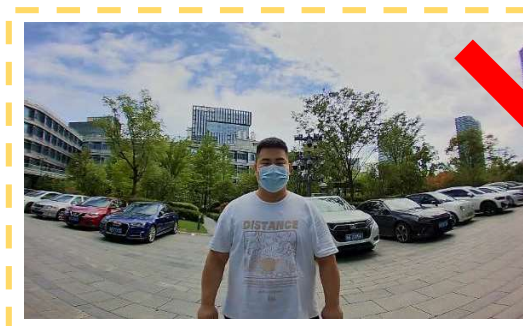
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High Video & Audio Quality

- View the camera footage from door station at the indoor station (2 MP Resolution)



VS



Comparison of WDR
(wide dynamic range)

Third Party Brands

Comparison of FOV
(Field of view)



VS



Third Party Brands



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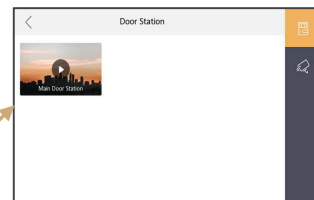
Abundant Features with Intuitive Controls

- 7-inch touchable screen, brings you a tablet-like operating experience
- Receiving calls, unlocking doors via Hik-Connect App from anywhere at any time

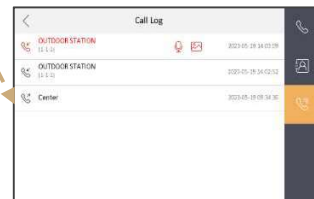
All in a few clicks



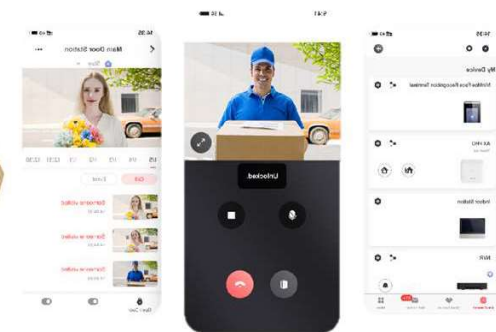
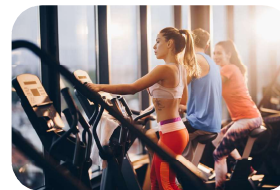
Touchable home screen



Live view check



Audio & Video message



Remote control via HC App

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No configuration, easy and convenient

1

Basic Configuration

X10 X1

X10 X1

DEC knobs configuration

Automatic pairing of devices with the same building number, plug-and-play

E.g.
building 12
=1*10+2*1

2

Advanced Configuration

Long press the left button to send out AP hotspot – AP Mode

Connect to door station AP hotspot to start web configuration – issue personal info, set password, devices management, etc.



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Simple Configuration & Easy Retrofit – Multi-Family Topology



System product list



Indoor station
DS-KH7300EY-(W)TE2



Modular door station
DS-KD7003EY-IME2



Distributor
DS-KAD7060EY



Power adapter
DS-KAW150-4N

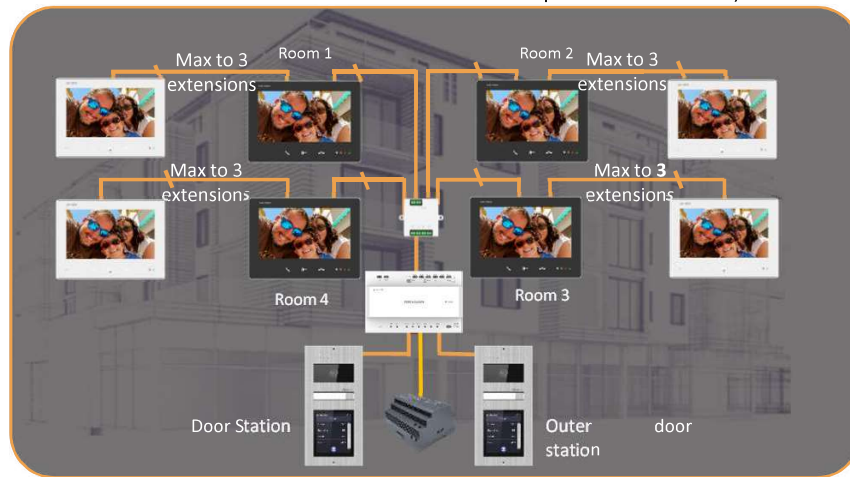
Note: Each channel of distributor 7060 can be connected to 1 door station / 1 main and 3 sub indoor stations / 8 main indoor stations.



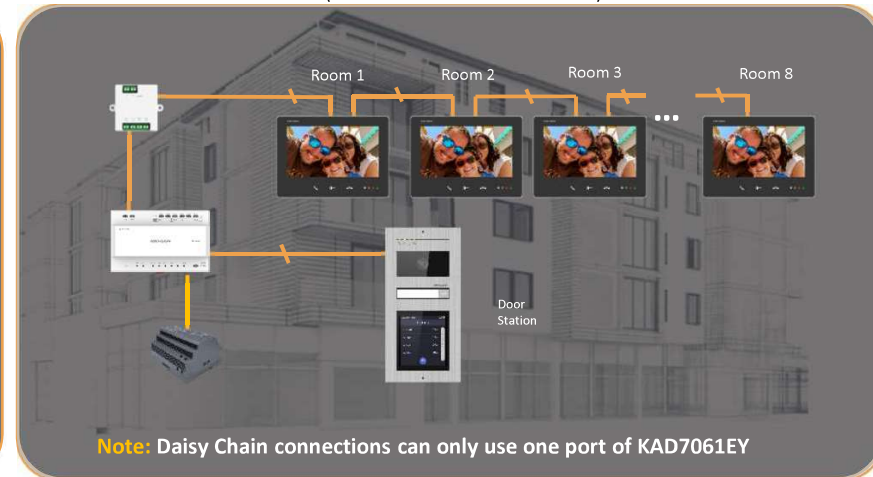
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Simple Configuration & Easy Retrofit – Single Floor Topology

Star connection through DS-KAD7061EY
maximum **4 main indoor stations** from 4 ports of KAD7061EY



Daisy chain connection through DS-KAD7061EY
(maximum **8 indoor stations**)



Note: Daisy Chain connections can only use one port of KAD7061EY

— 2 wire cable — Power cable

System product list



Indoor station
DS-KH7300EY-(W)TE2



Modular door station
DS-KD7003EY-IME2



Floor shunt
DS-KAD7061EY



Distributor
DS-KAD7060EY



Power adapter
DS-KAW150-4N



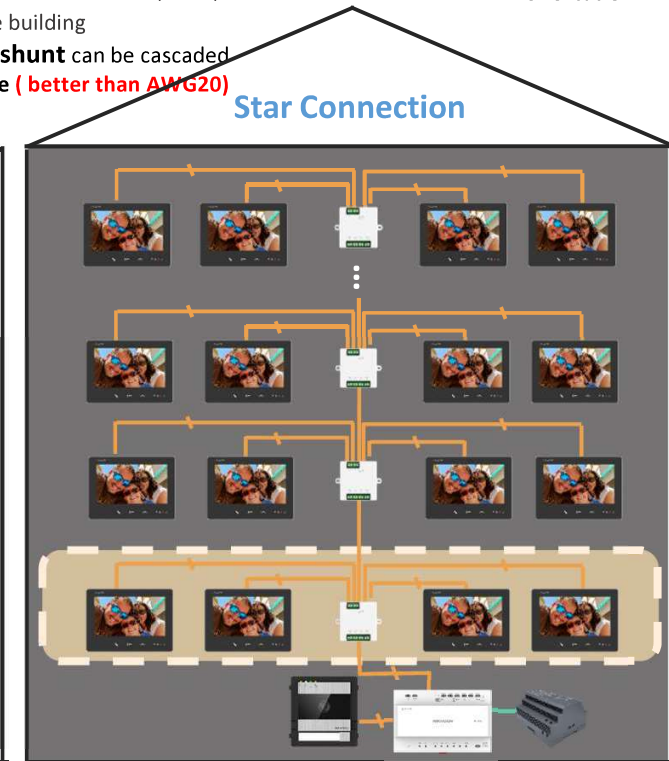
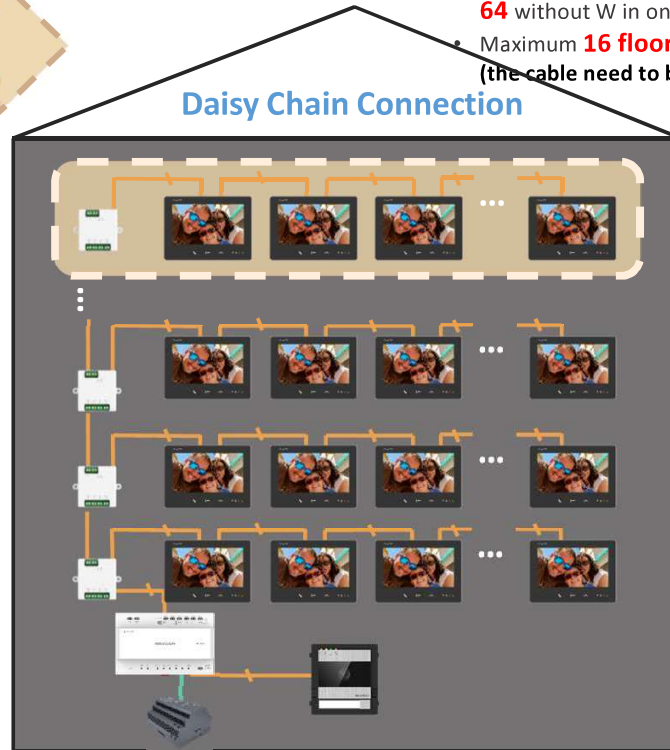
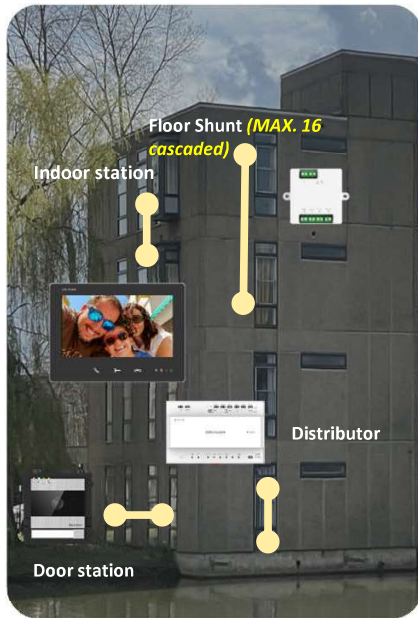
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Simple Configuration & Easy Retrofit – Single Building Topology

1 power supply for whole system

- Maximum **22** indoor station with W (Wi-Fi) or **64** without W in one building
- Maximum **16 floor shunt** can be cascaded (the cable need to be (better than AWG20))

— 2 wire cable
— Power cable



Note: Due to system power consumption limitations, 7060 needs to be cascaded and powered separately when maximum number of indoor stations are exceeded

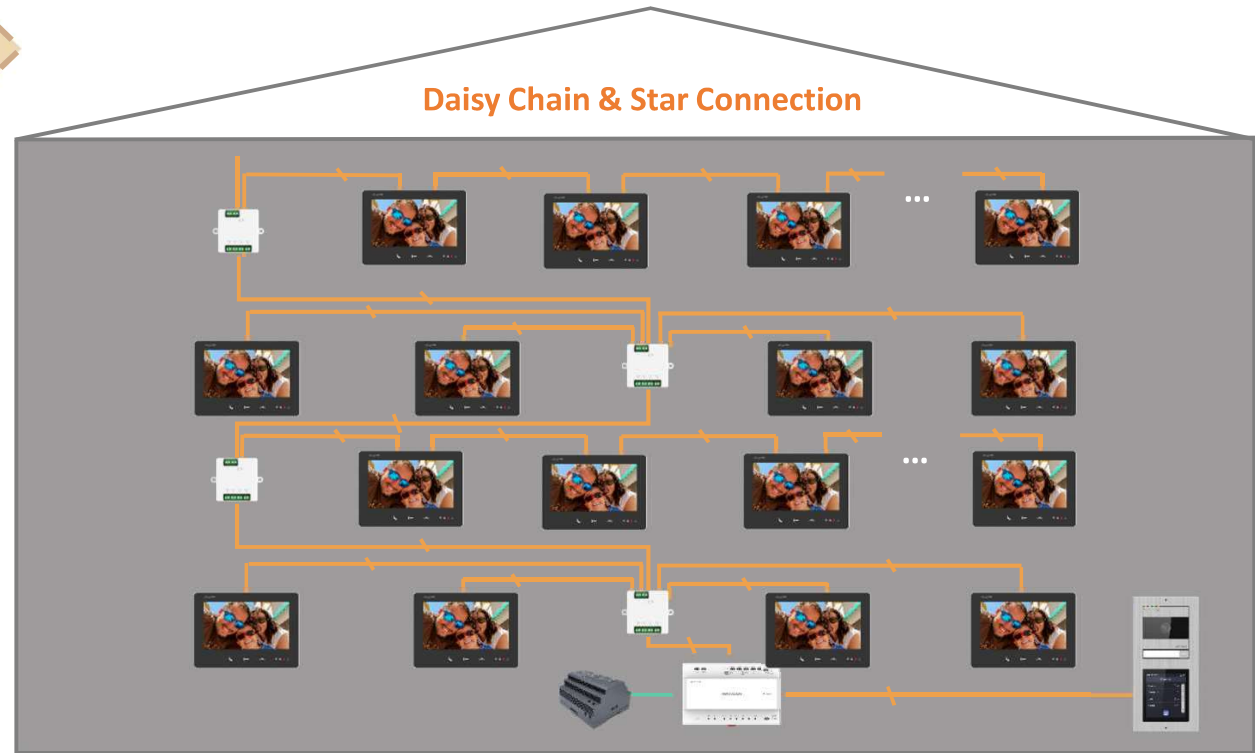
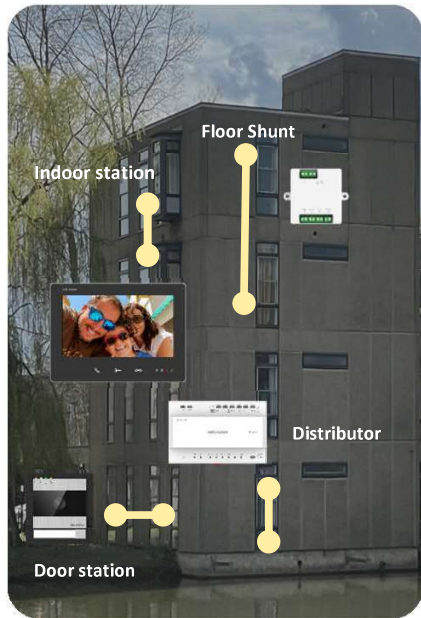


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Simple Configuration & Easy Retrofit – Single Building (Fusion Topology)

— 2 wire cable
— Power cable

1 power supply for whole system



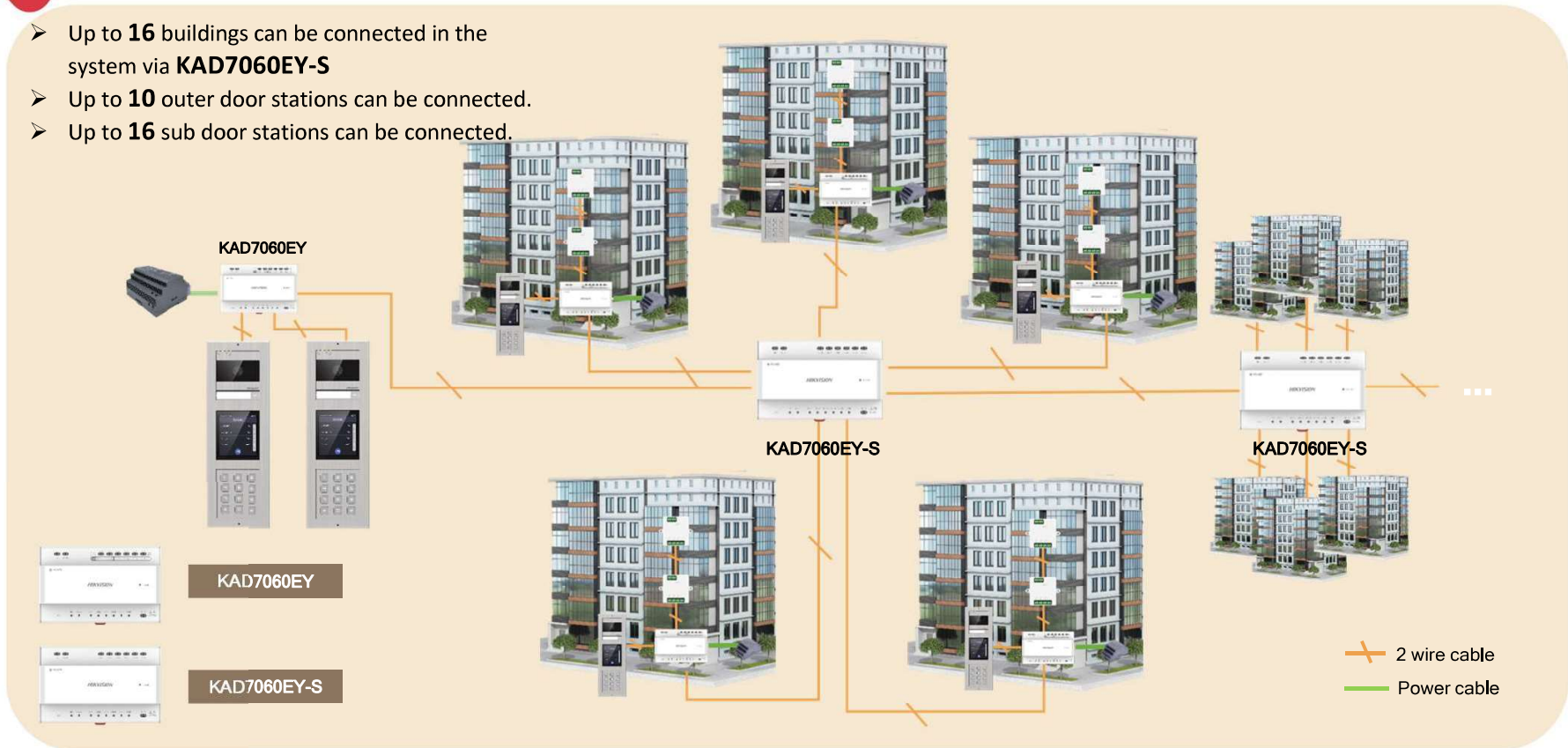
Note: Due to system power consumption limitations, device needs to be powered separately after 64 or 22 indoor stations are exceeded



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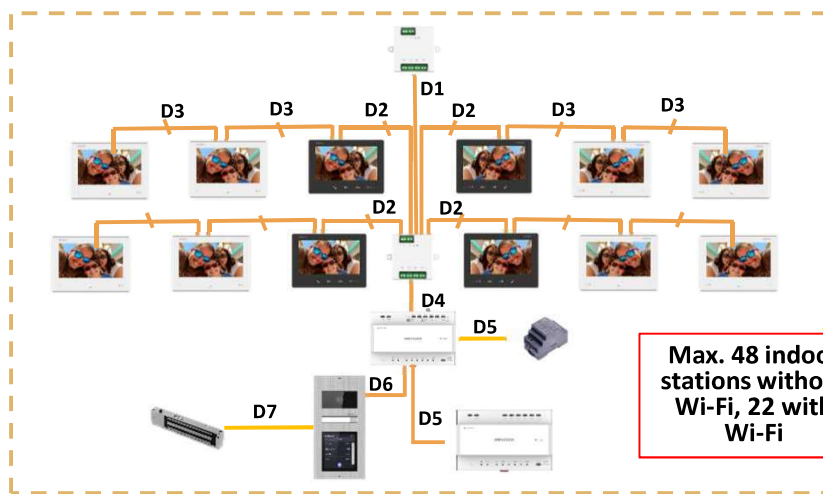
Simple Configuration & Easy Retrofit – Multiple Buildings Topology

- Up to **16** buildings can be connected in the system via **KAD7060EY-S**
- Up to **10** outer door stations can be connected.
- Up to **16** sub door stations can be connected.



2-wire Video Intercom

- Maximum system wiring capacity



Max. 48 indoor stations without Wi-Fi, 22 with Wi-Fi

Max. 64 indoor stations without Wi-Fi, 22 with Wi-Fi

- D1: 7061 floor shunt cascade
- D2: 7061 to main indoor station
- D3: indoor station to indoor station
- D4: 7061 to 7060 main distributor
- D5: 7060 to other building (power module, 7060, 7060-S)
- D6: 7061 to door station
- D7: door station to electronic lock (power supply)

Attention: Distance from power supply to the furthest indoor station is **200m**

Wire	D1	D2	D3	D4	D5	D6	D7
UTP 5 0.2mm2(Cat. 5) AWG24	60m	60m	60m	60m	100m	60m	NA
0.28mm2(TP) AWG23	60m	40m	40m	40m	80m	40m	30m
0.5mm2(parallel) AWG20	60m	60m	60m	60m	100m	60m	50m
1mm2(parallel) AWG17	60m	60m	60m	60m	100m	60m	50m
1mm2(TP) AWG17	60m	40m	40m	40m	80m	40m	100m
1mm2(parallel) AWG15	60m	40m	60m	60m	100m	60m	100m

Note: Cat.5=Category 5 line, TP=Twisted-pair cable

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Thank You