CONNECTED SECURITY= REAL PEACE OF MIND

Video Intercoms

HIKVISION®

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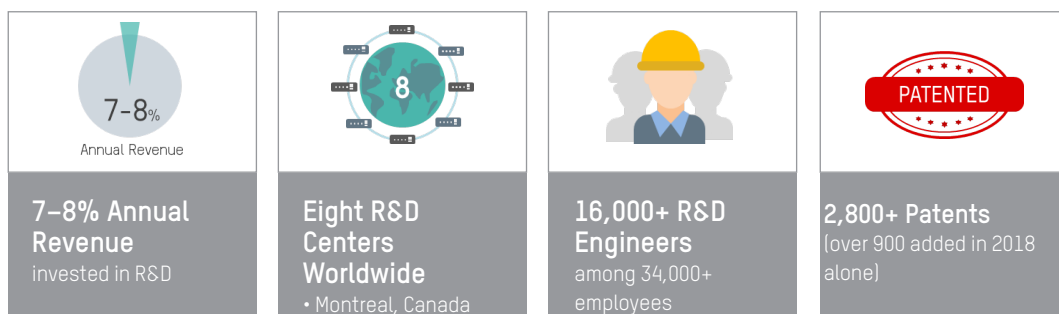
From the early digital age to today's intelligence era, we have seized every opportunity to advance the industry with our innovative technologies.

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.

7–8%
Annual Revenue

7–8% Annual Revenue
invested in R&D

8

Eight R&D Centers Worldwide
• Montreal, Canada

16,000+ R&D Engineers
among 34,000+ employees

PATENTED

2,800+ Patents
(over 900 added in 2018 alone)

HIGHLIGHTS
OF THE VIDEO INTERCOM SYSTEMS

IP Video Intercom

Excellent image quality
- Impressive full HD video quality that can be also recorded in system
- High audio quality, even on noisy streets

Easy Controls & Multiple Applications
- Common Hikvision software and mobile application for remote control
- Intercom, communication, doorbell, monitoring, door opening, network and alarm functions
- Ready for integration with Video Surveillance, Access Control and Intrusion systems

Easy Installation
- Standard or high-power PoE switches used to power the whole system **[IP Video Intercom]**
- Only two wires for data and power, still with all the benefits of IP **[2-Wire Video Intercom]**
- Uses existing wires in case of building refurbishment **[2-Wire Video Intercom]**
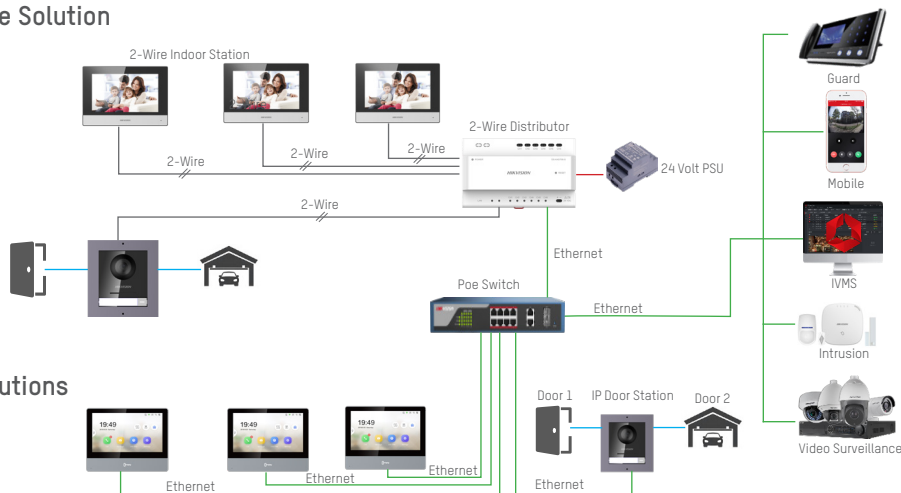- Optional wall or flush mounting installation

Flexible Combinations
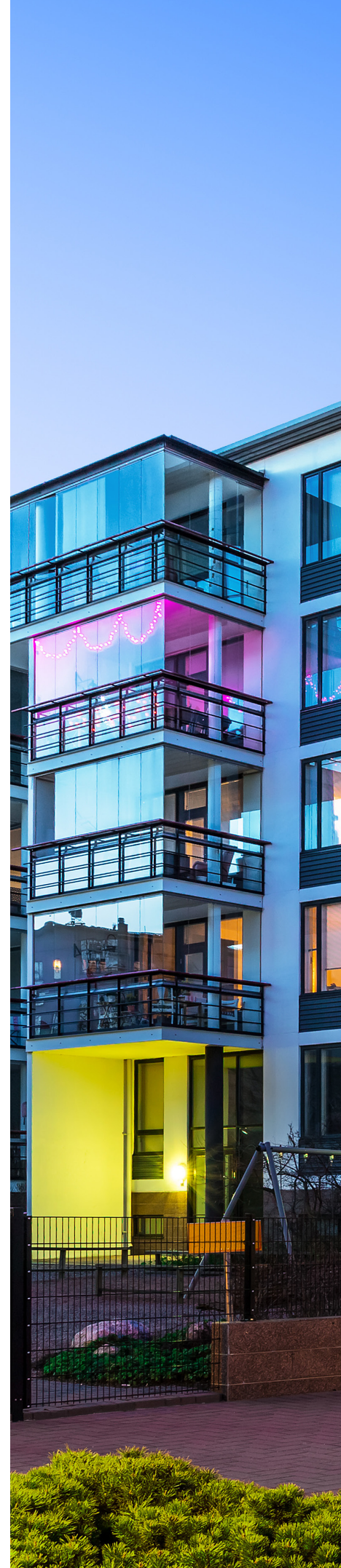- Modular flexibility to choose from
- Simplified configuration

Hybrid Convergence with IP Solution
- 2-Wire and IP technologies can be mixed within one system

2-Wire Solution

IP Solutions

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 display modules, providing an abundance of functionality to customers.

Standard PoE
(IP Version)

2 MP Camera with 180° Wide Angle and WDR

Driveway and Door Access Control

2-wire Version

Backlight function

Bigger Nametag

Sleek Designs

Extensive Modularity

INDOOR STATION

These indoor stations received great comments for their clean and simple designs and for an excellent interactive experience. The 7-inch Ultra Series Indoor Station won the Reddot Award in 2017. The indoor stations support standard PoE (IP Version), 2-wire technology, and wall-mounted installation. The wireless connectivity makes installation and configuration quick and easy.

2-wire Version

Standard PoE (IP Version)

Link with Alarm Sensors

32 GB SD Card

User-friendly Interface

Touch Screen with 1024 * 600 Resolution
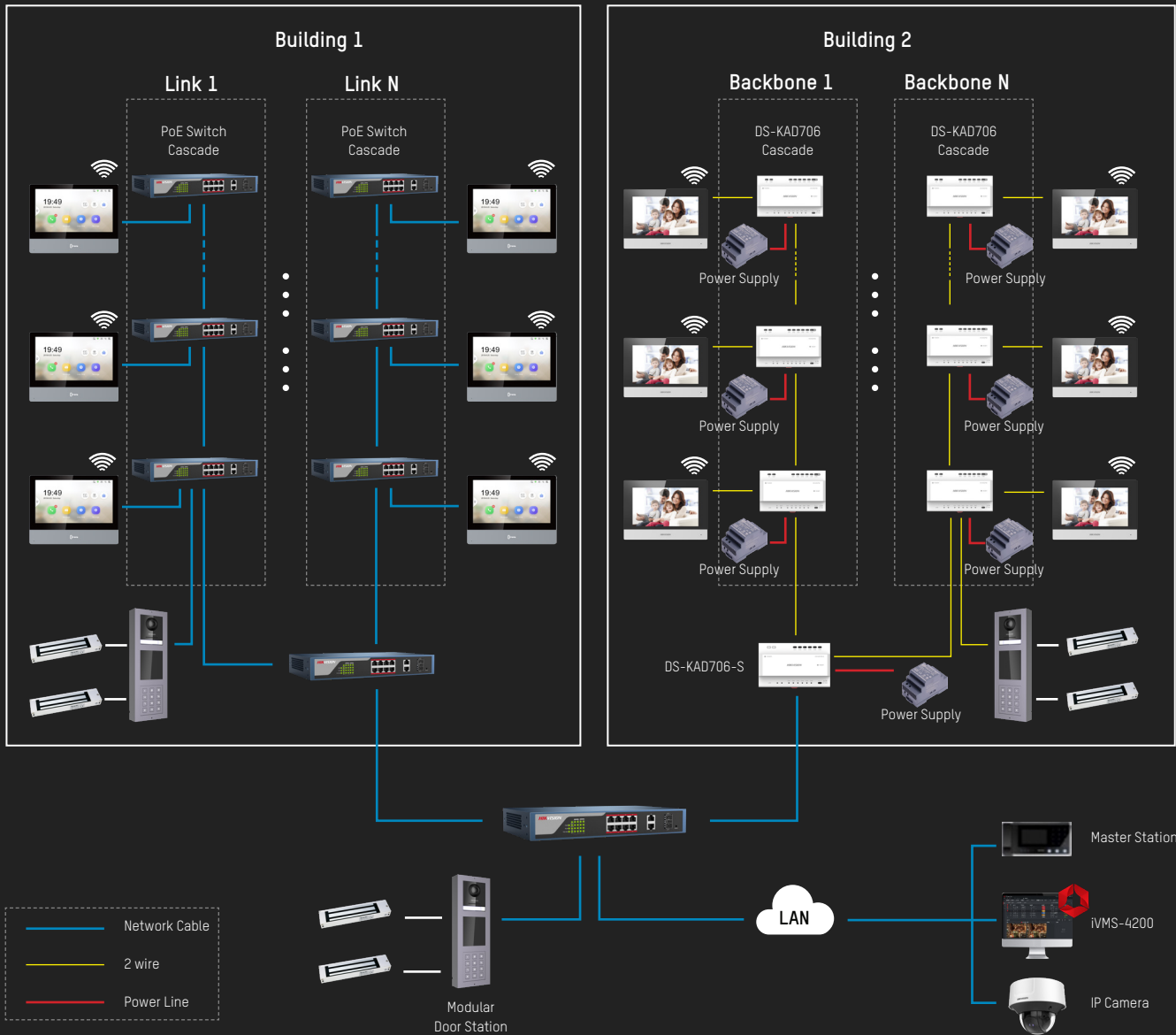
APARTMENT SOLUTION

Hikvision offers apartment solutions based on different technologies for various needs. For new apartments, IP solution based on standard PoE design is simple and convenient. For older buildings that lack proper network infrastructure, the 2-wire solution enables the re-usage of existing wiring. 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.

App

IP Solution

Building 1

Link 1	Link N
PoE Switch Cascade	PoE Switch Cascade

2-Wire Solution

Building 2

Backbone 1	Backbone N
DS-KAD706 Cascade	DS-KAD706 Cascade

Power Supply

DS-KAD706-S

Power Supply

Network Cable		
2 wire		
Power Line		

Modular Door Station

LAN

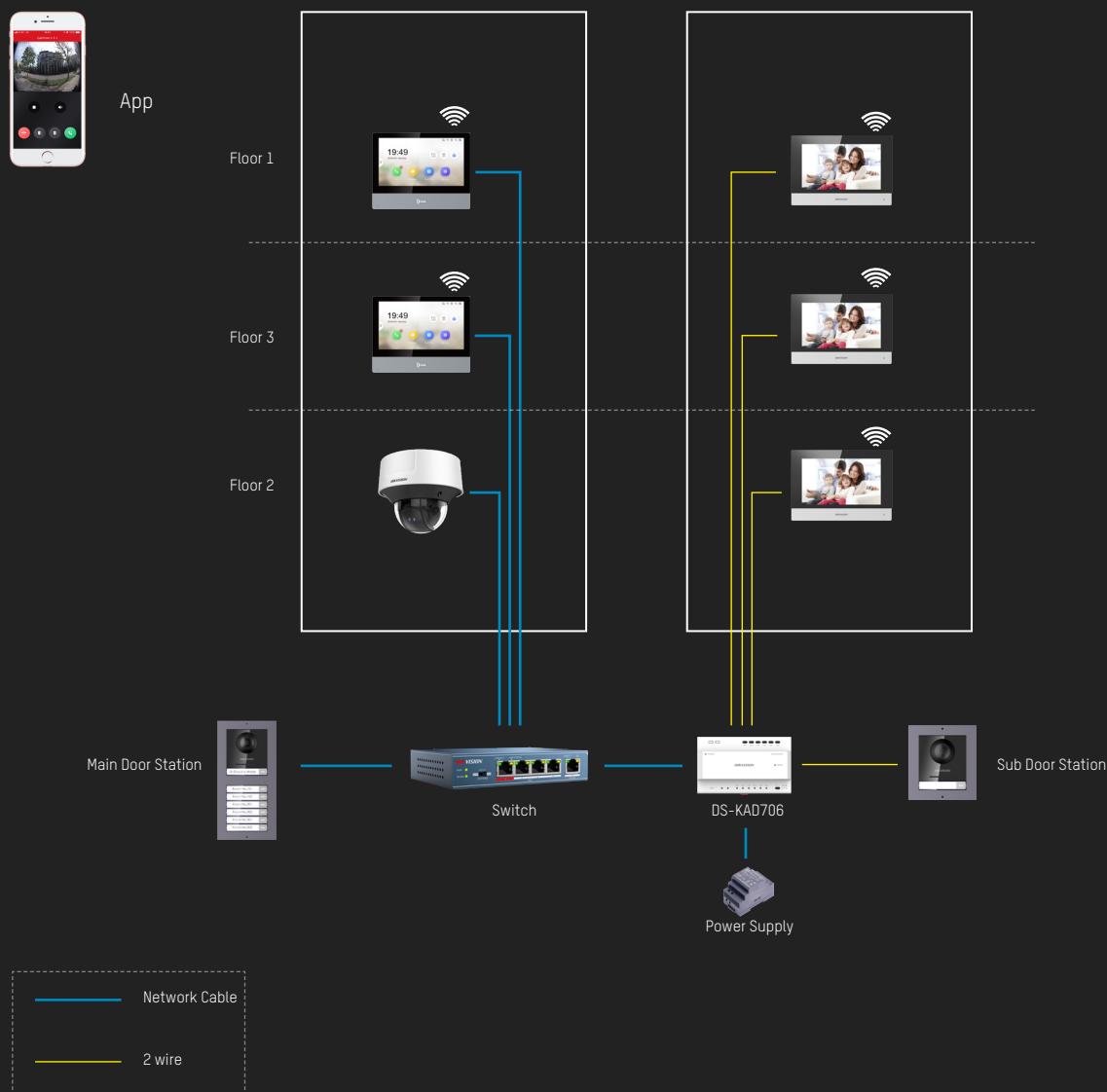Master Station

iVMS-4200

IP 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.

App

Floor 1

Floor 3

Floor 2

Main Door Station

Switch

DS-KAD706

Sub Door Station

Power Supply

——— Network Cable

——— 2 wire

EASY MANAGEMENT

Mobile Application

Hik-Connect

Key Benefits

- Control your door remotely with use of the HikConnect mobile app
- Check and play back video of visitors while away
- Manage all your house security solutions with one free service app
- Maintain and adjust basic functions using the mobile app
- Share the account with family members

Central Management Software

iVMS-4200

Key Benefits

- Free Hikvision application manages all devices
- Modular system to select application features you need
- Available modules for Video Surveillance, Intercom, Access Control, and Intrusion Detection
- Alarm notifications module for instant monitoring
- Community notifications to keep the tenants informed
- Single database manages all access control devices

PRODUCT SHOWCASE

IP Video Intercom

DS-KD8003-IME1
Main Unit

- 2 MP fisheye camera
- IR supplement
- IP65
- 12V DC or standard PoE

DS-KH6320-TE1
Pro Series Indoor Station

- 7-inch Colorful TFT LCD
- Display resolution: 1024 x 600
- 10 / 100 Mbps Ethernet
- Standard PoE (IEEE802.3af) / 12V DC
- TF card, max 32GB
- 8-ch alarm input

DS-KH6320-WTE1
Pro Series Indoor Station

- 7-inch Colorful TFT LCD
- Display resolution: 1024 x 600
- 10 / 100 Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE (IEEE802.3af) / 12V DC
- TF card, max 32GB
- 8-ch alarm input, 2 x alarm relays, 1 x 485

DS-KH8350-TE1
Ultra Series Indoor Station

- 7-inch Colorful TFT LCD
- Display resolution: 1024 x 600
- 10 / 100 Mbps Ethernet
- Standard PoE (IEEE802.3af) / 12V DC
- TF card, max 32GB
- 8-ch alarm input

DS-KH8350-WTE1
Ultra Series Indoor Station

- 7-inch Colorful TFT LCD
- Display resolution: 1024 x 600
- 10 / 100 Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE (IEEE802.3af) / 12V DC
- TF card, max 32GB
- 8-ch alarm input, 2 x alarm output, 1 x 485

DS-KH8520-WTE1
Ultra Series Indoor Station

- 10-inch Colorful TFT LCD
- Display resolution: 1024 x 600
- 10 / 100 Mbps Ethernet, Wi-Fi 802.11b/g/n
- Standard PoE (IEEE802.3af) / 12V DC
- TF card, max 32GB
- 8-ch alarm input,2 x alarm relays, 1 x 485

2-Wire Video Intercom

DS-KD8003-IME2
Main Unit

- 2MP HD Colorful Camera,
- Fish eye (Horizontal: 180°, Vertical:96°),
- IR Supplement ,
- Module connection with RS-485 ,
- 4-ch alarm input
- IP65, Two -wire interface

DS-KH6320-WTE2
Pro Series Indoor Station

- 7-inch Colorful TFT LCD,
- High display resolution: 1024 * 600;
- Wi-Fi Connection
- Two -wire interface.
- TF card, max 32G
- 8-ch alarm input, 2xalarm output

DS-KAD706
Distributor

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

DS-KAD706-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

Extension Module

DS-KD-KP
Keypad Module

- IP65
- Backlight function
- Blind spot design

DS-KD-BK
Blank Module

- IP65

DS-KD-M
MIFARE 1 Card Reader Module

- 13.56 MHz
- IP65
- Backlight function

DS-KD-KK
Nametag Module

- With 6 call buttons
- IP65
- Backlight function

DS-KD-DIS
Display Module

- 3.5-inch LCD
- IP65
- Backlight function

DS-KD-IN
Indicator Module

- IP65
- Backlight function

Installation Frame

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-ACF1 [Plastic]
Single Module Accessories

- Used for flush mounting
- Aviation aluminum

DS-KD-ACF2 [Plastic]
Dual Modules Accessories

- Used for flush mounting
- Aviation aluminum

DS-KD-ACF3 [Plastic]
Three Modules Accessories

- Used for flush mounting
- Aviation aluminum

TRANSMISSION DISTANCE

When Modular Door Station and Indoor Stations are powered by a standardalone power supply, the power line cable distance is:			
Cable specification	18 AWG	20 AWG	24 AWG
DS-KH8350 series	50 m	30 m	15 m
DS-KH8520WTE1 series	50 m	30 m	15 m
DS-KH6320 series	50 m	30 m	15 m
1 main unit + 8 extension modules	35 m	25 m	8 m

*Note: The data transmission distance between Modular Door Station and switch, as well as between Indoor Stations, is 100 m. This result is for reference only, actual distance may vary.

| When Modular Door Station and Indoor Station are powered by standard PoE switch, the transmission distance is:			
Cable specification	1LN5EU-G/CCA	1LN5E-S	1LN6-UU
DS-KH8350 series	100 m	100 m	100 m
DS-KH8520WTE1 series	100 m	100 m	100 m
DS-KH6320 series	100 m	100 m	100 m
1 main unit + 8 extension modules	60 m	80 m	100 m

*Note: The above data are obtained by tests using Hikvision Cable and under the situation of one Door Station and one Indoor Station. This result is for reference only, actual distance may vary.

| **Long Transmission Distance**				
Cable specification	24 AWG (0.2 mm²) Twisted pair wire	20 AWG (0.5 mm²) Twisted pair wire	18 AWG (0.8 mm²) Twisted pair wire	24 AWG (0.2 mm²) and above Parallel wire
DS-KAD706 / **DS-KAD706 -S**	≤ 60 m	≤ 60 m	≤ 60 m	≤ 35 m
DS-KAD706 -S / **DS-KAD706 -S**	≤ 60 m	≤ 60 m	≤ 60 m	≤ 35 m
DS-KAD706 / **DS-KD8003-IME2**	≤ 35 m	≤ 60 m	≤ 60 m	≤ 35 m
DS-KAD706 / **DS-KH6320-WTE2**	≤ 35 m	≤ 60 m	≤ 60 m	≤ 35 m

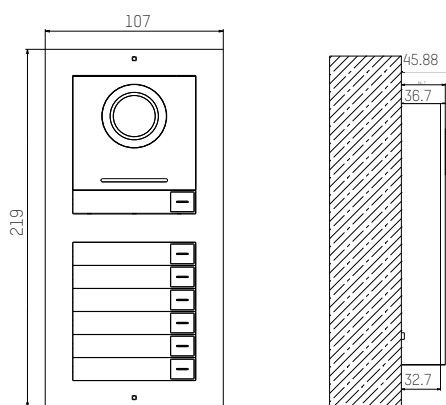# DIMENSIONAL REFERENCE FOR INSTALLATION
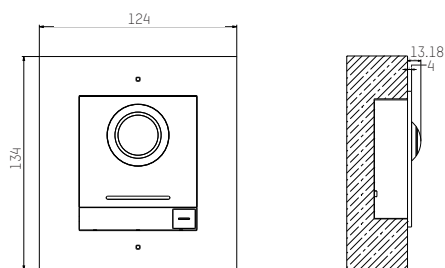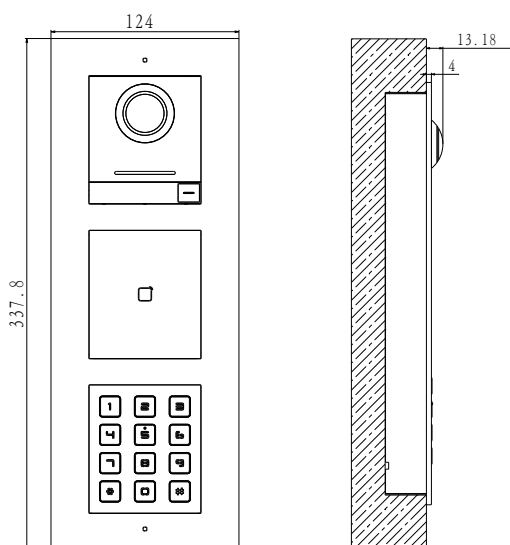
Single Module Flush Mounting
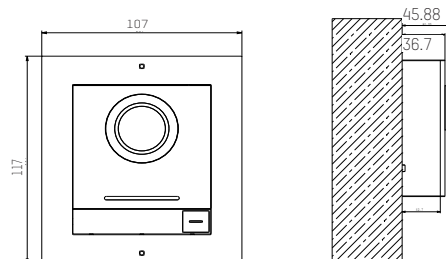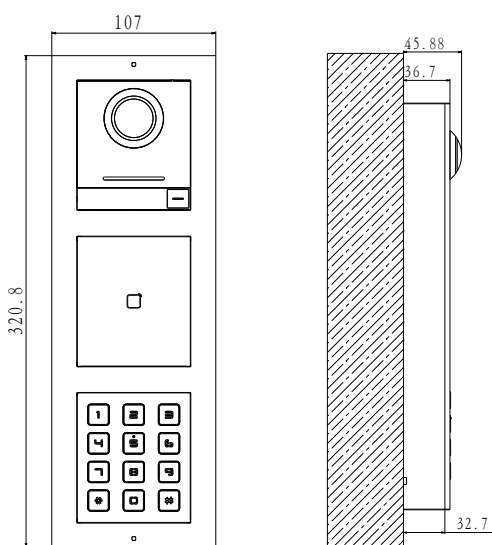
Single Module Surface Mounting
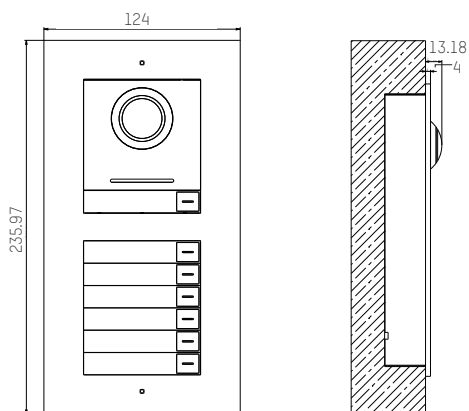
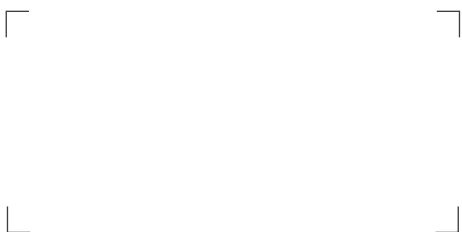Dual Modules Flush Mounting

Dual Modules Surface Mounting

Three Modules Flush Mounting

Three Modules Surface Mounting

CONNECTED SECURITY =
REAL PEACE OF MIND

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