



# SEEING IS COMMUNICATION

## HIKVISION VIDEO INTERCOM

### PROMOTION MANUAL





# VIDEO INTERCOM PROMOTION MANUAL

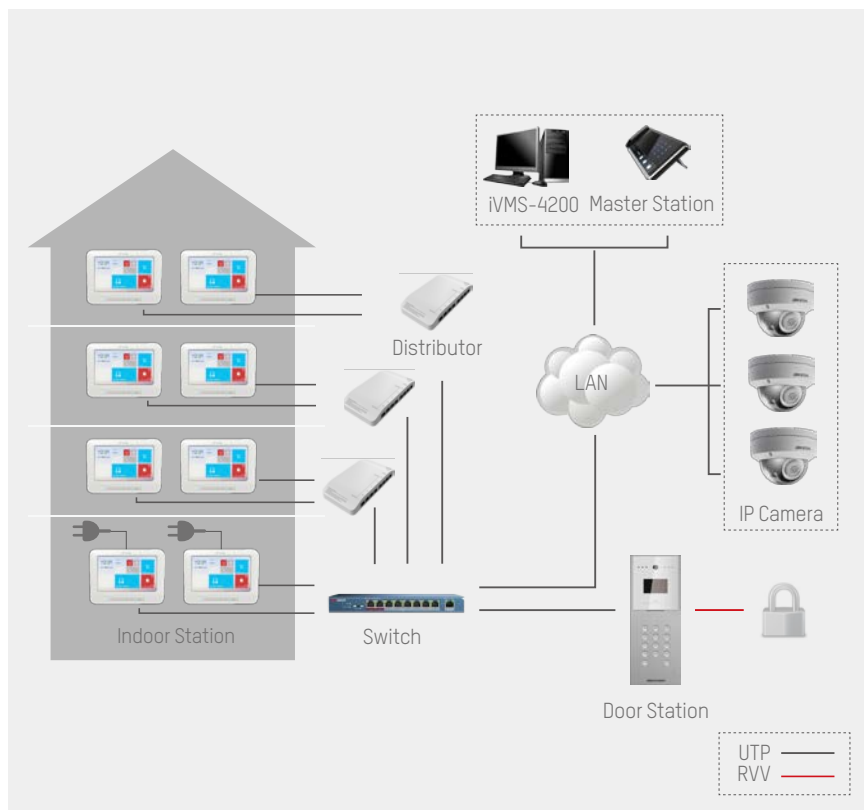
There's something special about seeing the person you are speaking to. When we need a way to talk to others, but with more options and more capabilities, the usual intercom system just isn't enough. Today's technology has the capacity to make electronically mediated interaction more human and more personal than ever.

Hikvision's Visual Intercom System enhances that human element to an electronic mode of communication – by allowing callers to see each other. But that's not all. We also included a list of intelligent features that just might surprise you. This Visual Intercom extends surveillance capabilities, adding a level of safety to a user's home. It creates a hub for emergency responses. It adds an access control dimension to reinforce a sense of safety in the home or workplace. And our echo-cancellation technology ensures high quality voice transmission, providing an exceptional user experience. All this and more can be easily managed with our mobile app.

In a world where personal interaction is increasingly digitized, it's nice to find the human element in our hi-tech devices. The Visual Intercom System from Hikvision makes communication more personal, more pleasant, and more technologically advanced than ever before. Ask your distributor for our Visual Intercom System today.

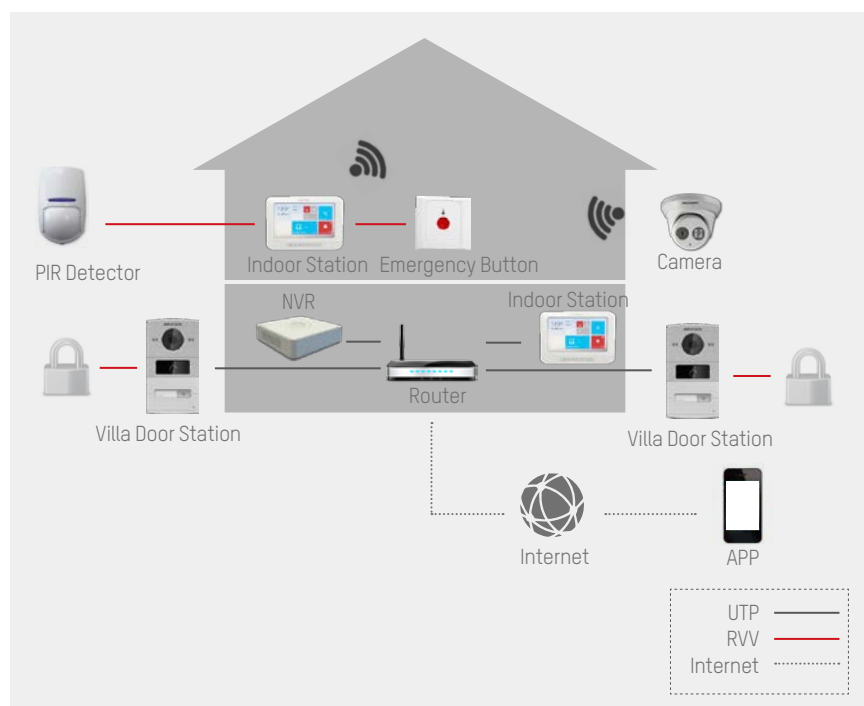


# SYSTEM STRUCTURE



## FOR FLATS

As for Hikvision's IP Video Intercom System for Flats, the basic components include: indoor stations, (exterior) door stations, master stations, digital decoder distributors, and management software, among others. The indoor station can be powered by - and communicate via - this distributor, which supports Hikvision's PoE. The indoor station can also be connected to a regular switch (requiring an additional power supply). All equipment needs be connected to the local area network to function, and there are no special connections between devices, making the configuration flexible and convenient. Users implement and manage the intercom system with custom management software, and Hikvision closed-circuit televisions (CCTVs) can be connected to the intercom system. The indoor station can be used as a mini-monitor to remotely view the selected IP camera images.



## FOR VILLAS

The indoor station in Hikvision's IP Video Intercom System for Villas can be connected with the family's local area network via Wi-Fi or wired connection. Various sensors can also be connected to the indoor station via wired connections. When an alarm is triggered, a notification can be sent over the Internet. A villa door station can be added to a NVR for real-time recording. When an exterior door station calls the indoor station, the call data can be sent to a phone app via the cloud so that residents can use the video intercom to answer calls and open the door remotely at any time, from anywhere.

# SYSTEM HIGHLIGHTS



## IP FRAMEWORK

Full digital IP intercom systems for buildings have been developing for over a decade. The first systems did not have video at all. Later, analog video systems were introduced before gradually evolving into today's pure digital colour IP video intercom systems. Traditional intercom systems had complicated wiring, high installation costs, low interference tolerance and easily attenuated signals. Furthermore, systems were easily overloaded, capacity was limited, interactive communication interfaces were lacking and resources could not be shared.

In contrast, today's IP intercom systems overcome signal transmission distances, and support full duplex intercoms and standard networking protocols. They are also easy to maintain and expand into large scale projects.

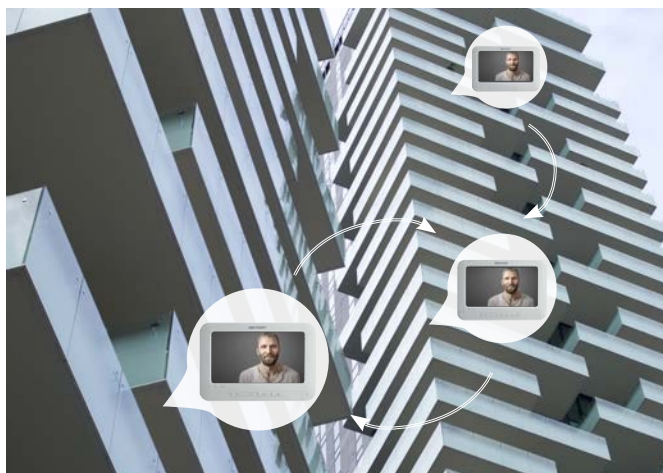
## EASY TO INSTALL, EASY TO MANAGE

When compared with traditional analog video intercom systems, installation and wiring for digital video intercom systems is much more convenient and flexible. A single network cable provides all the wiring needs, greatly simplifying wiring work. Then, management software can be used across entire system for simple installation and adjustments, making the whole process quick and easy.

Parameter Comparison	Video Intercom System	
	Analog Solution	IP Solution
Cost-effectiveness	N/A	YES
Systematic complexity	High	Medium
Communication safety	N/A	Good
CCTV integration	N/A	Support
Alarm function	N/A	Support
Remote access	N/A	Support

Analogue solution and IP solution comparison



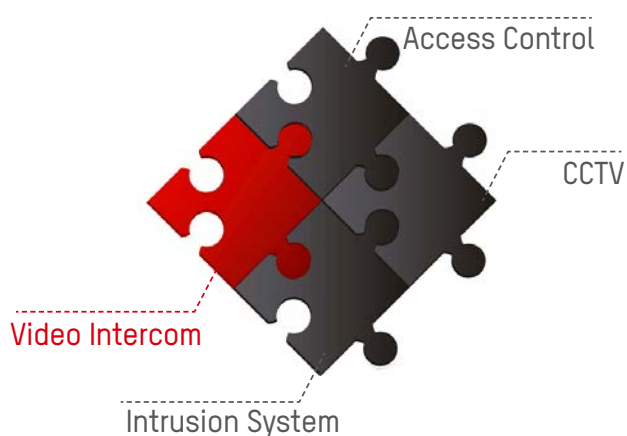


## SUPPORTS HOME-TO-HOME INTERCOM & THREE-WAY CALLS

The indoor station functions as a free IP phone and supports one-touch quick dialling to any other indoor station within the same network, providing an additional method of communication among users. Visitors can use the (exterior) door station to call the indoor station. The indoor station can be configured to transmit audio and video upon answering the call. After confirmation of the visitor, the indoor station can be used to open the door remotely. Users can choose to monitor the exterior camera from the indoor station and, should there be a suspicious person, the intercom can be used to warn the person to leave safely.

## HIGH-DEFINITION VIDEO INTERCOM

Thanks to extensive technical experience with video surveillance products, Hikvision video intercom door stations carry a high performance IP camera with video resolution of 1.3 MP, a wide, 120°-angle lens, and supports wide dynamic range and night vision. High definition video is maintained even under harsh background lighting or at night.



## VIDEO INTERCOM FOR ALL-ROUND SECURITY

An all-round security solution includes four parts: video intercom, access control, CCTV, and intrusion system. The Video Intercom Door Station acts as an additional IP camera within a connected NVR where recordings will also be stored. An additional video surveillance IP camera can be added to an Intercom Indoor Station and viewed on an indoor panel. The Outdoor Intercom Station supports access control functionality, where multiple authentications can be applied. All access control events, including: card number, short video clips, logs, and others will be saved and an in-out report can be generated for these events. Various kinds of detectors or Pyronix intrusion system can be connected too, with push notifications to a smart phone app which manages the systems in one place. Hikvision's all-round security can provide the best value solution.

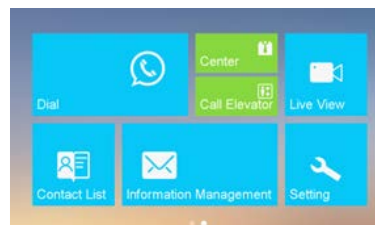
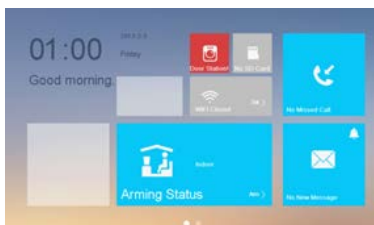
## NOISE SUPPRESSION AND ECHO CANCELLATION

Noise and echo is one of the most common problems encountered in video intercom systems. During remote intercom connections, when the receiver sound level is up, or the ambient noise is relatively high, the microphone often picks up sounds and creates feedback. The resultant echo affects communication quality. To solve this issue, Hikvision intercom products use both hardware and software processing to solve the problems associated with audio processing to implement clear intercom communication between the indoor and outdoor stations and the master station.



## FLAT INTERFACE, SIMPLE OPERATION

The indoor station's flat panel interface allows simple operation of key functions which are clearly displayed on the high-definition touch screen. Users can access functions with one touch – no need for in-depth knowledge. Furthermore, through the selection of function modules, size adjustments, interface layout and easy-to-use touch screen, a reasonable interface is provided for the user, improving the overall visual experience.



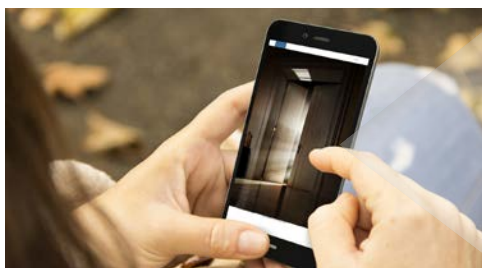
## ACCESS CONTROL AND ALARM FUNCTION

This video intercom system is designed with access control functions. Visitors can use an access control card at a door station card reader to gain entry. The door station can issue up to 2,500 cards for each flat or apartment building. All successful entries using access control cards are automatically visually recorded and can be uploaded to the platform centre. Indoor stations can be connected with sensors for eight zones, and residents can use the indoor station for arming and disarming. In addition, alarm data can be uploaded to the platform centre and the master station.



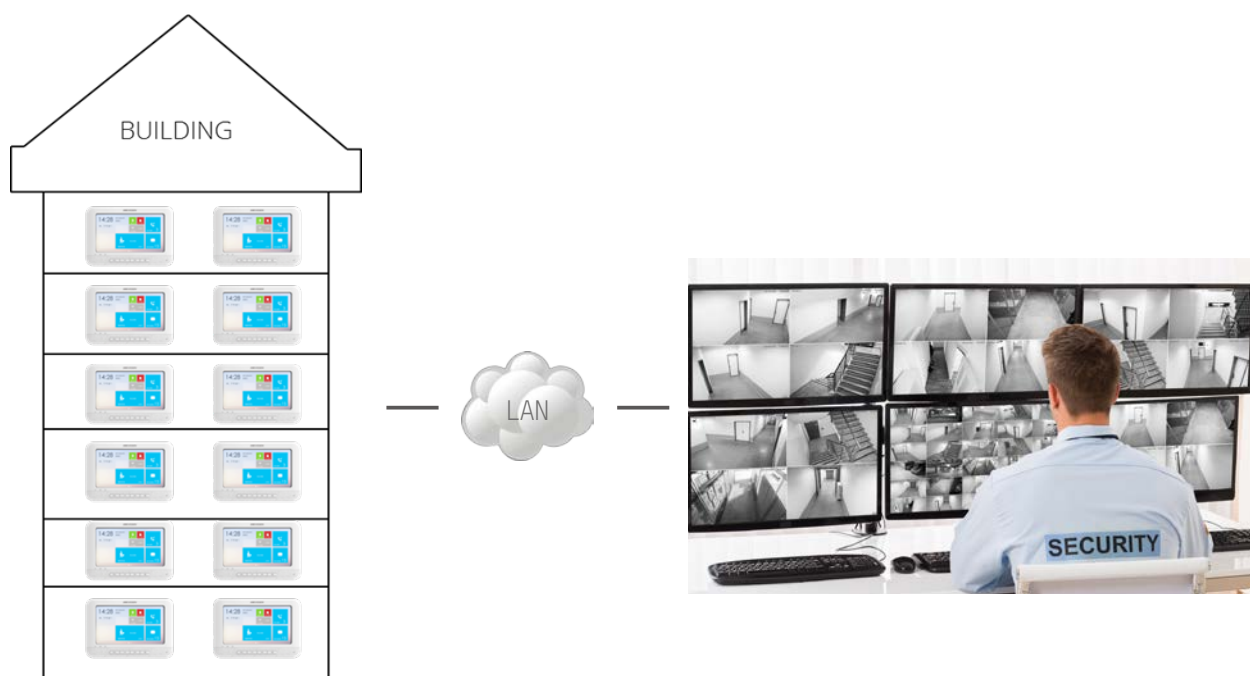
## PUSH NOTIFICATIONS AND REMOTE MONITORING

The Hikvision IP intercom system supports app access and when the indoor station receives a call, the call data can be sent to the app. The user can answer a call on the app at any time, from anywhere. When a visitor is welcome, the user can press a button on the app to remotely open the door. The user can access the door station camera for voluntary monitoring. In the case of an unwelcome visitor, the user can remotely ask them to leave.



## EASY TO MAINTAIN, EASY TO EXPAND

Access control management, alarm management and querying of various incidents can be performed swiftly via software on the IP intercom system. The intercom system can be managed according to the permissions granted to each user. Batch updating can be used to update the device programs, making system maintenance simple and convenient. With its robust IP framework, the intercom system is easy to expand, supporting a maximum of 1,500 device connections.



## PRODUCT SHOWCASE

### System Kit



**DS-KIS203**  
4-wire Vandal proof  
Video Intercom Kit

- Self-adaptive IR supplement
- Vandal proof for door station
- Metal housing zinc alloy
- One-touch calling
- Remote unlocking
- CCTV integration



**DS-KIS202**  
4-wire  
Video Intercom Kit

- Self-adaptive IR supplement
- One-touch calling
- Remote unlocking
- CCTV integration



**DS-KIS204**  
4-wire Picture Storage  
Video Intercom Kit

- Self-adaptive IR supplement
- One-touch calling
- Remote unlocking
- CCTV integration
- Support Picture Storage

COMING SOON



**DS-KIS701**  
2-wire IP Video Intercom  
Kit

- User friendly interface
- Video intercom on your app remotely
- Metal housing
- One-touch calling
- Remote unlocking



**KIS601**  
IP Video Intercom Kit

- Water proof
- Remote control on your app
- Card readers supported
- Metal housing
- One-touch calling
- Self-adaptive IR supplement
- Access control function

### IP Apartment Door station



**DS-KD8002-VM**  
Metal Door Station

- 3.5-inch colourful TFT LCD, display resolution: 480\*320
- Camera resolution: 1.3MP, 25fps(P)/30fps(N)
- 10M/100M self-adaptive Ethernet
- 8-ch alarm input, 4-ch alarm output
- Visible light supplement



**DS-KD3002-VM**  
Metal Apartment Door  
Station

- 1.3 MP aluminum alloy door station with 3.5" colorful TFT LCD and physical touch key
- Display resolution: 480×320
- Camera resolution: HD720P, 25fps(P)/30fps(N)
- Visible light supplement
- 10M/100M/1000M self-adaptive Ethernet, Wiegand & RS-485
- 8-ch alarm input, 4-ch alarm output
- IP65, USB 2.0, 12 VDC



**DS-KD8102-V**  
Plastic Door Station

- 3.5-inch colourful TFT LCD, display resolution: 480\*320
- Camera resolution: HD720P, 25fps(P)/30fps(N)
- 10M/100M/1000M self-adaptive Ethernet
- 8-ch alarm input, 4-ch alarm output
- IR detection
- Visible light supplement

### Doorbell



**DS-KB6403-WiP**  
Wi-Fi Doorbell

- Video intercom function, supporting communication with the mobile app directly
- IP 54 standard
- 1080P camera, 180° field of view
- Supports connection to the mechanical doorbell



**DS-KB8112-IM**  
Vandal-proof doorbell

- HD video surveillance with WDR wide angle and high performance CMOS, up to 720P @ 30 fps
- Supports remote web access and OSD display
- Supports ISAPIs and ONVIF
- IK 9 and IP 66
- Access control function
- Motion detection



**DS-KV81/2/402-IM**  
Metal Villa Door Station

- Camera resolution: HD720P, 25fps(P)/30fps(N)
- 10M/100M self-adaptive Ethernet
- 4-ch alarm input, 1-ch alarm output
- IP 65 and IR supplement
- 1/2/4-ch Indoor Station access



**DS-KV8102-IP/VP**  
Plastic Villa Door Station

- Camera resolution: HD720P, 25fps(P)/30fps(N)
- 10M/100M self-adaptive Ethernet
- 4-ch alarm input, 1-ch alarm output
- IP 65
- 1-ch Indoor Station access
- Visible light supplement(-VP), IR supplement(-IP)



## Analog Door Station



**DS-KB2411-IM**  
Analog 4-wire  
door station

- Pinhole Camera with 720\*576 @ 25 fps
- Video Intercom Communication
- Supports two Door Stations cascading in Intercom System
- Unlocking control
- Self-adaptive IR Supplement



**DS-KB2421-IM**  
Analog 4-wire door  
station

- Intercom communication with indoor station
- Self-adaptive IR supplement (with photoresistor)
- Pinhole camera with 720\*576
- Unlock control
- Anti-oxidant zinc alloy
- Vandal-resistant (IK7)
- Surface mounting
- IP65

## IP Indoor Station



**DS-KH8300/DS-KH8301-WT**  
Indoor Station

- 7-inch colourful TFT LCD, display resolution: 1024\*600
- 10M/100M self-adaptive Ethernet
- Camera resolution: 640\*480, mechanical switch, Wi-Fi 802.11b/g/n, support SD card (DS-KH8301-WT)
- 8-ch alarm input
- Power over Ethernet cable/12V DC



**DS-KH6310(-W)**  
Indoor Station

- 7-inch colourful TFT LCD, display resolution: 800\*480
- 10M/100M self-adaptive Ethernet
- Wi-Fi 802.11b/g/n (-W)
- 8-ch alarm input
- Power over Ethernet cable/12V DC



**DS-KH2220**  
Indoor Station

- 7-inch LCD Screen
- Video Intercom Communication
- Support three Indoor Stations cascading in Intercom System
- Remote unlocking
- Monitoring Door Station and external analog Camera



**DS-KH2220-S**  
Indoor Station

- 7-inch LCD Screen
- Video Intercom Communication
- Support three Indoor Stations cascading in Intercom System
- Remote unlocking
- Monitoring Door Station and external analog Camera
- Support Picture Storage

## Master Station



**DS-KM8301**  
Master Station

- 7-Inch colourful TFT LCD, display resolution: 1024\*600
- Capacitive touch screen, touch key, physical key
- 10M/100M/1000M self-adaptive Ethernet
- SIP services
- 2 RS-485, 4 on-off Input, 2 on-off output, 2 relay output,

## Accessory



**DS-KAD606-N**  
Distributor

- Suitable for indoor station and villa door station
- 8 x 10/100Mbps ports(6-ch network cable powering and 2-ch cascading LAN interfaces)
- Support 24V DC power supply



**DS-KAD606/612**  
Distributor

- Built-in voltage-stabilised power
- Suitable for indoor monitor station and villa door station
- 8 x 100Mbps ports(6-ch network cable powering and 2-ch cascading LAN interfaces) (DS-KAD606)
- 16 x 100Mbps ports (12-ch network cable powering and 4-ch cascading LAN interfaces) (DS-KAD612)



**DS-KAW50-1**  
Power Supply

- Power supply for Door Station and Villa Door Station
- Output: 12V DC, 4.2A



**DS-KAW50-1N**  
Power Supply

- Input voltage:100-240V AC
- Output voltage:12V DC
- Output current: 4.17A
- Output power: 50W
- Short circuit protection, over load protection, and over power voltage protection



**DS-KAB21-H**  
Desktop Mounting Bracket

- Fashionable and beautiful metal bracket
- Special design for indoor station
- Stable and solid



**DS-KAB86**  
Gang Box

- Convenient design available for indoor station wall mounting
- Made of insulating material



**DS-KAB01**  
Protective Shield

- Stainless steel material
- Convenient design available for the wall mounting of the villa door station (DS-KV8X02-IM)
- No insulation



**DS-KAB02**  
Protective Shield

- Stainless steel material
- Convenient design available for the wall mounting of the villa door station (DS-KV8X02-IM)
- No insulation



**DS-KAB10-D**  
Protective Shield

- Stainless steel material
- Convenient design available for the wall mounting of the door station (DS-KD8102-V)
- No insulation



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