HIKVISION®

REAL SECURITY, REALLY CONVENIENT

SECOND GENERATION
IP VIDEO INTERCOM SYSTEM

WITH HIKVISION AS YOUR PARTNER,
YOU WILL STAND ON A SOLID FOUNDATION.

Hikvision is a world leading provider of security products and solutions. Featuring an extensive and highly skilled R&D workforce, Hikvision manufactures a full suite of comprehensive products and solutions for a broad range of vertical markets. In addition to the security industry, Hikvision extends its reach to smart home tech, industrial automation, and automotive electronics industries to achieve its long-term vision. Hikvision products also provide powerful business intelligence for end users, which can enable more efficient operations and greater commercial success. The outstanding capabilities and performance of Hikvision in the security and video surveillance industries have been recognized by leading analyst firms and global awards.

From the early digital age to today's intelligence era, we have seized every opportunity to advance the industry with our innovative technologies.

Hikvision's core technologies include: visual perception, cloud storage, big data, cross-media perception and reasoning, video codec, streaming media networking and management, audio and video data storage, embedded systems development.

As the pioneer in AI technology, Hikvision established an algorithm team for AI technology research in 2006. During this decade, Hikvision first launched deep learning-based servers then expand to a comprehensive range of AI products in 2016. Based on the continually researches and practices, Hikvision developed the AI Cloud structure and ranked No.1 in various global Artificial Intelligence contests.
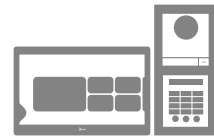
INDUSTRY PIONEER

Hikvision IP Series Video Intercom enjoys the largest global market share in the market, with more than 10,000,000 devices are being used worldwide. With a R & D team of more than 1,000 engineers, we are making continuous efforts to deliver more delicate products for our customers.

No.1 Global Market Share

1,000+ Engineers

10,000,000+ Devices

HIGHLIGHTS
OF THE IP VIDEO INTERCOM SYSTEM

EXCELLENT IMAGE QUALITY
- 2 MP Fisheye camera with WDR and excellent night vision

EASY TO USE
- Convenient control via mobile app
- Gate access control and elevator control for apartments
- Driveway access control and door control for villas
- Abundant functions for any scenario: PIN / duress password / message / do not disturb mode / multiple ringtone options / and more

FLEXIBLE COMBINATIONS
- Readily expandable with various modules
- Various installation frames to better fit in with any environment

ELEGANT & USEFUL DESIGNS
- Elegeant designs
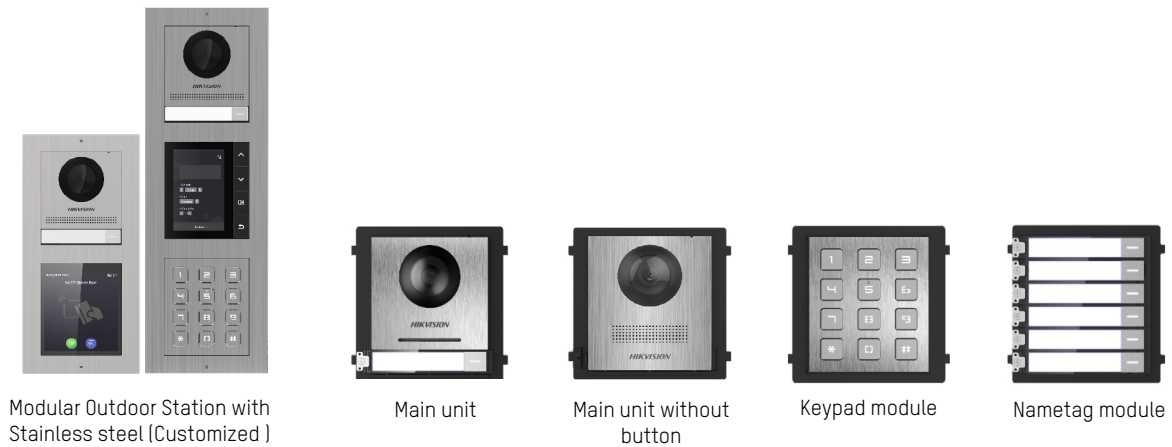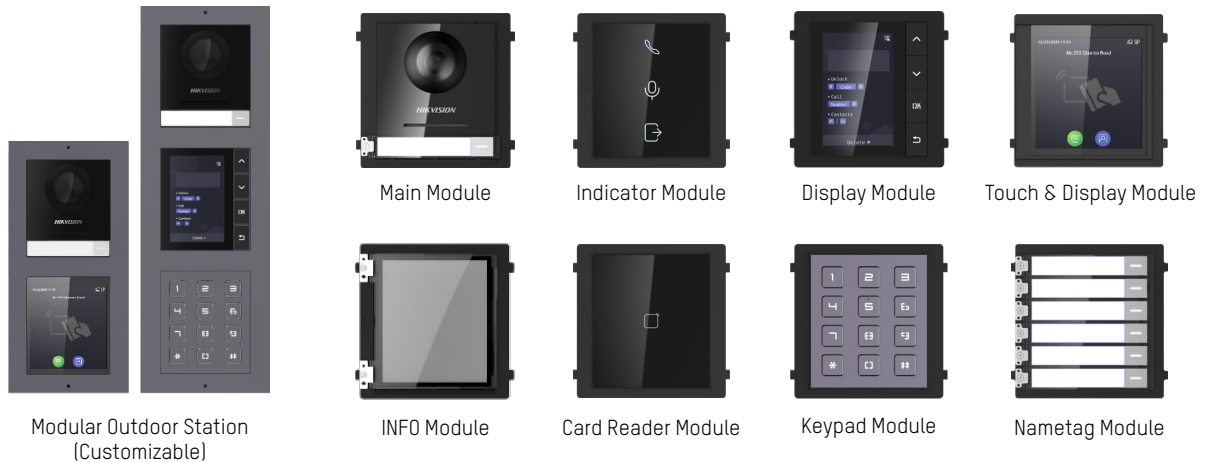- Reddot award winning indoor station

CCTV INTEGRATION
- Management from the all-in-one client
- Video recording to DVR / NVR
- View IP camera feed from indoor stations

MODULAR DOOR STATION

Hikvision's modular intercom products excel at convenient installation and flexible expansion capabilities. The complete package features a main module with several extension modules ranging from the traditional nametag and keypad module to card readers and indicator modules, providing an abundance of functionality to customers.

Modular Outdoor Station (Customizable)

Main Module	Indicator Module	Display Module	Touch & Display Module

INFO Module	Card Reader Module	Keypad Module	Nametag Module

Modular Outdoor Station with Stainless steel (Customized)

Main unit	Main unit without button	Keypad module	Nametag module

Standard PoE

2 MP Camera with 180° Wide Angle and WDR

Driveway and Door Access Control

Supports 16 Languages

2-Wire Version (selected models)

Backlight function

Bigger Nametag

Sleek Designs

Extensive Modularity

Stainless Steel 304 (Door station with new material)

INDOOR STATION

Hikvision's new all-in-one indoor station, a tablet device that can converge and control security systems. With simple slides and taps, it helps monitor and manage intercom. Alarm, access control and video security systems., with dashboards for all-in-one management, easy operations on touch screen and flexible access to third-party apps, this all-in-one indoor station brings convenience and security in one place.

Pro Series Indoor Station
7-inch

Ultra Series Indoor Station
7-inch

Ultra Series Indoor Station
10-inch

Pro series indoor station
7 inch

Ultra series android tablet
7 inch

Ultra series android tablet
10 inch

Supports Wi-Fi Connection

Standard PoE

Link with Alarm Sensors

2-Wire Version
(selected models)

32 GB SD Card

User-friendly Interface

Touch Screen
with 1024 * 600 Resolution

3rd Party Apps (only Android models)

APARTMENT SOLUTION

The apartment solution supports up to an amazing 500 indoor stations, with communication available among all of them. Multiple door stations can be installed for one building and residents can unlock them using card or password. Integration with an elevator control system makes the entire system even more secure. Hikvision's IP Video Intercom Apartment Solution is a top choice for intercom and security system in buildings.

System Capacity
16 Modular Door Stations + 500 Indoor Stations

Apartment
Ultra Series Indoor Station (7-inch)
- IPS Touch screen
- Live view for IP camera
- Automatic image capture for missed call
- Standard PoE

Apartment
Ultra series android tablet 10 inch
- 10-inch IPS touch screen
- Android version 10
- Standard PoE
- Built-in Hik-connect for all-in-one management
- Easy integration with Android application
- Wi-Fi supported

Main Entrance
Main Module + Nametag
- Fisheye camera
- Night vision
- Record vide to CCTV system
- One touch call Mobile App and indoor stations

Side Entrance
Main Module + Card Reader + Keypad
- Fisheye camera
- Night vision
- Unlock door by password or card
- Record video to CCTV system
- One touch call Mobile App and indoor stations

Main Entrance
Secure Module (optional)
- communicates with main door unit and electronic lock
- keep door closed even when main module is damaged
- supports tampering alarm

Elevator
Master Elevator Controller
Control up to 128 floors

Main Entrance
Network Camera

VILLA SOLUTION

The villa solution provides thoughtful, useful functions for every member of the home. Users can call multiple indoor stations at the same time and unlock a door at any of the indoor stations. They can also receive all call information and unlock doors remotely and conveniently using the app on a mobile device.

The fisheye camera on the door station renders images clearly both day and night. With the record-to-NVR function, users can check on what's happening at their doorstep. To make this system even better, integrate it with Hikvision's CCTV system, allowing indoor stations to display any IP camera installed around your house. Security and convenience come together in this IP Video Intercom Villa Solution.

System Capacity
16 Modular Door Stations +1 Main Indoor Station +10 Indoor Extensions

Living Room
All-in-one indoor station (10-inch)

Kitchen
Ultra Series Indoor Station (7-inch)

Living Room
Network Video Recorder
- Records video from all cameras and door stations
- Triggered by event such as access control or motion
- HDMI output to TV

Main Entrance
Secure Module (optional)
- Communicates with main door unit and electronic lock
- Keep door closed even when main module is damaged
- Supports tampering alarm

Perimeter
Network Camera

Door
Door Main Module + Card Reader
- Fisheye camera
- Night vision
- Unlock door by card
- Record video to CCTV system
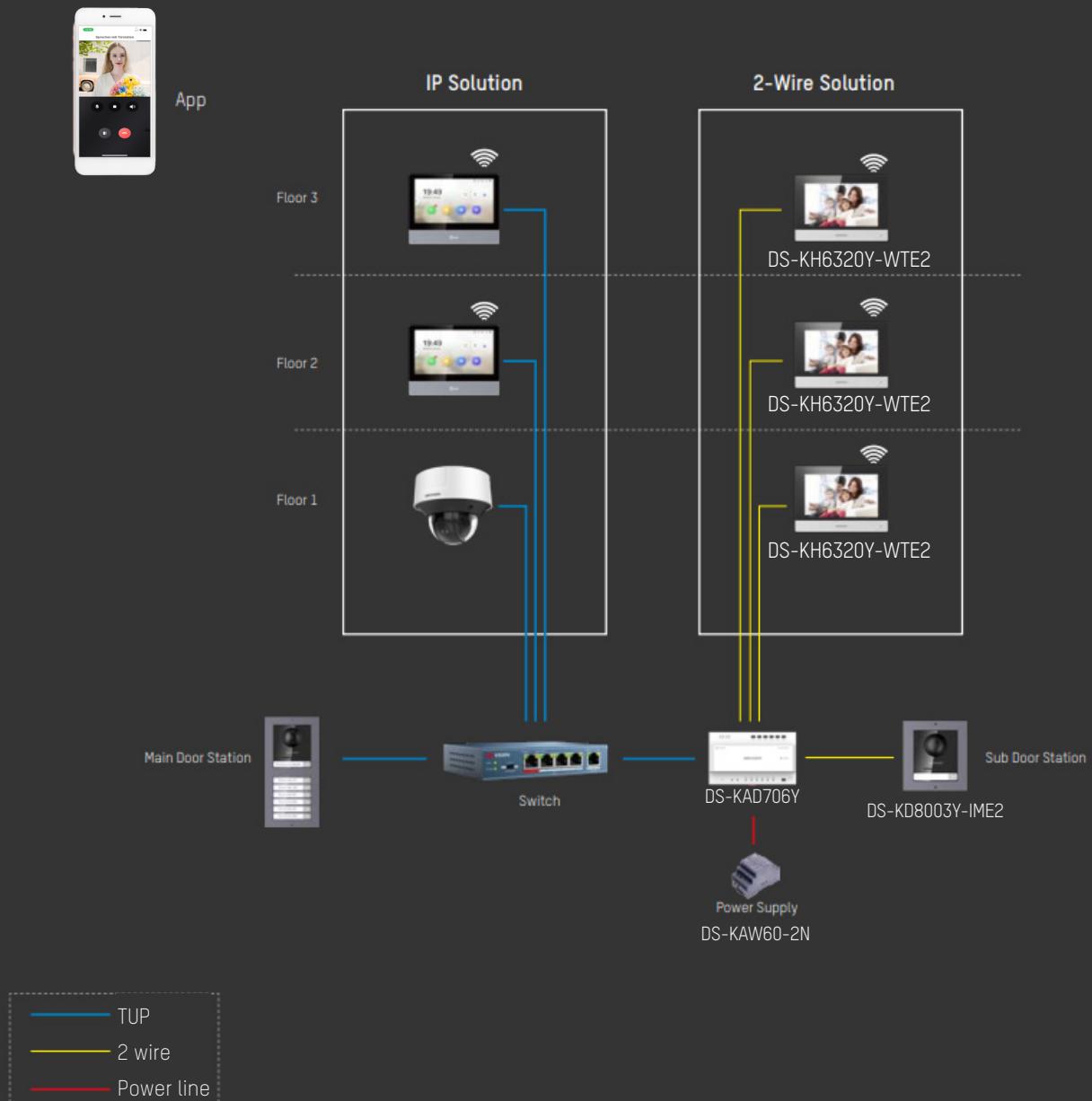- One touch call Mobile App and indoor stations

RETROFIT 2-WIRE SOLUTION

Hikvision Two-Wire Video Intercom system includes both indoor and outdoor video intercom stations powered by a distributor that only needs two wires – one for power and one for audio/video transmission.

This setup makes things simple when you're upgrading an old intercom system. With fewer wires required, you can simply reuse the existing ones from the previous hardware. Installation becomes easy, fast, and cost-effective.
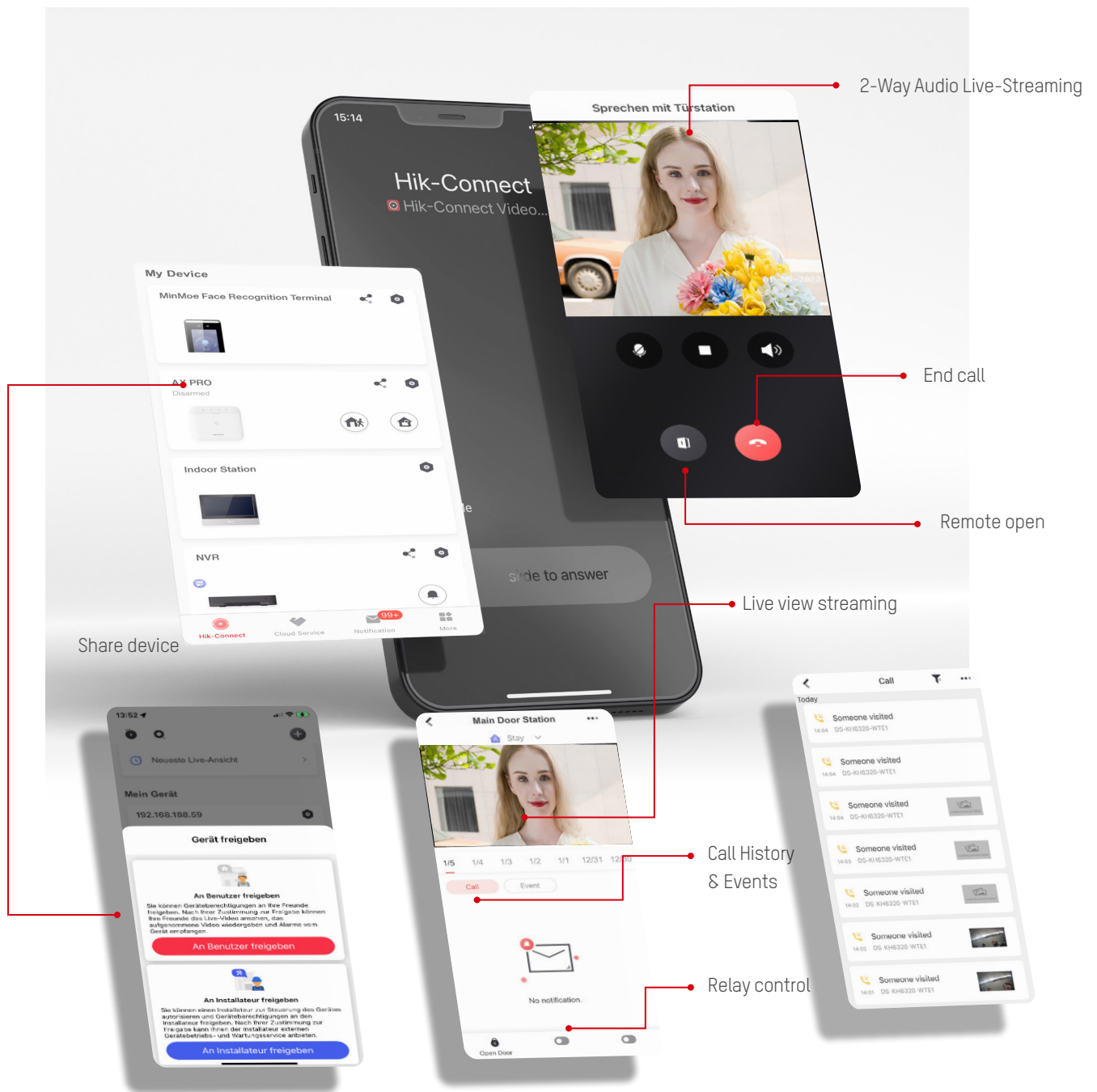
With advanced camera and Power Line Communication (PLC) technology, our product guarantees better video quality. Our modular door station allows for flexible combinations of function-specific modules. Put together the most suitable door station according to your needs, choosing among several module options such as card readers, name tags, keypads, and more.

Integrating with CCTV systems, and with easier remote control via mobile app, the security levels of any residence becomes vastly increased.

App

IP Solution

2-Wire Solution

Floor 3

DS-KH6320Y-WTE2

Floor 2

DS-KH6320Y-WTE2

Floor 1

DS-KH6320Y-WTE2

Main Door Station

Switch

DS-KAD706Y

Sub Door Station

DS-KD8003Y-IME2

Power Supply
DS-KAW60-2N

———— TUP
———— 2 wire
———— Power line

HIK-CONNECT

• Cruise through daily operations with the mobile Hik-Connect App
• Talk to visitors, receive calls, play back videos, & unlock doors
remotely from anywhere, at any time

2-Way Audio Live-Streaming

End call

Remote open

Live view streaming

Share device

Call History
& Events

Relay control

Hik-Connect

Scan and Download
the Hik-Connect App

PRODUCT SHOWCASE

Pro series modular door station

DS-KD8003-IME1(B) — UPDATE

Main Unit
2 MP fisheye camera
IR supplement
IP65
12V DC or standard PoE
Power supply for locks

DS-KD8003-IME1(B)/NS — UPDATE

Main unit without button
stainless steel
IR Supplement
IP65
12 VDC or standard POE
Power supply for locks

DS-KD8003-IME1(B)/S — UPDATE

Main Unit
Stainless steel
IR supplement
IP65
12VDC or Standard PoE
Power supply for locks

DS-KD-TDM — NEW

Touch Screen Display Module
IP65, IK08
3-in-1 module
In-screen card reader
Self-defined modes

DS-KD-DIS

Display Module
3.5-inch LCD
IP65
Backlight function

DS-KD-KP

Keypad Module
IP65
Backlight function
Blind spot design

DS-KD-KP/S

Keypad Module
Stainless steel
IP65, IK07
Backlight function
Bind spot design

DS-KD-KP/Black — NEW

Keypad Module
Black color version
IP 65, IK07
Backlight function
Bind spot design

DS-KD-KK

Nametag Module
With 6 call buttons
IP65
Backlight function

DS-KD-INFO

Information module IP65
125 KHz
IP65
Backlight function

DS-KD-IN

Indicator Module
IP65
Backlight function

DS-KD-BK

Blank Module
IP65

DS-KD-M

MIFARE 1 Card Reader Module
13.56 MHz
IP65
Backlight function

DS-KD-E

EM Card Reader Module
125 KHz
IP65
Backlight function

Installation Frames Surface mount

DS-KD-ACW1

Single Module Accessories
Used for surface mounting
Aviation aluminum

DS-KD-ACW2

Dual Modules Accessories
Used for surface mounting
Aviation aluminum

DS-KD-ACW3

Three Modules Accessories
Used for surface mounting
Aviation aluminum

DS-KD-ACW1/S

SingleModule Accessories
Used for surface mounting
Stainless steel

DS-KD-ACW2/S

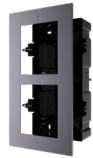Dual Module Accessories
Used for surface mounting
Stainless steel

DS-KD-ACW3/S

Three Module Accessories
Used for surface mounting
Stainless steel

Installation Frames flush mount

DS-KD-ACF1

Single Module Accessories
Used for flush mounting
Aviation aluminum

DS-KD-ACF2

Dual Modules Accessories
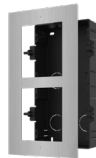Used for flush mounting
Aviation aluminum

DS-KD-ACF3

Three Modules Accessories
Used for flush mounting
Aviation aluminum

DS-KD-ACF1/S

Single Module Accessories
Used for flush mounting
Stainless steel

DS-KD-ACF2/S

Dual Module Accessories
Used for flush mounting
Stainless steel

DS-KD-ACF3/S

Three Module Accessories
Used for flush mounting
Stainless steel

NEW

DS-KD-ACF1/Black/EU

Single Module Accessories
Used for flush mounting
Stainless steel
Black color

NEW

DS-KD-ACF2/Black/EU

Dual Module Accessories
Used for flush mounting
Stainless steel
Black color

NEW

DS-KD-ACF2/Black/EU

Three Module Accessories
Used for flush mounting
Stainless steel
Black color

Indoor Station

Ultra series indoor station

NEW

DS-KH9310-WTE1(B)

7-inch IPS touch screen
Android version 10
Standard PoE
Built-in Hik-connect for all-in-one management
Easy integration with Android application
Wi-Fi supported

NEW

DS-KH9510-WTE1(B)

10-inch IPS touch screen
Android version 10
Standard PoE
Built-in Hik-connect for all-in-one management
Easy integration with Android application
Wi-Fi supported

Pro series indoor station

DS-KH8520-WTE1

10-inch LCD touch screen
Standard PoE
Mobile APP supported
Wi-Fi supported

DS-KH8350-TE1

7-inch LCD touch screen
Standard PoE
Mobile APP supported

DS-KH8350-WTE1

7-inch LCD touch screen
Standard PoE
Mobile APP supported
Wi-Fi supported

DS-KH6320-TE1

7-inch LCD touch screen
Standard PoE
Mobile APP supported

DS-KH6320-WTE1

7-inch LCD touch screen
Standard PoE
Mobile APP supported
Wi-Fi supported

NEW

DS-KH6350-WTE1

7-inch LCD touch screen
Standard PoE
Mobile APP supported
Wi-Fi supported

Pro Series 2 Wire modular door station

UPDATE

DS-KD8003Y-IME2

Main Unit
2 MP fisheye camera
IR supplement
IP65
Power supply for locks
2-Wire Interface

UPDATE

DS-KD8003Y-IME2/S

Main Unit
Stainless steel
IR supplement
IP65
Power supply for locks
2-Wire Interface

UPDATE

DS-KD8003Y-IME2/NS

Main Unit
Stainless steel
No bell button
IR supplement
IP65
Power supply for locks
2-Wire Interface

UPDATE

DS-KH6320Y-WTE2

7-inch LCD touch screen
2-Wire Interface
Mobile APP supported
Wi-Fi supported

UPDATE

DS-KAD706Y

Distributor
6 Two-Wire Interface for connection and power supply
Support up to 15 level cascading
Din rail mounting, 24VDC

UPDATE

DS-KAD706Y-S

Aggregation Distributor
6 Two-Wire Interface for connection
Din rail mounting, 24VDC

DS-KAW60-2N

Power Adapter
Power supply for DS-KAD706 & DS-KAD706-S
Output: 24 VDC, 60W
Din rail mounting

Updated 2-Wires Series

Please note: the updated Intercom solution (Y-Models) can only operate in combination with new Y-Model power distributor.

Additional Accessory

DS-K7P06

Exit button
Open electric locks by pushing button
stainless steel panel, metal
button, metal bottom case
Current Rating: 3A@36VDC Max
Output Contact: NO/NC/COM Contact

DS-KA01-ZX-21

Modular Demo Case
Indoor Stations
DS-KH9310-WTE1(B)
DS-KH6350-WTE1
Modular door station
DS-KD8003-IME1(B)/S
DS-KD-TDM
DS-KD-KP/S
KD-ACF3/S
Separate modules
DS-KD8003-IME1(B)
DS-KD-KP
DS-KD-IN
DS-KD-M
DS-KD-KK
DS-KD-DIS
DS-KD-KK/S
Installation frames
DS-KD-ACW1/ACW2/ACF3

DS-K2M061

Secure module
Communicates with Door station via RS-
485 to execute the commands from the
terminal including open door, close door,
normally.
Collects the door signal, the exit button
signal and the tamper-proof signal
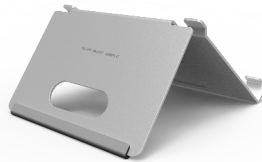and send them to the door station.
Supports tampering alarm
Supports indicators to show the
communication status.

DS-KABH6320-T

Table bracket
for KH6320/8520 series indoor
station

DS-KABH8350-T

Table bracket
for KH8350 series indoor
station

NEW

DS-KABH9510-T

Table bracket
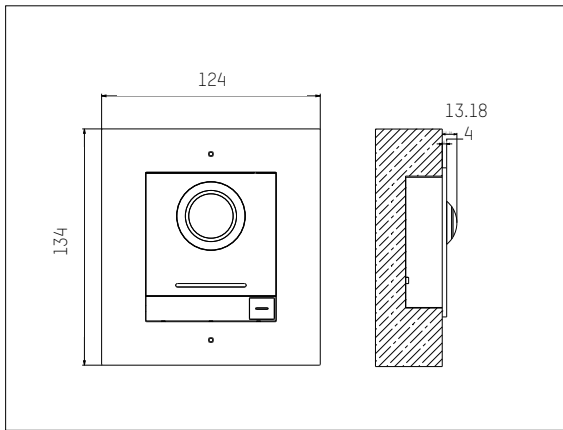for KH9510 series indoor station

TRANSMISSION DISTANCE

Transmission distance when using PoE door station solution with shielded CAT5/CAT6/CAT7 cable is 100 meter between network switch and each component. For 2-Wire system please refer to following tables:
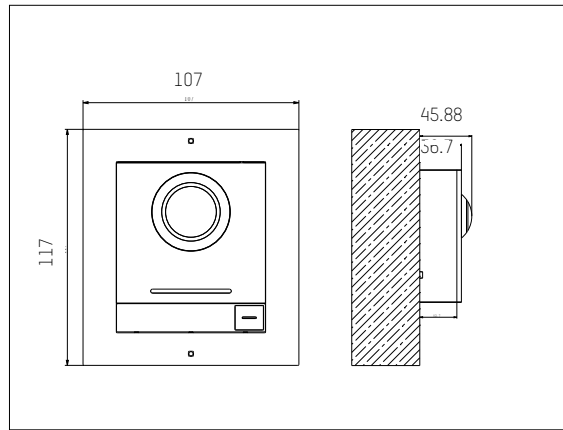
Maximum transmission distance 2-Wire modular intercom system			
Routing Path	Twisted Pair 24AWG (0.2mm^2)	Twisted Pair 20AWG (0.5mm^2)	Paralallel Line (0.4mm^2~0.8mm^2)
DS-KAD706-S <-> DS-KAD706	60m	60m	35m
DS-KAD706 <-> DS-KAD706	60m	60m	35m
DS-KAD706 <-> DS-KD8003-IME2	35m	60m	35m
DS-KAD706 <-> DS- KH6320-WTE2	35m	50m	50m

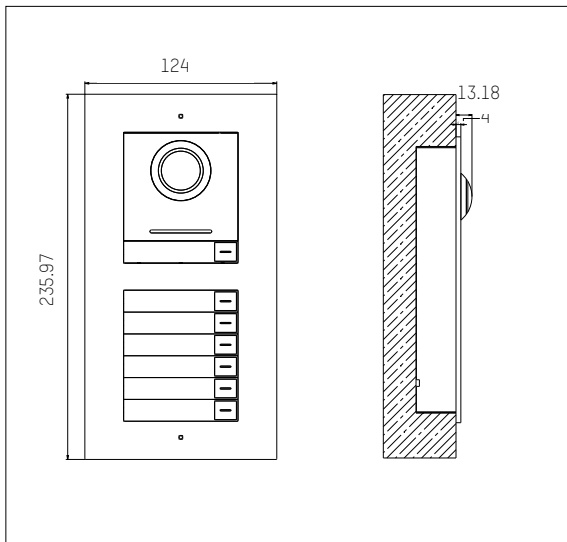| Maximum transmission distance using twisted pair				
Routing Path	24 AWG (0.2mm^2)	20 AWG (0.5mm^2)	18 AWG (0.8mm^2)	16 AWG (0.1mm^2)
DS-KAD706Y- DS- KH6320Y-WTE2	50 m	100 m	100 m	100 m

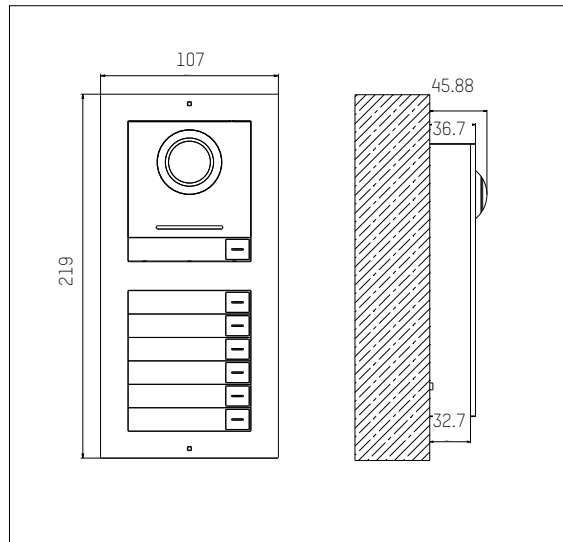# DIMENSIONAL REFERENCE FOR INSTALLATION
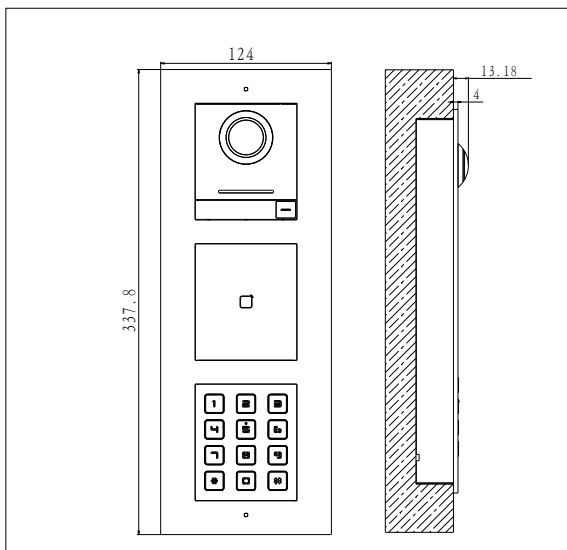

Single Module Flush Mounting

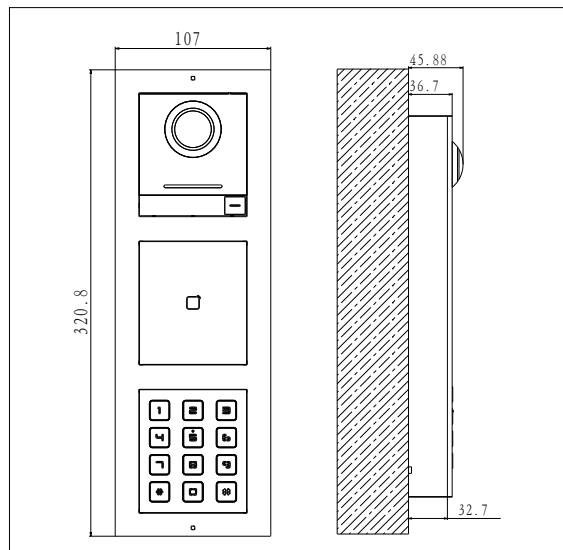Single Module Surface Mounting

Dual Modules Flush Mounting

Dual Modules Surface Mounting

Three Modules Flush Mounting

Three Modules Surface Mounting

REMARKS

REAL SECURITY, REALLY CONVENIENT
SECOND GENERATION
IP VIDEO INTERCOM SYSTEM

Quickly design your tailored video intercom solution

(Check out our selection tool)

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