

PRODUCT QUICK GUIDE

# ACCESS CONTROL VIDEO INTERCOM AND SECURITY ALARM

2020 H1



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# VIDEO INTERCOM

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# Video Intercom

## IP Series

### Real Security Really Convenient

This technologically advanced Visual Intercom System from Hikvision makes communication more personal, more pleasant, and more intuitive than ever before.

#### > Excellent Image Quality

- Fisheye camera, 2 MP, WDR, Night Vision

#### > Easy Controls & Multiple Applications

- Mobile control / Access control / Elevator control / Dual lock control
- Public password / Duress password / Message / Do not disturb / Custom ringtone / Advertisement displaying
- Various verification methods: Face/fingerprint/Card/PIN
- Flexible Combinations
- Expansion-ready with various modules

- Multiple installation frames

#### > Elegant Utilitarian Design

- Designed for accessibility
- Reddot Award Winner (indoor station)
- Artistic industrial design

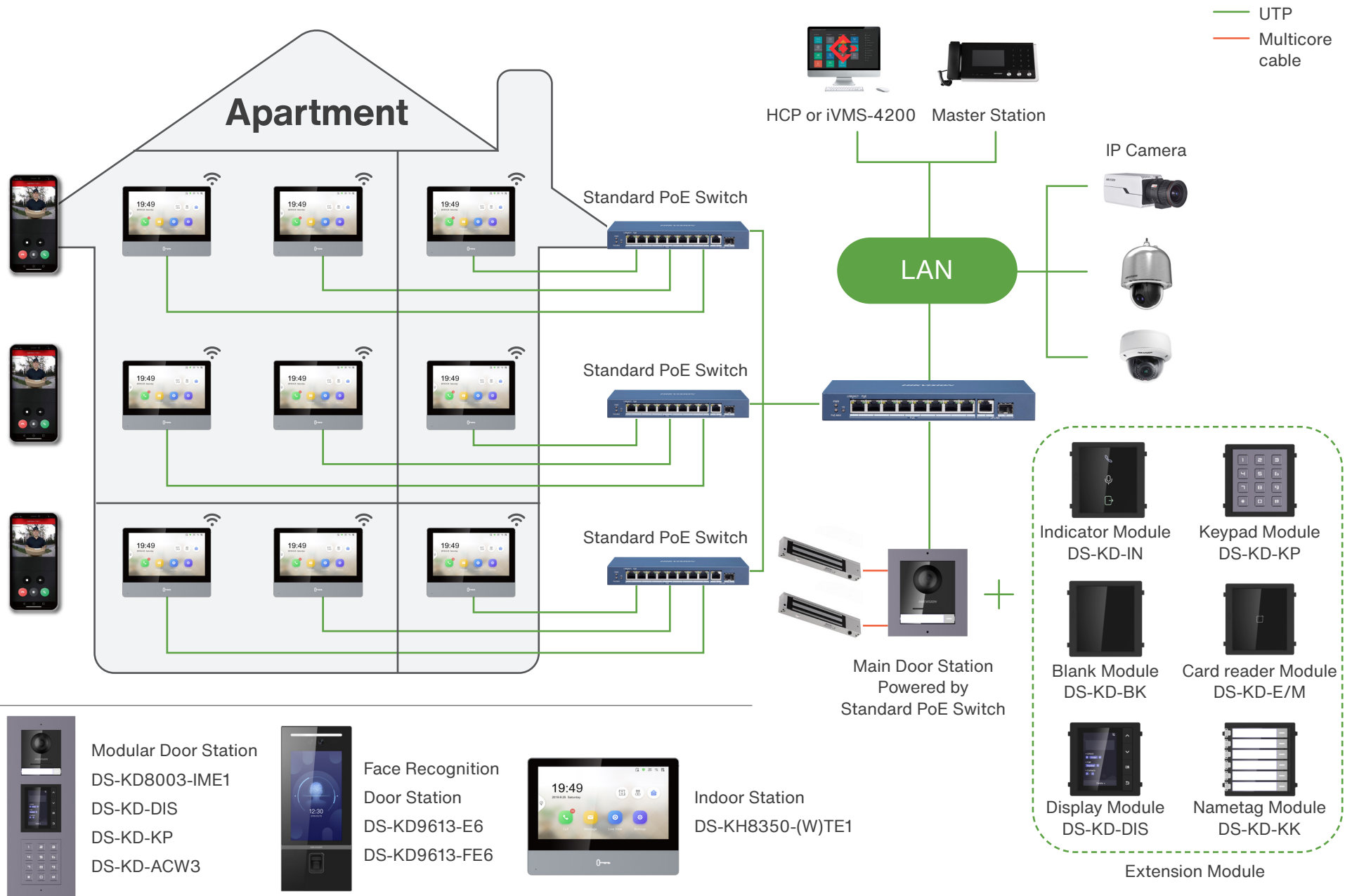
#### > CCTV Integration

- All-in-one client management
- Video recording to DVRs / NVRs
- IP camera monitoring



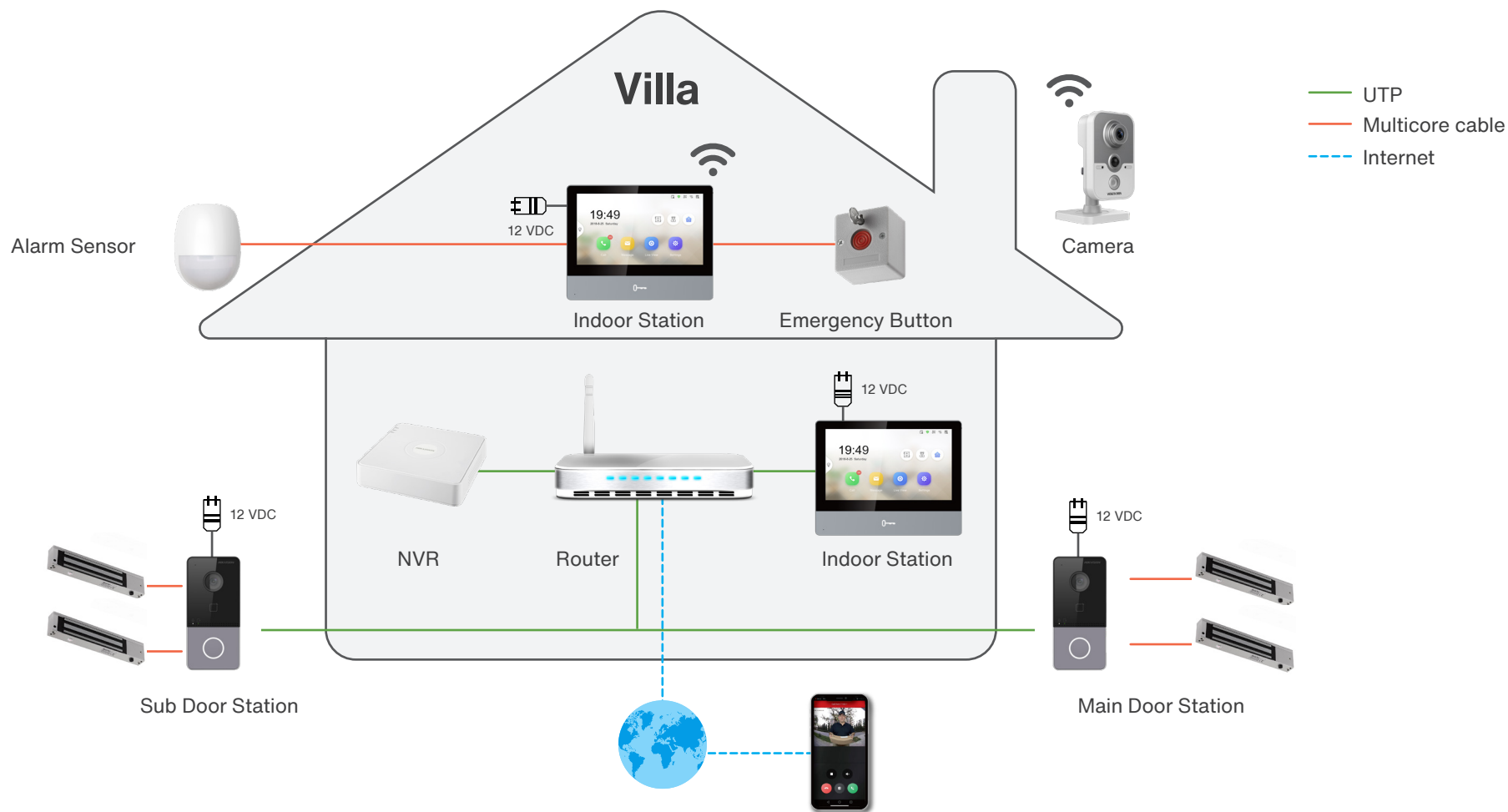
# IP Series

## IP Series Video Intercom - Apartment Solution



# IP Series

## IP Series Video Intercom - Villa Solution







Door Station  
KV6113-WME1






Indoor Station  
DS-KH8350-(W)TE1

## Indoor Station

Model	DS-KH8350-TE1	DS-KH8350-WTE1	DS-KH8520-WTE1	DS-KH6320-TE1	DS-KH6320-WTE1
Image	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px 5px; display: inline-block;">Indoor Station</span>	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px 5px; display: inline-block;">Indoor Station</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">HOT</span>	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px 5px; display: inline-block;">Indoor Station</span>	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px 5px; display: inline-block;">Indoor Station</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">HOT</span>	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px 5px; display: inline-block;">Indoor Station</span> <span style="background-color: yellow; border: 1px solid black; padding: 2px;">HOT</span>
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Display Screen	7-inch colorful IPS LCD	7-inch colorful IPS LCD	10.1-inch colorful TFT LCD	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD
Display Resolution	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600
Operation Method	Capacitive Touch Screen, Physical Button	Capacitive Touch Screen, Physical Button	Capacitive Touch Screen, Physical Button	Capacitive Touch Screen, Physical Button	Capacitive Touch Screen, Physical Button
Operation Interface	New UI V2.0: User Friendly Design	New UI V2.0: User Friendly Design	New UI V2.0: User Friendly Design	New UI V2.0: User Friendly Design	New UI V2.0: User Friendly Design
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U	G.711 U	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps	64 Kbps	64 Kbps	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
Ethernet	10/100 Mbps Self-adaptive Network	10/100 Mbps Self-adaptive Network	10/100 Mbps Self-adaptive Network	10/100 Mbps Self-adaptive Network	10/100 Mbps Self-adaptive Network
Network Protocol	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP
Alarm Input	8-ch Alarm Inputs	8-ch Alarm Inputs	8-ch Alarm Inputs	8-ch Alarm Inputs	8-ch Alarm Inputs
Network Interface	1 RJ-45 10/100 Mbps Self-adaptive	1 RJ-45 10/100 Mbps Self-adaptive	1 RJ-45 10/100 Mbps Self-adaptive	1 RJ-45 10/100 Mbps Self-adaptive	1 RJ-45 10/100 Mbps Self-adaptive
RS-485	Supported	Supported	Supported	-	1
I/O Output	2	2	2	-	2
TF Card (Micro SD Card)	Max to 32G, SD 2.0 or Lower Version	Max to 32G, SD 2.0 or Lower Version	Max to 32G, SD 2.0 or Lower Version	Max to 32G, SD 2.0 or Lower Version	Max to 32G, SD 2.0 or Lower Version
Power Supply	12 VDC / PoE( IEEE 802.3af)	12 VDC / PoE( IEEE 802.3af)	12 VDC / PoE( IEEE 802.3af)	12 VDC / PoE( IEEE 802.3af)	12 VDC / PoE( IEEE 802.3af)
Power Consumption	≤ 7 W	≤ 7 W	≤ 6W	≤ 6 W	≤ 6 W
Working Temperature	-10°C to +55°C (14°F to 122°F)	-10°C to +55°C (14°F to 122°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimensions (L × W × H)	180 mm × 140 mm × 22.4 mm (7.09" × 5.51" × 0.88")	180 mm × 140 mm × 22.4 mm (7.09" × 5.51" × 0.88")	254 mm × 166 mm × 14.7 mm (10.0" × 6.5" × 0.58")	200 mm × 140 mm × 15.1 mm (7.9" × 5.5" × 0.6")	200 mm × 140 mm × 15.1 mm (7.9" × 5.5" × 0.6")
Certification	FCC, CE, C-TICK, ROHS, REACH, WEEE, UL, CB, RCM	FCC, CE, C-TICK, ROHS, REACH, WEEE, UL, CB, RCM	FCC, CE, C-TICK, ROHS, REACH, WEEE, UL, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM









## Apartment Door Station

Model	DS-KD8102-V	DS-KD8002-VM	DS-KD3002-VM
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; color: red;">Door Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; color: red;">Door Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; color: red;">Door Station</span>
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera
Video Compression Standard	H.264	H.264	H.264
Resolution	1280 × 720	1280 × 720	1280 × 720
Video Frame Rate	PAL: 25 fps, NTSC: 30 fps	PAL: 25 fps, NTSC: 30 fps	PAL: 25 fps, NTSC: 30 fps
Display Screen	3.5-Inch Colorful TFT LCD	3.5-Inch Colorful TFT LCD	3.5-Inch Colorful TFT LCD
Display Resolution	480 × 320	480 × 320	480 × 320
Operation Method	Capacitive Touch Keypad	Physical Keypad	Physical Keypad
Operation Interface	LCD Display, Easy Menu	LCD Display, Easy Menu	LCD Display, Easy Menu
Audio Output	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
Internal Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader
External Card Reader	Wiegand 26, Wiegand 34, or RS-485 IC Reader	Wiegand 26, Wiegand 34, or RS-485 IC Reader	Wiegand 26, Wiegand 34, or RS-485 IC Reader
Door Magnetic Detection	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status
Light Supplement Mode	Visible Light Supplement	Visible Light Supplement	Visible Light Supplement
Ethernet	10/100/1000 Mbps Self-adaptive Ethernet	10/100/1000 Mbps Self-adaptive Ethernet	10/100/1000 Mbps Self-adaptive Ethernet
Network Protocol	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP
Alarm Input	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm
Network Interface	1 RJ-45 10/100/1000 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100/1000 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100/1000 Mbps Self-adaptive Ethernet Interface
RS-485	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
I/O Input	4	4	4
I/O Output	2 (Reserved)	2 (Reserved)	2 (Reserved)
Wiegand	1 Wiegand Port for Accessing Wiegand Card Reader	1 Wiegand Port for Accessing Wiegand Card Reader	1 Wiegand Port for Accessing Wiegand Card Reader
USB	1 USB 2.0 for updating, Supporting U-Disk	1 USB 2.0 for updating, Supporting U-Disk	1 USB 2.0 for updating, Supporting U-Disk
Material	Plastic	Aluminum Alloy	Aluminum Alloy
Power Supply	12 VDC	12 VDC	12 VDC
Power Consumption	≤15 W	≤15 W	≤15 W
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%
IP Protection Level	IP65	IP65	IP65
Dimensions (L × W × H)	418 mm × 145 mm × 61 mm (16.5" × 5.7" × 2.4")	418 mm × 145 mm × 61 mm (16.5" × 5.7" × 2.4")	357 mm × 124 mm × 55 mm (14.1" × 4.9" × 2.2")
Certification	FCC, CE, C-TICK, ROHS, REACH, WEEE	FCC, CE, C-TICK, ROHS, REACH, WEEE	FCC, CE, C-TICK, CB, ROHS, REACH, WEEE, UL

## Modular Door Station


Model	DS-KD8003-IME1	DS-KD-IN
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; color: red;">Module Door Station-Main Unit</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; color: red;">Module Door Station-Indicator Module</span>
Processor	Embedded MCU Processor	Embedded MCU Processor
Operation System	Embedded Linux Operation System	-
Camera	Low Illumination 2 MP HD IR Camera	-
Video Compression Standard	H.264	-
Resolution	Main Stream: 1920 × 1080 Sub Stream: 720 × 480	-
Operation Method	Physical Button	-
Audio Output	Built-in Omnidirectional Microphone	-
Audio Output	Built-in Loudspeaker(More than 85 dB within 20 cm)	-
Audio Compression Standard	G.711 U	-
Audio Compression Rate	64 Kbps	-
Audio Quality	Noise Suppression and Echo Cancellation	-
Internal Card Reader	-	-
Light Supplement Mode	IR Supplement	-
Ethernet	10/100 Mbps Self-adaptive Ethernet	-
Network Protocol	TCP/IP, RTSP	-
Network Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	-
I/O Input	4	-
Relay Output	12 VDC/PoE (IEEE 802.3af)	12 VDC (Powered by the other module)
Power Consumption	≤10 W	≤2 W
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 95%	10% to 95%
IP Protection Level	IP65	IP65
Dimensions (L × W × H)	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")
Certification	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM

Model	DS-KD-DIS	DS-KD-INFO	DS-KD-KK	DS-KD-KP	DS-KD-M/E	DS-KD-BK
Image	 <span style="color: yellow;">HOT</span> Modular Door Station -Display Module	 <span style="color: yellow;">HOT</span> Modular Door Station -Info Module	 <span style="color: yellow;">HOT</span> Module Door Station -Nametag Module	 <span style="color: yellow;">HOT</span> Module Door Station -Keypad Module	 <span style="color: yellow;">HOT</span> Module Door Station -Card Reader Module	 <span style="color: yellow;">HOT</span> Module Door Station -Blank Module
Processor	Embedded MCU Processor	Modular Door Station	Embedded MCU Processor	Embedded MCU Processor	Embedded MCU Processor	-
Operation System	-	-	-	-	-	-
Camera	-	-	-	-	-	-
Video Compression Standard	-	-	-	-	-	-
Resolution	-	-	-	-	-	-
Operation Method	-	-	Physical Button with 4 Button Covers Included	Physical Keypad	-	-
Audio Output	-	-	-	-	-	-
Audio Output	-	-	-	-	-	-
Audio Compression Standard	-	-	-	-	-	-
Audio Compression Rate	-	-	-	-	-	-
Audio Quality	-	-	-	-	-	-
Internal Card Reader	-	-	-	-	Built-in IC Card Reader	-
Light Supplement Mode	-	-	-	-	-	-
Ethernet	-	-	-	-	-	-
Network Protocol	-	-	-	-	-	-
Network Interface	-	-	-	-	-	-
I/O Input	-	-	-	-	-	-
Relay Output	12 VDC (Powered by the other module)	12 VDC (Powered by the other module)	12 VDC (Powered by the other module)	12 VDC (Powered by the other module)	12 VDC (Powered by the other module)	-
Power Consumption	≤2 W	≤2 W	≤2 W	≤2 W	≤2 W	-
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-
Working Humidity	10% to 95%	10% to 95%	10% to 95%	10% to 95%	10% to 95%	-
IP Protection Level	IP65	IP65	IP65	IP65	IP65	-
Dimensions(L × W × H)	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")	-
Certification	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM


Model	DS-KV8102-IM	DS-KV8202-IM	DS-KV8402-IM	DS-KV8102-IP	DS-KV8102-VP
Image	 Villa Door Station	 Villa Door Station	 Villa Door Station	 Villa Door Station	 Villa Door Station
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera
Video Compression Standard	H.264	H.264	H.264	H.264	H.264
Resolution	1280 × 720	1280 × 720	1280 × 720	1280 × 720	1280 × 720
Video Frame Rate	25 fps	25 fps	25 fps	25 fps	25 fps
Audio Output	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	6.711 U	6.711 U	6.711 U	6.711 U	6.711 U
Audio Compression Rate	64 Kbps	64 Kbps	64 Kbps	64 Kbps	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
Internal Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader
Door Magnetic Detection	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status
Light Supplement Mode	IR Supplement	IR Supplement	IR Supplement	IR Supplement	Visible Light Supplement
Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet
Network Protocol	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP
Alarm Input	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm
Network Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface
RS-485	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
I/O Input	4	4	4	4	4
I/O Output	1	1	1	1	1
Material	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Plastic	Plastic
Power Supply	12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)	12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)	12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)	12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)	12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)
Power Consumption	≤12 W	≤12 W	≤12 W	≤12 W	≤12 W
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
IP protection level	IP65	IP65	IP65	IP65	IP65
Dimensions(L × W × H)	182 mm × 100 mm × 33 mm (7.17" × 3.94" × 1.30")	182 mm × 100 mm × 33 mm (7.17" × 3.94" × 1.30")	182 mm × 100 mm × 33 mm (7.17" × 3.94" × 1.30")	164 mm × 97 mm × 54.4 mm (6.46" × 3.82" × 2.14")	164 mm × 97 mm × 54.4 mm (6.46" × 3.82" × 2.14")
Certification	FCC,CE, C-TICK, ROHS, REACH, WEEE, UL	FCC,CE, C-TICK, ROHS, REACH, WEEE, UL	FCC,CE, C-TICK, ROHS, REACH, WEEE, UL	FCC,CE, C-TICK, ROHS, REACH, WEEE, UL	FCC,CE, C-TICK, ROHS, REACH, WEEE, UL

Model	DS-KV6113-PE1	DS-KV6113-WPE1	DS-KV8113-WME1	DS-KV8213-WME1	DS-KV8413-WME1
Image	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>
	Villa Door Station	Villa Door Station	Villa Door Station	Villa Door Station	Villa Door Station
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	CMOS Low Illumination 2MP HD Colorful Camera	CMOS Low Illumination 2MP HD Colorful Camera	CMOS Low Illumination 2MP HD Colorful Camera	CMOS Low Illumination 2MP HD Colorful Camera	CMOS Low Illumination 2MP HD Colorful Camera
Video Compression Standard	H.264	H.264	H.264	H.264	H.264
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Frame Rate	25 fps	25 fps	25 fps	25 fps	25 fps
Audio Output	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U	G.711 U	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps	64 Kbps	64 Kbps	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
Internal Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader
Door Magnetic Detection	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status
Light Supplement Mode	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement
Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet
Network Protocol	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP
Alarm Input	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm
Network Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface Wi-Fi 802.11b/g/n	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface Wi-Fi 802.11b/g/n	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface Wi-Fi 802.11b/g/n	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface Wi-Fi 802.11b/g/n
RS-485	—	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
I/O Input	4	4	4	4	4
I/O Output	1	1	2	2	2
Material	Plastic	Plastic	Metal	Metal	Metal
Power Supply	12 VDC / Standard PoE	12 VDC / Standard PoE	12 VDC / Standard PoE	12 VDC / Standard PoE	12 VDC / Standard PoE
Power Consumption	≤12 W	≤12 W	≤12 W	≤12 W	≤12 W
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +53°C (-40°F to 127.4°F)	-40°C to +53°C (-40°F to 127.4°F)	-40°C to +53°C (-40°F to 127.4°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
IP protection level	IP65	IP65	IP65	IP65	IP65
Dimensions(L × W × H)	138 mm × 65 mm × 27 mm (5.43" × 2.56" × 1.06")	—	174 mm × 91 mm × 29 mm (6.85" × 3.58" × 1.14")	174 mm × 91 mm × 29 mm (6.85" × 3.58" × 1.14")	174 mm × 91 mm × 29 mm (6.85" × 3.58" × 1.14")
Certification	FCC,CE,CB,RCM,IC,ROHS,REACH&WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACH&WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACH&WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACH&WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACH&WEEE,UL

## Vandal-resistant Door Station

Model	DS-KB8112-IM
Image	 <p style="text-align: right; color: yellow; font-weight: bold;">HOT</p> <p style="text-align: center; border: 1px solid red; border-radius: 10px; display: inline-block; padding: 2px;">Vandal-Resistant Door Station</p>
Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System
Camera	1/3" Progressive Scan CMOS, Color, Day/Night, Low Illumination, Pinhole, f3.47mm, F2.5, 80°(Horizontal), 44°(Vertical)
Video Compression Standard	H.264
Resolution	Main Stream: 1280 × 720 Sub-Stream: 640 × 480
Video Frame Rate	PAL: 25 fps, NTSC: 30 fps
Audio Output	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker
Audio Compression Standard	G.711 U
Audio Compression Rate	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation
Internal Card Reader	-
Door Magnetic Detection	Detects Door Magnetic Status
Light Supplement Mode	IR Supplement
Ethernet	10/100 Mbps Self-adaptive Ethernet
Network Protocol	TCP/IP, RTSP
Alarm Input	Door Magnetic Alarm
Network Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface
RS-485	-
I/O Input	1
I/O Output	1 Relay Output
Material	Wall Mounting Shield: Zinc Alloy Front Panel: Zinc Alloy Rear Panel: Aluminum Alloy Wall Mounting Plate: Secc
Power Supply	Standard PoE (Power over Ethernet)
Power Consumption	≤12 W
Working Temperature	-30°C to +50°C (-22°F to 122°F)
Working Humidity	10% to 90%
IP/IK Protection Level	IP66 / IK9
Dimensions (L×W×H)	161.9 mm × 74.1 mm × 53.2 mm (6.37" × 2.92" × 2.09")
Certification	ROHS, REACH, WEEE, GOST, CE, FCC, UL

## Master Station

Model	DS-KM8301
Image	 <p style="text-align: center; border: 1px solid red; border-radius: 10px; display: inline-block; padding: 2px;">Master Station</p>
Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System
Camera	CMOS 0.3 MP
Video Compression Standard	H.264
Resolution	1280*720 704*576
Video Frame Rate	25 fps, 12.5 fps
Display Screen	7-Inch Colorful TFT LCD
Display Resolution	1024 × 600
Operation Method	Capacitive Touch Screen, Touch Key, Physical Button
Audio Output	Built-in Omnidirectional Microphone + External Handset
Audio Output	Built-in Loudspeaker + External Handset
Audio Compression Standard	G.711 U
Audio Compression Rate	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation
Ethernet	10/100/1000 Mbps Self-adaptive Ethernet
Network Protocol	TCP/IP, RTSP
Network Interface	1 RJ-45 10/100/1000 Mbps Self-adaptive Ethernet Interface
RS-485	-
I/O Input	2 RS-485 Half-Duplex Port
I/O Output	4 On-Off Input
USB	1 USB Interface for Inserting U-Disk
Material	Plastic
Power Supply	12 VDC
Power Consumption	≤10 W
Working Temperature	-10°C to +55°C (14°F to 131°F)
Working Humidity	10% to 90%
Dimensions(L × W × H)	436 mm × 215 mm × 67 mm (17.2" × 8.5" × 2.6")
Certification	CE, FCC, CE, C-TICK

## Video Intercom

### 2-wire Series

Real Security Really Convenient

Hikvision 2-wire Video Intercom system includes both indoor and outdoor video intercom stations powered by a distributor that only needs 2-wires for power, audio, video and control signal transmission. This gives you a great advantage when you're upgrading an old intercom system. With fewer wires required, you can simply reuse the existing wirings. Installation becomes easy, fast, and cost-effective. These advanced features come together to bring vivid video images and clear audio transmissions.

#### > Excellent Image Quality

- Fisheye camera, 2 MP, WDR, Night Vision

#### > Easy Controls & Multiple Applications

- Mobile control / Access control / Dual lock control
- Public password / Duress password / Message / Do not disturb / Custom ringtone

#### > Easy Installation

- Can work with existing wiring

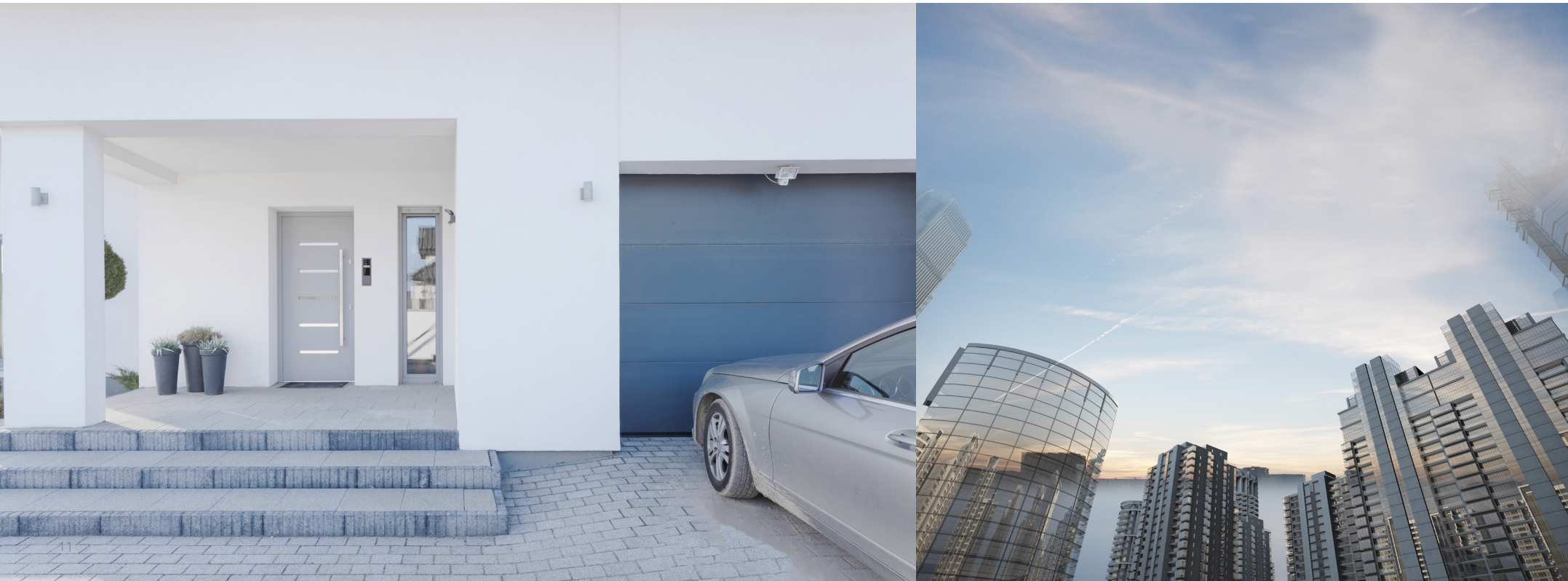
- Long-distance transmission

#### > User Friendly Design

- Touch screen, call-log status, image capture
- Expansion-ready with various modules

#### > CCTV Integration

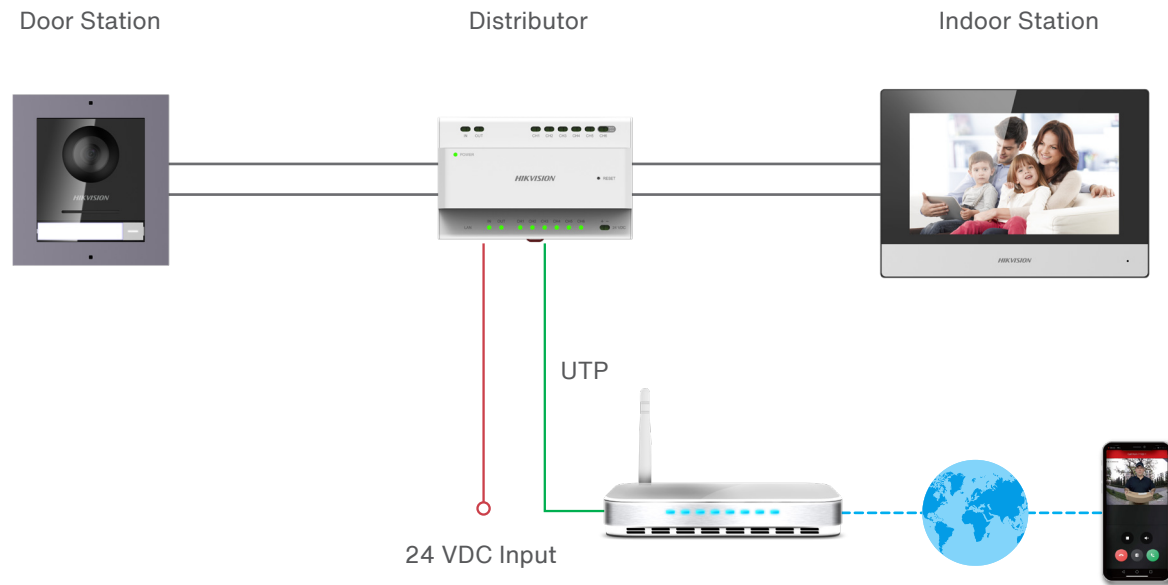
- All-in-one client management
- Video recording to DVRs / NVRs
- IP camera monitoring



# 2-wire Series

## 2-wire IP Series Video Intercom - Villa Solution

Audio & Video Signal, Power Supply, and Control Signal  
**All transmitted over  
2-wire cable**



Door Station  
DS-KD8003-IME2/Surface



Indoor Station  
DS-KH6320-WTE2



Distributor  
DS-KAD706







Main Unit  
DS-KD8003-IME2



Keypad Module  
DS-KD-KP



Blank Module  
DS-KD-BK



Information Module  
DS-KD-INFO



Card reader Module  
DS-KD-E/M



Nametag Module  
DS-KD-KK



Display Module  
DS-KD-DIS



Indicator Module  
DS-KD-IN



Indoor Station  
DS-KH6320-WTE2



Distributor  
DS-KAD706



Distributor  
DS-KAD706-S


### Door Station

Model	DS-KD8003-IME2
Image	 <p>2-wire Modular Door Station-Main Unit</p>
Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System
Camera	CMOS Low Illumination 2 MP HD Colorful 180° Fisheye Camera
Video Compression Standard	H.264
Resolution	1920 × 1080
Audio Input	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker
Audio Compression Standard	G.711 U
Audio Compression Rate	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation
Door Magnetic Detection	Detects Door Magnetic Status
Light Supplement Mode	IR Supplement
Alarm Input	Door Magnetic Alarm, Tampering Alarm
2-Wire Interface	Support
RS-485	1 RS-485 Half-Duplex Port
I/O Input	4
Relay	2(30V, 1A)
Material	—
Power Supply	24 VDC, Power over 2-wire cable (DS-KAD706)
Power Consumption	≤16 W
Working Temperature	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 95%
IP Protection Level	IP65
Dimensions(L × W × H)	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")

### Distributor

Model	DS-KAD706	DS-KAD706-S
Image	 <p>2-wire Video/Audio Distributor</p>	 <p>2-wire Video/Audio Distributor</p>
Ethernet	10/100M Interface	10/100M Interface
2-Wire Interface	6-ch 2-wire Interface	6-ch 2-wire Interface for Data Exchanging
Power Supply	24 VDC	24 VDC
Power Consumption	< 9W	< 7W
Working Temperature	10°C to +50°C (14°F to 122°F)	10°C to +50°C (14°F to 122°F)
Working Humidity	10% to 90%, No Condensation	10% to 90%, No Condensation
Dimensions(L × W × H)	—	—

### Indoor Station

Model	DS-KH6320-WTE2
Image	 <p>2-wire Indoor Station</p>
Processor	High-Performance Embedded SOC Processor
Display Screen	7-Inch Colorful TFT LCD
Display Resolution	1024 × 600
Operation Method	Capacitive Touch Screen
Video Compression Standard	H.264
Audio Input	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker
Audio Quality	Noise Suppression and Echo Cancellation
2-Wire Interface	2-wire Interface
RS-485	1 RS-485 Half-Duplex Port
I/O Output	2 Relay Output
Power Supply	24 VDC, Power over 2-wire cable (DS-KAD706)
Power Consumption	≤6 W
Working Temperature	-10°C to +50°C (-14°F to 122°F)
Working Humidity	10% to 90%
Dimensions (L × W × H)	200 mm × 140 mm × 15.1 mm (7.87" × 5.51" × 0.59")

Video Intercom

## Analog Series

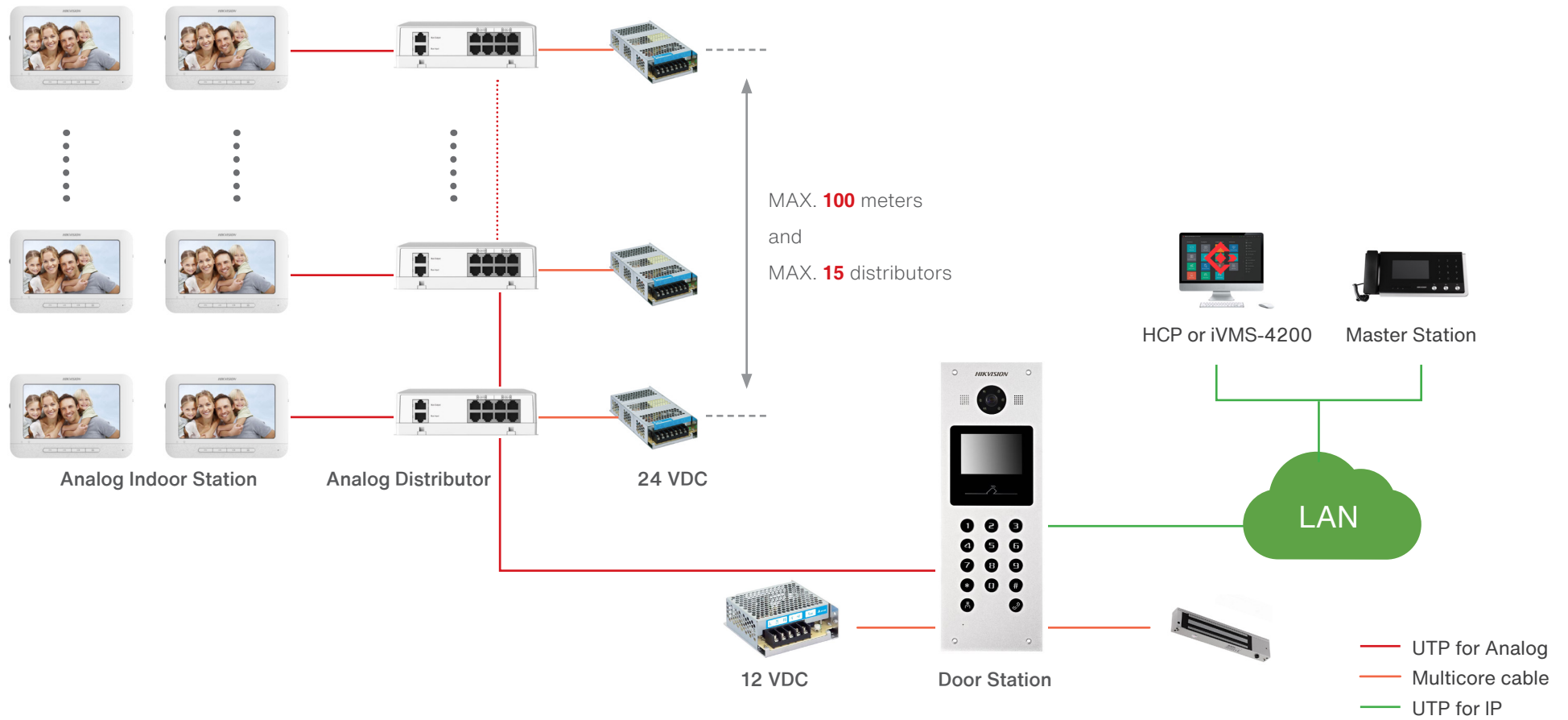
An Economical Choice for Intercom

Hikvision Analog Indoor Stations are more budget-friendly compared to the IP indoor stations. It is the ideal solution for limited-budget apartment intercom system.

- › Plug & Play
- › HD camera for video intercom and security
- › Competitive pricing
- › Easy wiring with just one cable / network cable



# Analog Series



Door Station  
DS-KD3002-VM/Analog



Indoor Station  
DS-KH3200-L




Distributor  
DS-KAD308


### Apartment Door Station

### Distributor

### Inoor Station

Model	DS-KD3002-VM/Analog
Image	 <b>Analog Apartment Door Station</b>
Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System
Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera
Video Compression Standard	H.264
Resolution	1280 × 720
Video Frame Rate	PAL: 25 fps, NTSC: 30 fps
Display Screen	3.5-Inch Colorful TFT LCD
Display Resolution	480 × 320
Operation Method	Physical Keypad
Operation Interface	LCD Display, Easy Menu
Audio Output	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker
Audio Compression Standard	G.711 U
Audio Compression Rate	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation
Internal Card Reader	Built-in IC Card Reader
External Card Reader	Wiegand 26, Wiegand 34, or RS-485 IC Reader
Door Magnetic Detection	Detects Door Magnetic Status
Light Supplement Mode	Visible Light Supplement
Ethernet	10 / 100 / 1000 Mbps Self-adaptive Ethernet
Network Protocol	TCP/IP, RTPSP
Alarm Input	Door Magnetic Alarm, Tampering Alarm
Network Interface	1 RJ-45 10 / 100 / 1000 Mbps Self-adaptive Ethernet Interface
RS-485	1 RS-485 Half-Duplex Port
I/O Input	4
I/O Output	2
Wiegand	1 Wiegand Port for Accessing Wiegand Card Reader
USB	1 USB 2.0 for updating, Supporting U-Disk
Material	Aluminum Alloy
Power Supply	12 VDC
Power Consumption	≤15 W
Working Temperature	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 90%
IP/IK Protection Level	IP65
Dimensions(L × W × H)	357 mm × 124 mm × 55 mm (14.1" × 4.9" × 2.2")

Model	DS-KAD312	DS-KAD308
Image	 <b>Video / Audio Distributor</b>	 <b>Video / Audio Distributor</b>
Interface	1 Bus Input, 1 Bus Output, 12 Output Interfaces	1 Bus Input, 1 Bus Output, 8 Output Interfaces
Power Supply	24 VDC	24 VDC
Power Consumption	≤ 5W	≤ 5W
Working Temperature	-15°C to +55°C (5°F to 131°F)	-15°C to +55°C (5°F to 131°F)
Working Humidity	10% to 90%, No Condensation	10% to 90%, No Condensation
Dimensions (L × W × H)	157.7 mm × 131 mm × 51.7 mm (6.21" × 5.16" × 2.04")	157.7 mm × 131 mm × 51.7 mm (6.21" × 5.16" × 2.04")

Model	DS-KH3200-L
Image	 <b>Analog Apartment Indoor Station</b>
Display Screen	7-Inch Colorful TFT LCD
Display Resolution	800 × 480
Operation Method	Physical Button
Audio Input	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker
Audio Quality	Noise Suppression
Alarm Input	4-ch Alarm Input Sensor
Network Interface	1 RJ-45 Interface
Power Supply	24 VDC
Power Consumption	≤5 W
Working Temperature	-10°C to +55°C (14°F to 131°F)
Working Humidity	10% to 90%
Dimensions (L × W × H)	197.7 mm × 132.8 mm × 18 mm (7.8" × 5.2" × 0.7")

## Video Intercom

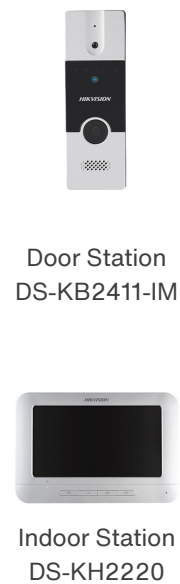
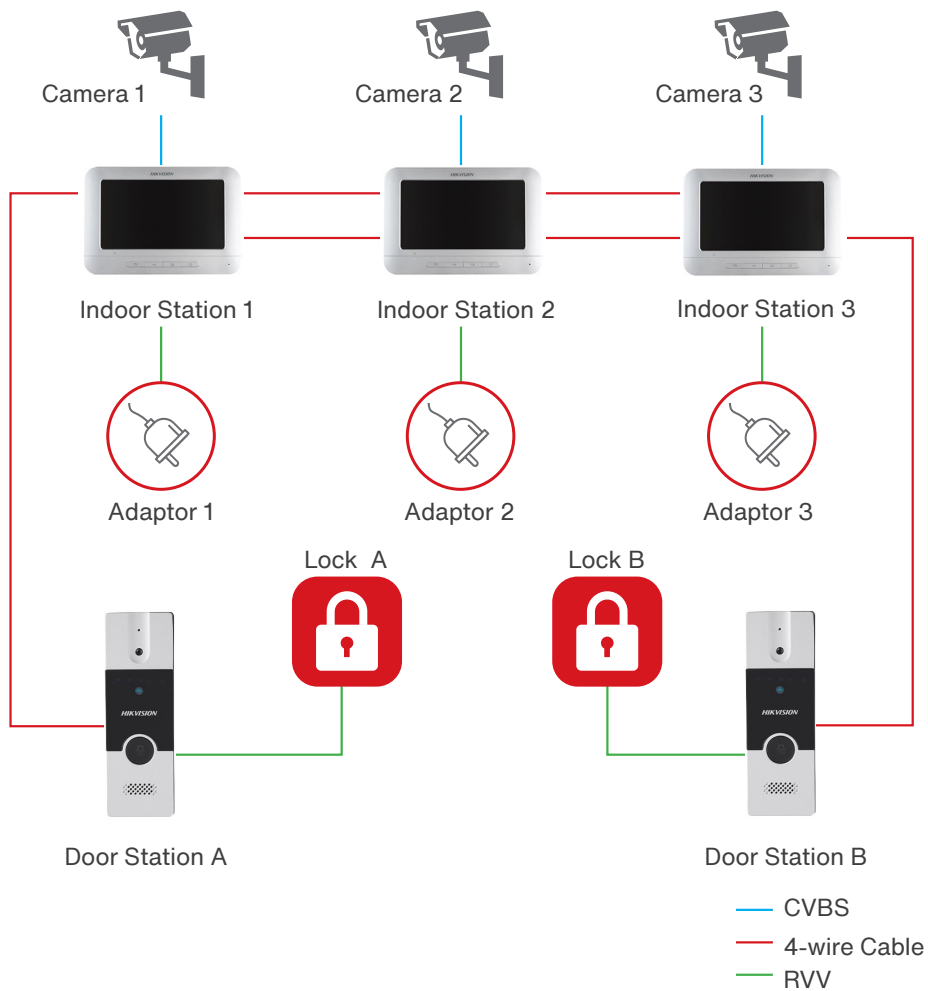
### 4-wire Series

#### Security Starts from Your Door

In traditional homes, visitors knock or use the doorbell – and security is non-existent. Now, Hikvision's 4-wire Video Intercom Kit can easily solve all these, making your home more secure and comfortable.

- > Plug & Play
- > One touch calling, supports maximum 2 door stations and 3 indoor stations
- > Competitive pricing





Indoor Station

Model	DS-KH2220	DS-KH2220-S
Image	 <span style="background-color: yellow; border: 1px solid black; padding: 2px;">HOT</span>	 <span style="background-color: yellow; border: 1px solid black; padding: 2px;">HOT</span>
	Indoor Station	Picture-capturing Indoor Station
Display Screen	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD
Display Resolution	800 × 480	800 × 480
Operation Method	Physical Button	Physical Button
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
4-wire Interface	4 Four-Wire Interfaces, 1-ch Video Input, 1-ch Audio Input/Output, 1-ch Power Supply, 1-ch Grounding	4 Four-Wire Interfaces, 1-ch Video Input, 1-ch Audio Input/Output, 1-ch Power Supply, 1-ch Grounding
Power Supply	12 VDC	12 VDC
Power Consumption	≤5 W	≤5 W
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Working Humidity	10% to 90%	10% to 90%
Dimensions (L × W × H)	195.8 mm × 132.8 mm × 18.39 mm (7.7" × 5.2" × 0.7")	195.8 mm × 132.8 mm × 18.39 mm (7.7" × 5.2" × 0.7")

Video Intercom

## Kit

One Package for Your Complete Solution

- > All-in-one system
- > Convenient delivery as a kit





NEW



### Standard PoE IP Video Intercom Kit

DS-KIS602

Door Station: DS-KD8003-IME1/Surface

Indoor Station: DS-KH6320-WTE1

Standard PoE Switch: DS-3E0105P-E/M

16GB TF card included in the Kit

NEW HOT



### Standard PoE IP Video Intercom Kit

DS-KIS603-P

Door Station: DS-KV6113-WPE1

Indoor Station: DS-KH6320-WTE1

NEW



### Standard PoE IP Video Intercom Kit

DS-KIS604-P

Door Station: DS-KV8113-WME1

Indoor Station: DS-KH6320-WTE1

16GB TF card included in the Kit

NEW HOT



### Standard PoE IP Video Intercom Kit

DS-KIS604-S

Door Station: DS-KV8113-WME1

Indoor Station: DS-KH6320-WTE1

Standard PoE Switch: DS-3E0105P-E/M

16GB TF card included in the Kit

NEW



### Facial IP Intercom Kit

DS-KIS901-P

Face Recognition Terminal: DS-K1T341AM

Indoor Station: DS-KV8350-WPE1

NEW

**2-wire IP Video Intercom Kit**

DS-KIS702

Door Station: DS-KD8003-IME2/Surface

Indoor Station: DS-KH6320-WTE2

Video / Audio Distributor: DS-KAD704

Power Supply: DS-KAW30-2N

16GB TF card included in the Kit

NEW

**2-wire IP Video Intercom Kit**

DS-KIS702-P

Door Station: DS-KD8003-IME2

Indoor Station: DS-KH6320-WTE2

Video / Audio Distributor: DS-KAD704

16GB TF card included in the Kit

NEW

**2-wire IP Video Intercom Kit**

DS-KIS703-P

Door Station: DS-KV8103-IMPE2

Indoor Station: DS-KH6320-WTPE2



**Analog Villa Video Intercom Kit**

DS-KIS202

Door Station: DS-KB2411-IM

Indoor Station: DS-KH2220



**Analog Villa Video Intercom Kit**

**(Waterproof Kit)**

DS-KIS203

Door Station: DS-KB2421-IM

Indoor Station: DS-KH2220



**Analog Villa Video Intercom Kit**

**(Picture-capturing Kit)**

DS-KIS204

Door Station: DS-KB2411-IM

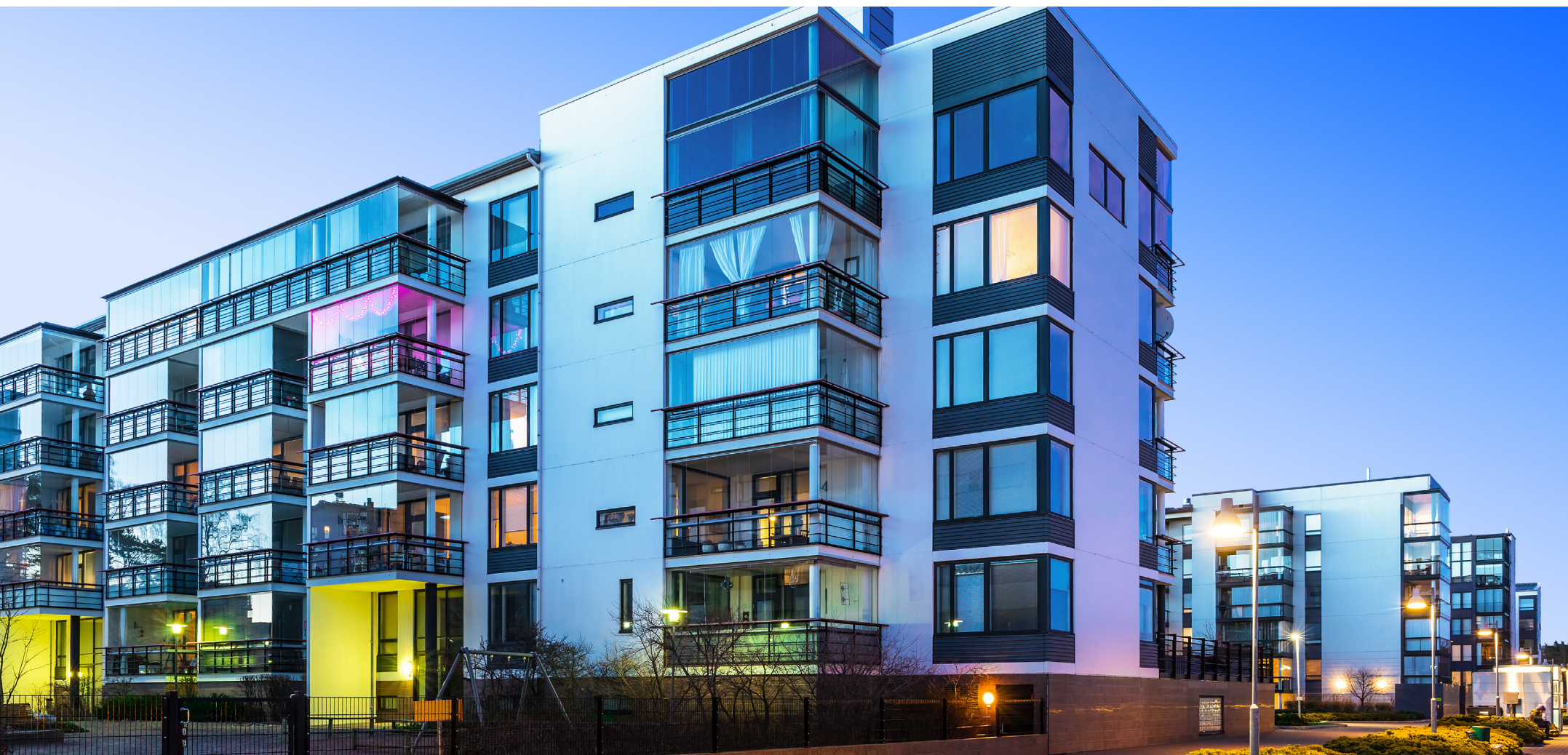
Indoor Station: DS-KH2220-S

Video Intercom

## Accessories





Brackets & Gang Boxes for Video Intercom




- > Solid and stable
- > Insulated
- > Convenient design



Model	DS-KAB86	DS-KAB01	DS-KAB02	DS-KAB10-D	DS-KAB11-D
Image	 Gang Box	 Protective Shield for DS-KV8X02-IM	 Protective Shield for DS-KV8X02-IM	 Protective Shield for DS-KD8102-V	 Protective Shield for DS-KD8002-VM
Material	PVC	Stainless Steel SUS201	Stainless Steel SUS201	Stainless Steel	Stainless Steel
Working Temperature	-5°C to +60°C (23°F to 140°F)	-30°C to +70°C (-22°F to 158°F)	-30°C to +70°C (-22°F to 158°F)	-40°C to +70°C (-40°F to 158°F)	-40°C to +70°C (-40°F to 158°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimension (L × W × H)	81 mm × 78 mm × 50 mm (3.19" × 3.07" × 1.97")	212 mm × 115 mm × 80 mm (8.35" × 4.53" × 3.15")	193 mm × 106 mm × 80 mm (7.60" × 4.17" × 3.15")	489.6 mm × 171.88 mm × 105.41 mm (19.28" × 6.77" × 4.15")	424 mm × 149 mm × 98 mm (16.69" × 5.87" × 3.86")

Model	DS-KAB13-D	DS-KAB03-V	DS-KAB21-H	DS-KAB8103-IMEX
Image	 Protective Shield for DS-KD3002-VM	 Protective Shield for DS-KV8102-IP/VP	 Indoor Station Table Stand	 Waterproof Cover for DS-KV8103-IME2
Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Working Temperature	-40°C to +70°C (-40°F to 158°F)	-40°C to +70°C (-40°F to 158°F)	-10°C to +55°C (14°F to 131°F)	-40°C to +70°C (-40°F to 158°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimension (L × W × H)	360 mm × 128 mm × 86 mm (14.17" × 5.04" × 3.39")	172.3 mm × 100 mm × 71 mm (6.78" × 3.94" × 2.8")	131 mm × 102 mm × 100 mm (5.16" × 4.02" × 3.94")	181.4mm×110.4mm×60.55mm (7.14"×4.35"×2.38")

Model	DS-KAB21-B	DS-KD-ACW1	DS-KD-ACW2	DS-KD-ACW3
Appearance	 Convenient Design Available for the Wall Mounting of the Doorbell (DS-KB2421-IM)	 Adapts to One-module Surface Mounting	 Adapts to Two-module Surface Mounting	 Adapts to Three-module Surface Mounting
Material	Stainless Steel	Aviation Aluminum	Aviation Aluminum	Aviation Aluminum
Working Temperature	-40°C to +70°C (-40°F to 158°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 90%	10% to 95%	10% to 95%	10% to 95%
Dimension (L × W × H)	181.4mm×110.4mm×60.55mm (7.14"×4.35"×2.38")	Cover: 117 × 107 × 4 mm (4.61" × 4.21" × 0.16") /Installation Frame: 117 × 107 × 32.7 mm (4.61" × 4.21" × 1.29")	Cover: 219 × 107 × 4 mm (8.62" × 4.21" × 0.16") /Installation Frame: 219 × 107 × 32.7 mm (8.62" × 4.21" × 1.29")	Cover: 320.8 × 107 × 4 mm (12.6" × 4.21" × 0.16") /Installation Frame: 320.8 × 107 × 32.7 mm (12.6" × 4.21" × 1.29")

Model	DS-KD-ACF1/Plastic	DS-KD-ACF2/Plastic	DS-KD-ACF3/Plastic
Appearance	 Adapts to One-module Flush Mounting	 Adapts to Two-module Flush Mounting	 Adapts to Three-module Flush Mounting
Material	Aviation Aluminum	Aviation Aluminum	Aviation Aluminum
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 95%	10% to 95%	10% to 95%
Dimension (L × W × H)	Cover: 134 × 124 × 4 mm (5.28" × 4.88" × 0.16") /Installation Frame: 134 × 124 × 4 mm (5.28" × 4.88" × 0.16")	Cover: 236 × 124 × 4 mm (9.29" × 4.88" × 0.16") /Installation Frame: 219 × 107 × 32.7 mm (8.62" × 4.21" × 1.29")	Cover: 337.8 × 124 × 4 mm (13.3" × 4.88" × 0.16") /Installation Frame: 320.8 × 107 × 32.7 mm (12.6" × 4.21" × 1.29")

Model	DS-KABH8350-T	DS-KABH6320-T
Image	 Video Intercom Table Bracket for KH8350	 Video Intercom Table Bracket for KH6320 and KH8520
Material	SUS430, Silica Gel	SUS430, Silica Gel
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Working Humidity	10% to 90%	10% to 90%
Dimension (L × W × H)	95mm × 83mm × 98.9mm (3.74" × 3.27" × 3.89")	122mm × 86mm × 64mm (4.80" × 3.39" × 2.52")

Model	-	DS-KABD8003-RS1	DS-KABD8003-RS2	DS-KABD8003-RS3
Appearance	 Blank Nametag Cover	 Adapts to One-Module Surface Mounting	 Adapts to Two-module Surface Mounting, with Rain Shield, Includes 1 Button Cover	 Adapts to Three-module Surface Mounting, with Rain Shield, Includes 1 Button Cover
Material	Aviation Aluminum	-	-	-
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 95%	10% to 95%	10% to 95%	10% to 95%
Dimension (L × W × H)	Cover: 219 × 107 × 4 mm (8.62" × 4.21" × 0.16")	-	-	-



# ACCESS CONTROL

- 032** MinMoe Face Recognition Terminal Touch-free, Access is Easier than Ever
- 037** Fingerprint / Card Terminal
- 042** Access Controller
- 045** Reader
- 048** Card / Fingerprint / Face Enroller
- 050** Elevator Controller
- 051** Access Control Secure Module
- 058** Barrier Gate
- 061** Management Software

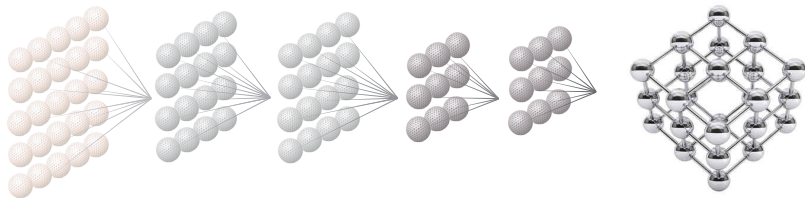


# Deep Learning TECHNOLOGY

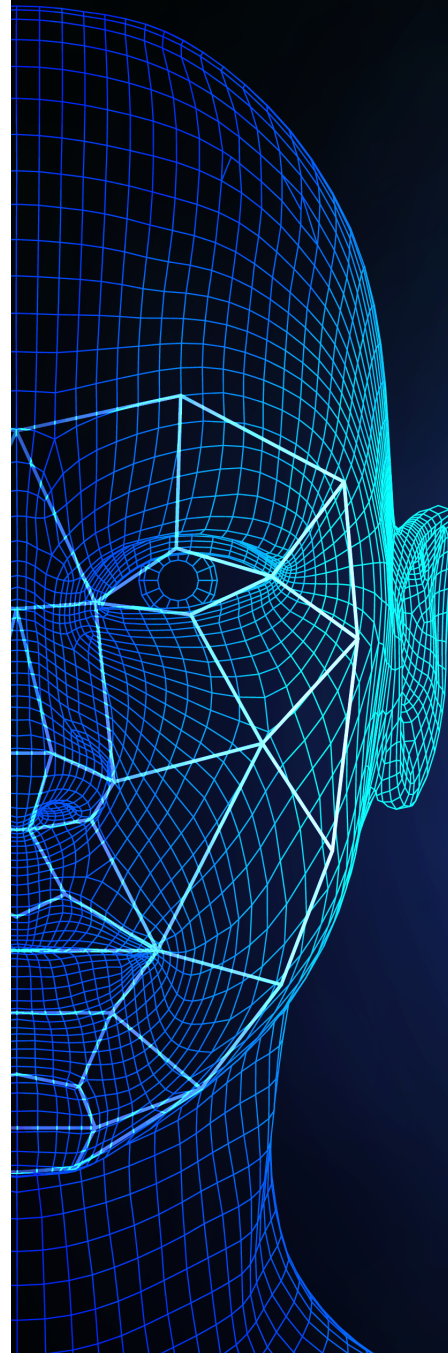
Hikvision's face recognition terminals are embedded with Deep Learning algorithms for access control and office scenarios for improving building operations, workforce management and safety operations.

Deep learning technology:

The algorithmic model for deep learning has a much deeper structure than the two 3-layered structures of traditional algorithms. In deep learning, an original signal passes through layers of processing; next, it takes a partial understanding (shallow) to an overall abstraction (deep) where it can perceive an object.



Deep learning does not require manual intervention but relies on a computer to extract features by itself. The more features there are, the more accurate the recognition and classifications will be.



## Access Control

# MinMoe Face Recognition Terminal

## Touch-free, Access is Easier than Ever

Ensure Security with Various Custom Terminals

- > Deep Learning algorithm
- > Anti-spoofing detection
- > Recognition in zero-light environment
- > Web configuration
- > Access control & time attendance
- > Multiple verification methods
- > Hik-Connect APP
- > Video intercom & CCTV system integration

**MinMoe**  
Face Recognition Terminals





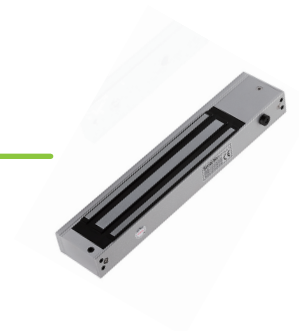
Management Software



Reader













Face Terminal




Lock

- TCP/IP
- RS485
- Multicore cable

Model	DS-K1T331/W	DS-K1T341AM	DS-K1T341AMF	DS-K1T642M, DS-K1T642E	DS-K1T642MF, DS-K1T642EF
Image	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Face Recognition Terminal</span>	 <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Face Recognition Terminal</span>	 <span style="color: red;">NEW</span> <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Face Recognition Terminal</span>	 <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Face Recognition Terminal</span>	 <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Face Recognition Terminal</span>
Power Supply	12 VDC / 1.5A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Face: 300 Events: 150,000	Faces: 1,500 Cards: 1,500 Events: 150,000	Cards: 1,500 Face: 1,500 Fingerprint: 1,500 Events: 150,000	Faces: 6,000 Cards: 10,000 Events: 150,000	Faces: 6,000 Cards: 10,000 Fingerprint: 5,000 Events: 150,000
Card Reading Mode	-	MIFARE 1 card	MIFARE 1 card	DS-K1T642M: Mifare card DS-K1T642E: 125 KHz EM card	DS-K1T642MF: Mifare card DS-K1T642EF: 125 KHz EM card
Communication Mode	TCP / IP, Wi-Fi (for W series), RS-485 ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand, ISUP5.0(Ehome5.0)
LCD Screen	3.97-inch LCD Touch Screen; Resolution: 800*480	4.3-inch capacitive touch screen Resolution: 800*480	4.3-inch capacitive touch screen Resolution: 800*480"	4.3-inch capacitive touch screen Resolution: 800*480"	4.3-inch capacitive touch screen Resolution: 800*480"
Camera	2 MP dual-lens camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens
Face Authentication Duration	1:N < 0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s
Fingerprint Capacity	-	-	Max.1,500 Fingerprints	-	Max. 5,000 Fingerprints
Input Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1
Output Interface	Lock × 1	Lock × 1	Lock × 1	Lock × 1	Lock × 1
Working Temperature	-10°C to +50°C (14°F to 122°F)	-30°C to +60°C (22°F to 140°F)	-30°C to +60°C (22°F to 140°F)	-10°C to +50°C (-58°F to 122°F)	-10°C to +50°C (-58°F to 122°F)
Protection Level	-	IP65	IP65	-	-
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	120 mm × 110 mm × 23 mm (4.89" × 4.34" × 0.91")	172.5 mm × 83.2mm × 22.7 mm (6.79" × 3.28" × 0.89")	172.5 mm × 83.2mm × 22.7 mm (6.79" × 3.28" × 0.89")	118 mm × 118mm × 24 mm (4.65" × 4.65" × 0.94")	118 mm × 118mm × 24 mm (4.65" × 4.65" × 0.94")

Model	DS-K1T642MW, DS-K1T642EW	DS-K1T642MFW, DS-K1T642EFW	DS-K1T671M	DS-K1T671MF	DS-K1T671TMW
Image	 <span style="color: red; font-weight: bold;">NEW</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Face Recognition Terminal</span>	 <span style="color: red; font-weight: bold;">NEW</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Face Recognition Terminal</span>	 <span style="color: orange; font-weight: bold;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Face Recognition Terminal</span>	 <span style="color: orange; font-weight: bold;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Face Recognition Terminal</span>	 <span style="color: orange; font-weight: bold;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Face Recognition Terminal</span>
Power Supply	12 VDC, 2 A	12 VDC, 2 A	12 VDC / 2 A	12 VDC / 2 A	12 VDC / 2 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Faces:6,000 Cards: 10,000 Events: 150,000	Faces:6,000 Cards: 10,000 Fingerprint: 5,000 Events: 150,000	Cards: 6,000 Face: 6,000 Events: 50,000	Cards: 6,000 Face: 6,000 Fingerprint: 5,000 Events: 50,000	Cards: 50,000 Face: 50,000 Events: 100,000
Card Reading Mode	DS-K1T642MW: Mifare card DS-K1T642EW: 125 KHz EM card	DS-K1T642MFW: Mifare card DS-K1T642EFW: 125 KHz EM card	MIFARE 1 Card	MIFARE 1 Card	MIFARE 1 Card
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, RS-485, Wiegand
LCD Screen	4.3-inch capacitive touch screen Resolution: 800*480"	4.3-inch capacitive touch screen Resolution: 800*480"	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch LCD Touch Screen; Resolution: 1024 × 600
Camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP Dual-lens Camera, with IR Supplement Light, WDR
Face Authentication Duration	1:N<0.2s	1:N<0.2s	1:N < 0.2s	1:N < 0.2s	1:N < 0.2s
Fingerprint Capacity	-	Max. 5,000 Fingerprints	-	Max. 5,000 Fingerprints	-
Input Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1
Output Interface	Lock × 1	Lock × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1
Working Temperature	-10°C to +50°C (-58°F to 122°F)	-10°C to +50°C (-58°F to 122°F)	-30°C to +60°C (-22°F to 140°F)	-30°C to +60°C (-22°F to 140°F)	-30°C to +60°C (-22°F to 140°F)
Protection Level	-	-	IP65	IP65	IP65
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	118 mm × 118mm × 24 mm (4.65" × 4.65" × 0.94")	118 mm × 118mm × 24 mm (4.65" × 4.65" × 0.94")	239 mm × 116.5 mm × 33 mm (9.41" × 4.59" × 1.30")	290 mm × 116.5 mm × 33 mm (11.41" × 4.59" × 1.30")	239 mm × 116.5 mm × 33 mm (9.41" × 4.59" × 1.30")

Model	DS-K1T671TMFW	DS-K1T672M, DS-K1T672E, DS-K1T672MW	DS-K5671-ZV	DS-K5671-ZH	DS-K5671-ZU
Image	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Module for Turnstile	 Face Recognition Module for Turnstile	 Face Recognition Module for Turnstile
Power Supply	12 VDC / 2 A	12 VDC, 2 A	12 VDC / 2 A	12 VDC / 2 A	12 VDC / 2 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 50,000 Face: 50,000 Fingerprint: 5,000 Events: 100,000	Cards: 50,000 Face: 50,000 Events: 50,000	Face: 50,000 Events: 100,000	Face: 50,000 Events: 100,000	Face: 50,000 Events: 100,000
Card Reading Mode	MIFARE 1 Card	DS-K1T672M: Mifare card DS-K1T672E: 125 KHz EM card	-	-	-
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, RS-485, Wiegand, ISUP5.0[Ehome5.0]	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485, Wiegand
LCD Screen	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch capacitive touch screen with bezel-less design Resolution: 1024*600	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch LCD Touch Screen; Resolution: 1024 × 600
Camera	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP wide-angle dual-lens	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP Dual-lens Camera, with IR Supplement Light, WDR
Face Authentication Duration	1:N < 0.2s	1:N < 0.2s	1:N < 0.2s	1:N < 0.2s	1:N < 0.2s
Fingerprint Capacity	Max. 5,000 Fingerprints	-	-	-	-
Input Interface	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, IO Input × 2, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, IO input × 2, USB × 1	Door Sensor × 1, IO input × 2, USB × 1	Door Sensor × 1, IO input × 2, USB × 1
Output Interface	Lock × 1, Alarm Output × 1	Lock × 1, IO output × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1
Working Temperature	-30°C to +60°C (-22°F to 140°F)	-10°C to +50°C (-58°F to 122°F)	-30°C to +60°C (-22°F to 140°F)	-30°C to +60°C (-22°F to 140°F)	-30°C to +60°C (-22°F to 140°F)
Protection Level	IP65	-	IP65	-	IP65
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	290 mm × 116.5 mm × 33 mm (11.41" × 4.59" × 1.30")	185.8 mm × 103.36 mm × 20.7 mm (7.31" × 4.07" × 0.81")	428.71 mm × 126.6 mm × 100 mm (16.88" × 4.98" × 3.94")	236.96 mm × 126.6 mm × 86.54 mm (9.33" × 4.98" × 3.41")	325.19 mm × 126.6 mm × 60.79 mm (12.8" × 4.98" × 2.4")

Model	DS-K1T671TM-3XF	
Image	 MinMoe Temperature Screening Terminal	
Operation System	Linux	
Power Supply	12 VDC/2 A	
Processor	32 Bit	
Storage	Face: 50,000 Card: 50,000 Event: 100,000	
Temperature Measurement	Sensor	Vanadium Oxide uncooled sensor
	Resolution	120 × 160
	Frame Rate	25 fps
	Temperature Range	30°C to 45°C (86°F to 113°F)
	Temperature Accuracy	±0.5 °C, without black body calibration
Measuring Distance	0.5 to 1.5 m	
Card Reading Mode	MIFARE 1 card	
Communication Mode	10/100/1000 Mbps self-adaptive	
LCD Screen	7 inch touch screen	
Camera	2 MP dual-lens camera, WDR	
Face Authentication Duration	1:N<0.2s	
Input Interface	Network × 1, RS-485 × 1, Wiegand × 1, USB × 2, alarm input × 2, door contact × 1, exit button × 1, tamper × 1	
Output Interface	lock × 1, alarm output × 1	
Working Temperature	0 °C to 50 °C (32 °F to 122 °F) For temperature measurement: 10 °C to 35 °C (50 °F to 95 °F)	
Working Humidity	10% to 90% (Non-Condensing)	
Dimension	282.78mm x 116.5mm x 36.7mm (11.13" x 4.59" x 1.44")	

## Access Control

# Fingerprint / Card Terminal

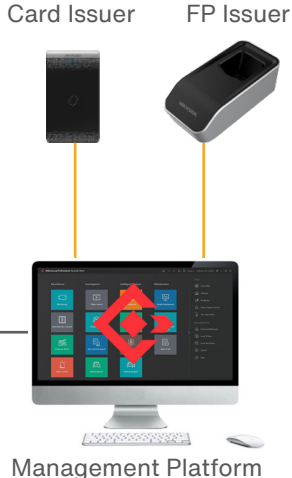
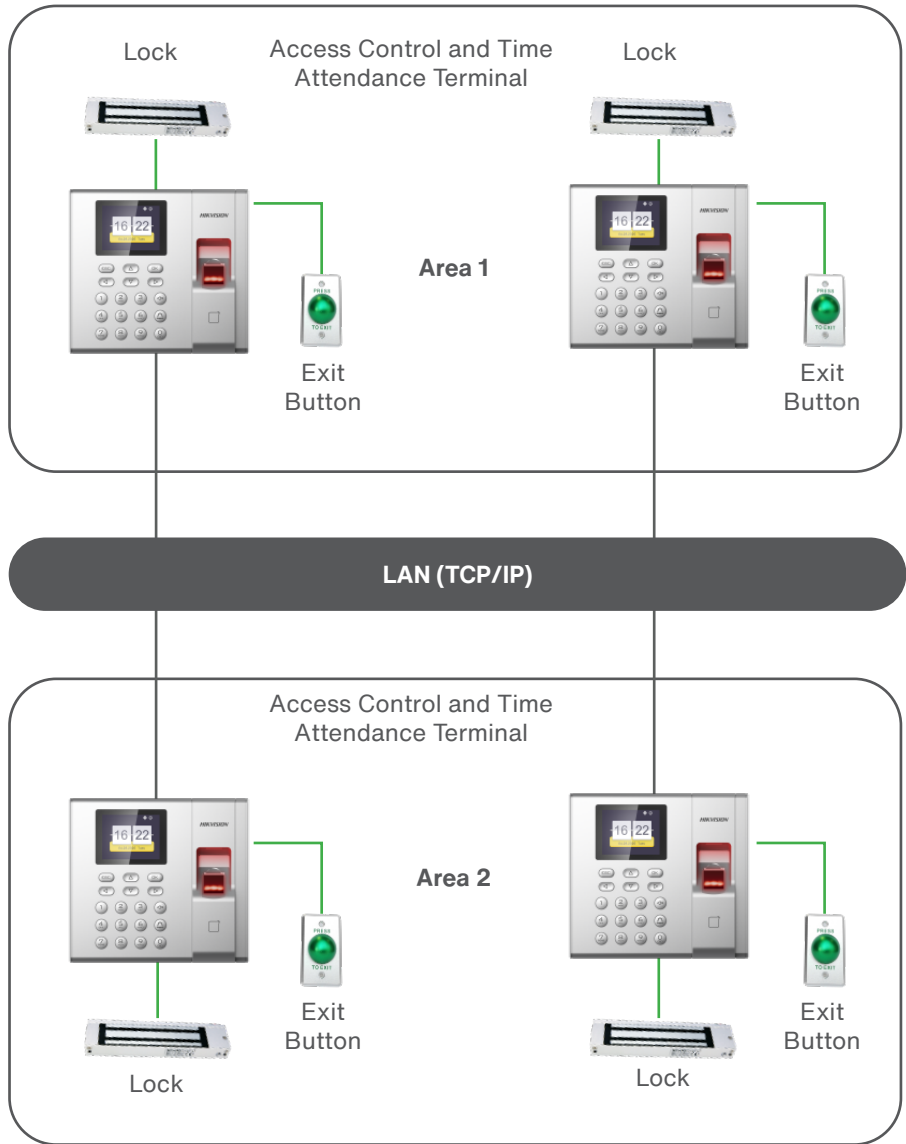
## Ensure Security with Various Custom Terminals

Hikvision's economical standalone terminal integrates its latest fingerprint algorithm. Identification is faster and time attendance reports are more accurate. Applications for this technology in the SMB market are expansive, including shops, retail stores, and more. Hikvision's access control brings power and efficiency to your business.

- > **Multiple authentication methods: custom combinations of fingerprints / cards / passwords**
- > **Supports access control secure module, vastly improving security levels**  
**WAN connection by E-Home protocol supports multiple-location management**
- > **Multiple methods to enroll fingerprints: local devices / remote devices / fingerprint enrollers**
- > **Import / export system parameters via USB**
- > **Local time & attendance recording**  
(DS-K1T8003 / DS-K1A8503 / DS-K1T804A / DS-K1A802A)















- TCP/IP
- USB
- Multicore cable







## Fingerprint Terminal

Model	DS-K1A802AF/AMF/AEF	DS-K1A802AF/AMF/AEF-B	DS-K1T804AF/AMF/AEF	DS-K1A8503F/MF/EF
Image	 <p style="text-align: right; color: red; font-weight: bold; font-size: small;">NEW</p> <p style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px; color: red; font-weight: bold; font-size: small;">Fingerprint Time Attendance Terminal</p>	 <p style="text-align: right; color: red; font-weight: bold; font-size: small;">NEW</p> <p style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px; color: red; font-weight: bold; font-size: small;">Fingerprint Time Attendance Terminal (Support backup battery)</p>	 <p style="text-align: right; color: red; font-weight: bold; font-size: small;">NEW</p> <p style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px; color: red; font-weight: bold; font-size: small;">Fingerprint Access Control Terminal</p>	 <p style="text-align: right; color: yellow; font-weight: bold; font-size: small;">HOT</p> <p style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px; color: red; font-weight: bold; font-size: small;">Fingerprint Time Attendance Terminal</p>
Power Supply	12 VDC /1A	12 VDC /1A	12 VDC /1A	5 VDC / 1A
Processor	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 3,000 Fingerprint: 3,000 Events: 100,000 Attendance Records: 150,000	Cards: 3,000 Fingerprint: 3,000 Events: 100,000 Attendance Records: 150,000	Cards: 3,000 Fingerprint: 3,000 Events: 100,000 Attendance Records: 150,000	Cards: 1,000 Fingerprint: 1,000 Events: 100,000
Card Reading Mode	EM Card (For E series) MIFARE 1 Card (For M series) (Swiping Card is Not Available for DS-K1A802AF)	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1A802F-B)	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1T804F)	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1A8503F)
Communication Mode	TCP / IP, Wi-Fi, ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, RS-485 (for Secure Door Control Unit), Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, ISUP5.0(Ehome5.0)
LCD Screen	2.4-inch LCD display screen	2.4-inch LCD display screen	2.4-inch (320 × 240 LCD-TFT Display Screen)	2.4-inch LCD Display Screen
Camera	-	-	-	-
Fingerprint Capacity	Max. 3,000 Fingerprints	Max. 3,000 Fingerprints	Max. 3,000 Fingerprints	Max. 1,000 Fingerprints
Fingerprint Authentication Duration	1:N < 1s	1:N < 1s	1:N < 1s	1:N < 1s
Input Interface	USB 2.0	USB	Exit Button × 1, Door Sensor × 1, Alarm Input × 1, USB2.0 × 1	USB
Output Interface	-	-	Lock Relay × 1, Alarm Output × 1	-
LED Indicator	Power / Status	Power / Status	Power / Status	Power / Status
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	205mm×76.5mm×37 mm (8.07"×3.01"×1.46")	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")

Model	DS-K1A8503F/MF/EF-B	DS-K1T8003F/MF/EF	DS-K1T201MF/EF(-C)	DS-K1T501SF
Image	 <p>Fingerprint Time Attendance Terminal (Support backup battery)</p>	 <p>Fingerprint Access Control Terminal</p>	 <p>Fingerprint Access Control Terminal</p>	 <p>Video Access Control Terminal</p>
Power Supply	5 VDC / 1A	12 VDC / 1A	12 VDC	12 VDC
Processor	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 1,000 Fingerprint: 1,000 Events: 100,000	Cards: 1,000 Fingerprint: 1,000 Events: 100,000	Cards: 100,000 Fingerprint: 5,000 Events: 300,000	Cards: 50,000 Fingerprint: 5,000 Events: 200,000
Card Reading Mode	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1A8503F)	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1T8003F)	EM Card (for E series) MIFARE 1 Card (for M series)	MIFARE 1 Card
Communication Mode	TCP / IP, ISUP5.0(Ehome5.0)	TCP / IP, ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485, Wiegand
LCD Screen	2.4-inch LCD Display Screen	2.4-inch LCD Display Screen	320 × 240 (pixel) LCD-TFT Display Screen	-
Camera	-	-	2 MP (for -C series)	2 MP, Video Recording
Fingerprint Capacity	Max. 1,000 Fingerprints	Max. 1,000 Fingerprints	Max. 5,000 Fingerprints(for F series)	Max. 5,000 Fingerprints
Fingerprint Authentication Duration	1:N < 1s	1:N < 1s	1:N < 1.5s	1:N < 1s
Input Interface	USB2.0 × 1	Exit Button × 1, Door Sensor × 1, USB2.0 × 1	Doorbell × 1, Tamper Alarm × 1, Exit Button × 1, Door Sensor × 1, Alarm Input × 2	Doorbell Button × 1, Door Sensor × 1, Alarm Input × 2, Exit Button × 1, Tamper × 1
Output Interface	-	Lock Relay × 1, Doorbell Output × 1	Lock Relay × 1, Alarm Output × 1	Lock × 1, Alarm Output (Doorbell) × 1
LED Indicator	Power / Status	Power / Status	Power / Status	Power / Status
Working Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	IP65, -40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	137mm × 142mm × 35mm (5.4" × 5.6" × 1.4")	218 mm × 78 mm × 41 mm (8.58" × 3.07" × 1.61")

**Card Terminal**

Model	DS-K1T105M/E(-C)	DS-K1T801M/E	DS-K1T802M/E	DS-K1T500S
Image	 <p>Standalone Access Control Terminal</p>	 <p>Standalone Access Control Terminal</p>	 <p>Standalone Access Control Terminal</p>	 <p>Video Access Control Terminal</p>
Power Supply	12 VDC	12 VDC	12 VDC	12 VDC
Processor	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 100,000 Events: 300,000	Cards: 3,000	Cards: 3,000 Events: 10,000	Cards: 50,000 Events: 200,000
Card Reading Mode	EM Card (for E series) MIFARE 1 card (for M series)	EM Card (for E series) MIFARE 1 Card (for M series)	EM Card (for E series) MIFARE 1 Card (for M series)	MIFARE 1
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand	-	TCP/IP	TCP / IP, Wi-Fi, RS-485, Wiegand
LCD Screen	320 × 240 LCD-TFT Display Screen	-	128 × 64 STN Screen	-
Camera	2 MP (for -C series)	-	-	2 MP, Video Monitor & Recording
Input Interface	Doorbell × 1, Tamper Alarm × 1, Exit Button × 1, Door Sensor × 1, Alarm Input × 2	Exit Button × 1, Door Sensor × 1	Exit Button × 1, Door Sensor × 1	Doorbell Button × 1, Door Sensor × 1, Alarm Input × 2, Exit Button × 1, Tamper × 1
Output Interface	Lock Relay × 1, Alarm Output × 1	Doorbell × 1, Lock Relay × 1	Doorbell × 1, Lock Relay × 1	Lock × 1, Alarm Output (Doorbell) × 1
LED Indicator	Power / Status	Power / Status	Power / Status	-
Working Temperature	-20°C to +65°C (-4°F to +149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	IP65, -40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	137 mm × 92 mm × 35 mm (5.4" × 3.6" × 1.4")	126.5 mm × 94.5 mm × 24 mm (4.98" × 3.72" × 0.94")	126.5 mm × 94.5 mm × 24 mm (4.98" × 3.72" × 0.94")	218 mm × 78 mm × 41 mm (8.58" × 3.07" × 1.61")

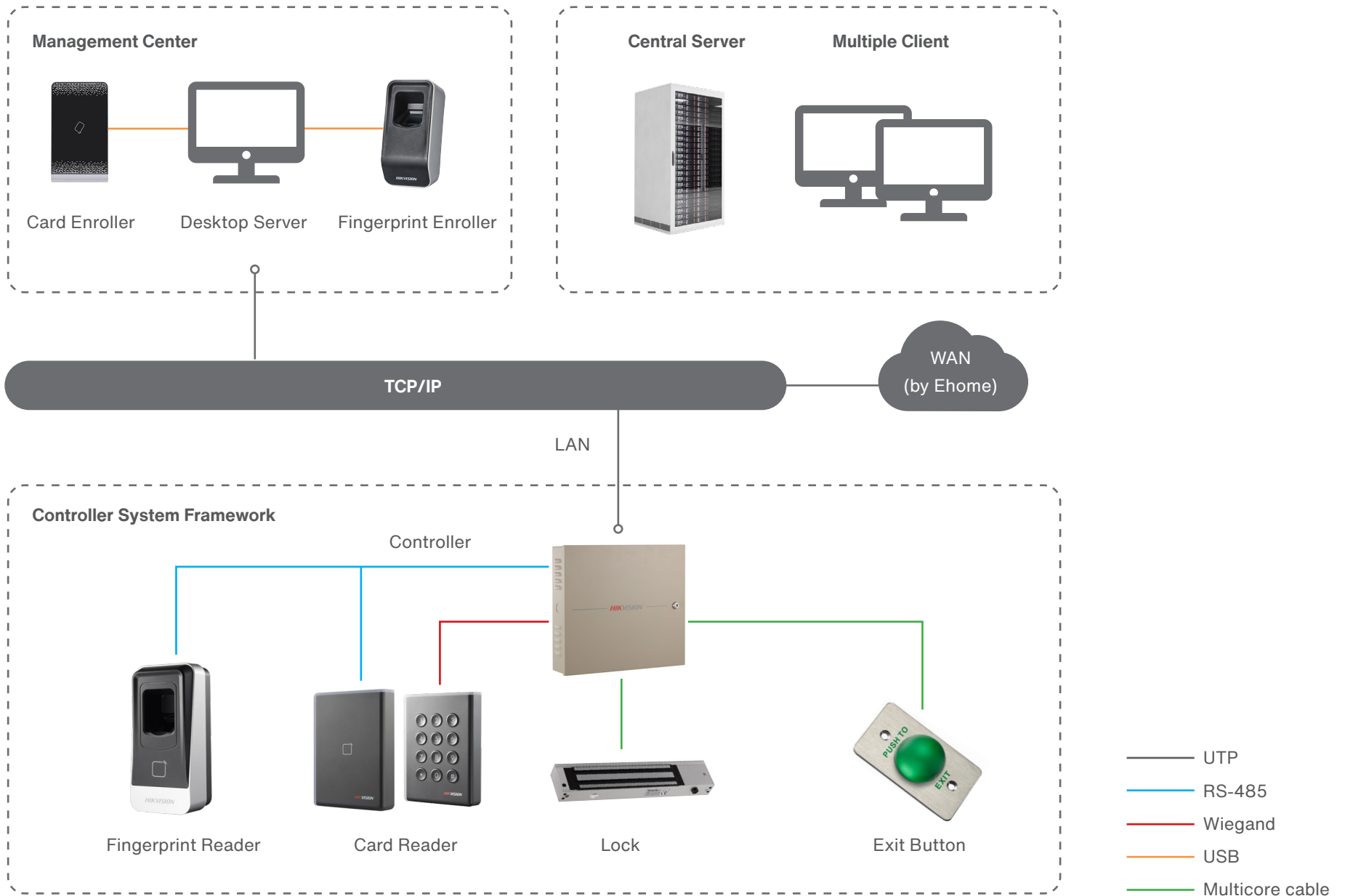
## Access Control

### Access Controller





Take Control of Security, Take Control of Your Life

- › Multi-door control
- › Optional backup battery (DS-K2600 series)
- › 3rd-Party Wiegand reader accessible
- › Supports ISAPI and OSDP protocol
- › Supports interlock, anti-passback, and advanced access control functions
- › Supports zone Alarm Input and 3rd-party fire alarm linkage
- › Data is stored locally in the event of sudden power outage
- › WAN connection by ehome5.0 (ISUP5.0) protocol, multiple location management





Access Controller

Model	DS-K2601/02/04	DS-K2801/02/04	DS-K2601T/02T/04T	DS-K2601/02/04-6
Image	 <p>K2600 Series Access Controller</p>	 <p>K2800 Series Access Controller</p>	 <p>K2600 Series Access Controller</p>	 <p>K2600 Series Access Controller</p>
Working Voltage	12 VDC	12 VDC	12 VDC	12 VDC
Input Voltage	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC
Processor	32 bit	32 bit	32 bit	32 bit
Uplink Communication Interface	TCP / IP & RS-485	TCP / IP	TCP / IP, RS485, ISUP5.0(EHome5.0), ISAPI	TCP / IP, RS485, ISUP5.0(EHome5.0), ISAPI
Downlink Communication Interface	RS-485 & Wiegand	Wiegand	RS-485 & Wiegand / OSDP	RS-485 & Wiegand / OSDP
Storage	Cards:100,000 Events:300,000	Cards:10,000 Events:50,000	Cards:100,000 Events:300,000	Cards:100,000 Events:300,000
LED Indicator	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status
Built-in Clock	Yes	Yes	Yes	Yes
Accessible Card Reader	RS-485 Reader: 2/4/8 Wiegand Reader: 2/4/4	Wiegand Reader: 2/4/4	RS-485 Reader: 2/4/8 Wiegand Reader: 2/4/4	RS-485 Reader: 2/4/8 Wiegand Reader: 2/4/4
Input Interface	Alarm Input: 4/4/4 Case Input: 2/4/8 Door Sensor: 1/2/4 Exit Button: 1/2/4	Case Input: 1/2/4 Door Sensor: 1/2/4 Exit Button: 1/2/4	Alarm Input: 4/4/4 Case Input: 2/4/8 Door Sensor: 1/2/4 Exit Button: 1/2/4	Alarm Input: 4/4/4 Case Input: 2/4/8 Door Sensor: 1/2/4 Exit Button: 1/2/4
Output Interface	Lock Relay: 1/2/4 Alarm Output: 2/4/4	Lock Relay: 1/2/4 Alarm Output: 1/2/4	Lock Relay: 1/2/4 Alarm Output: 2/4/4	Lock Relay: 1/2/4 Alarm Output: 2/4/4
Operating Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (L×W×H)	370 mm ×345 mm × 90 mm (14.6"×13.6"×3.5")	285 mm × 237 mm × 69 mm (11.22" × 9.33" × 2.72")	370 mm ×345 mm × 90 mm (14.6"×13.6"×3.5")	474.3 mm ×398 mm × 99.7 mm (18.68"×15.67"×3.93")

## Access Control

### Reader


Multiple Verification Methods for Security Professionals

- › Compound verification methods
- › EM / MIFARE 1 card options
- › Outdoor models with IP65 / IK10 rating
- › Optional touch keypad



















### Fingerprint Reader

Model	DS-K1201MF/EF
Image	 <p>Fingerprint Reader</p>
Reading Frequency	125 KHz(for E Series)/13.56 MHz(for M Series)
Reading Range	EM Card: ≤100 mm (≤3.94") Mifare Card: ≤50 mm (≤1.97")
FP Module	Optional Fingerprint Module
FP Capacity	5000
Comparison Time	≤1.5s
Shell Material	PC+ABS
Communication Mode	RS-485
ID Settings	Via DIP Switch
Audio Alert	Beeper
Power	12 VDC
Power Consumption	≤6 W
LED Indicator	Power Indicator; Status LED Indicator
Operating Temperature	-20°C to +65°C (-4°F to 149°F)
Operating Humidity	10% to 90% (No Condensing)
Protection Level	IP65
Dimensions	62mm × 132mm × 44mm (2.44" × 5.20" × 1.73")
Installing Method	Surface Mounting

### Card Reader

Model	DS-K1104M/MK	DS-K1107M/MK/E/EK	DS-K1108M/MK/E/EK
Image	 <p>K1100 Series Card Reader</p>	 <p>K1100 Series Card Reader</p>	 <p>K1100 Series Card Reader</p>
Reading Frequency	13.56 MHz	125 KHz(for E Series)/13.56 MHz(for M Series)	125 KHz(for E Series)/13.56 MHz(for M Series)
Reading Range	≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare 1 Card: ≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare 1 Card: ≤50 mm (≤1.97")
Shell Material	PC & Zinc-Alloy	PC+ABS	PC+ABS
Communication Mode	RS-485/Wiegand	RS-485/Wiegand	RS-485/Wiegand
ID Settings	Via DIP Switch	Via DIP Switch	Via DIP Switch
Audio Alert	Beeper	Beeper	Beeper
Power	12 VDC	12 VDC	12 VDC
Power Consumption	≤2 W	≤2 W	≤2 W
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Operating Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)
Operating Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP65 IK10	IP65	IP65
Dimensions	118 mm × 76 mm × 23 mm (4.65" × 2.99" × 0.91")	115 mm × 44 mm × 22 mm (4.53" × 1.73" × 0.87")	123 mm × 88 mm × 21 mm (4.83" × 3.46" × 0.83")
Installing Method	Applied for 86 & 120 Gang Box	Wall Mounting with Screws. The Gang Box is not Supported	Wall Mounting with Screws; 86 & 120 Gang Box

Model	DS-K1101M/MK	DS-K1102E/M/EK/MK	DS-K1103M/MK	DS-K1801M/MK/E/EK	DS-K1802M/MK/E/EK
Image	  	  	  	  	  
Reading Frequency	13.56 MHz	125 KHz (for E Series)/13.56 MHz (for M Series)	13.56 MHz	125 KHz(for E Series)/13.56 MHz (for M Series)	125 KHz(for E Series)/13.56 MHz (for M Series)
Reading Range	≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare 1 Card: ≤50 mm (≤1.97")	≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare Card: ≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare Card: ≤50 mm (≤1.97")
Shell Material	PC+ABS	PC+ABS	PC+ABS	PC+ABS	PC+ABS
Communication Mode	RS-485/Wiegand	RS-485/Wiegand	RS-485/Wiegand	Wiegand	Wiegand
ID Settings	Via DIP Switch	Via DIP Switch	Via DIP Switch	—	—
Audio Alert	Beeper	Beeper	Beeper	Beeper	Beeper
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Power Consumption	≤2 W	≤2 W	≤2 W	≤1.6 W	≤1.6 W
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Operating Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)
Operating Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP 54	IP 54	IP 54	IP65	IP65
Dimensions	132.0mm × 92.3mm × 20.5mm (5.20" × 3.63" × 0.81")	121mm × 86.5mm × 14mm (4.76" × 3.41" × 0.55")	129mm × 76mm × 14.7mm (5.08" × 2.99" × 0.58")	87 mm × 87 mm × 13.3 mm (3.43" × 3.43" × 0.52")	115.9mm×43.3mm×17mm (4.56" × 1.70" × 0.67")
Installing Method	Applied for 120 Gang Box Only	Applied for 86/120 Gang Box	Applied for 120 Gang Box Only	Wall Mounting with Screws;86 Gang Box	Wall Mounting with Screws; Do Not Support Gang Box

## Access Control


### Card / Fingerprint / Face Enroller

Efficient Credential Enrollment Devices


- > Supports MIFARE 1 and EM card enrollment
- > Supports fingerprint and face enrollment
- > Supports touch screen (DS-K1F600 series)





### Fingerprint Enroller

Model	DS-K1F820-F
Image	 <p>Fingerprint Enrollment Scanner</p>
Fingerprint Reader	Optical, Red Backlight
Resolution	508 dpi
Fingerprint Template Size	256 × 288 (pixel)
Interface	USB 2.0
LED Light	N/A
Working Temperature	-30°C to +70°C (-22°F to 158°F)
Working Current	5 VDC, 200mA
Dimensions	100mm × 48mm × 35mm (3.9" × 1.9" × 1.4")
System	Windows XP, Windows7, and Windows 10

### Card Enroller

Model	DS-K1F100-D8E
Image	 <p>Card Enrollment Station</p>
Card Reading Frequency	13.56MHz and 125KHz
Card Type	Standard IC Card and ID (EM) Card
Protocol	ISO 14443 Type A/B Standard and ISO 7816 Standard
Interface	USB 2.0; Driver Free
LED Light	LED Indicator: Indicates Power and the Communication Status
Working Temperature	-20°C to +65°C (4° F to 149° F)
Working Current	5VDC, 200mA
Dimensions	117mm × 67.5mm × 14.3mm
System	Windows, WinXP, Win7 and Win 8

### Multi-biometric Enroller

Model	DS-K1F600-D6E	DS-K1F600-D6E-F
Image	 <p>Face, Card Enrollment</p>	 <p>Face, Fingerprint, Card Enrollment</p>
LCD Screen	3.97-inch Touch Screen, Resolution: 800*480	3.97-inch Touch Screen, Resolution: 800*480
Camera	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP Dual-lens Camera, with IR Supplement Light, WDR
Communication Mode	TCP/IP, Wi-Fi	TCP/IP, Wi-Fi
Card type	EM, Mifare 1	EM, Mifare 1
Fingerprint	-	Support
Offline Picture storage	2000	2000
Interface	RJ45, USB 2.0	RJ45, USB 2.0
Working Temperature	-10°C to +50°C (14°F to 122°F)	-10°C to +50°C (14°F to 122°F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Working Current	12 VDC, 1.5A	12 VDC, 1.5A
Dimensions	121.68mm × 138.02mm × 125.05 mm (4.80" × 5.44" × 4.94")	121.68mm × 138.02mm × 125.05 mm (4.80" × 5.44" × 4.94")
System	Windows XP, Windows7, and Windows 10	Windows XP, Windows7, and Windows 10

## Access Control

# Elevator Controller

## Dual Confirmation for Smart Buildings

- > Maximum 128 Floors
- > Fingerprint / card valid
- > Button mode / auto mode / call elevator mode



### Elevator Controller

Model	DS-K2210	DS-K2M0016A
Image	 Master Elevator Controller	 Distributed Elevator Controller
Working Voltage	12 VDC	12 VDC
Power Consumption	≤4W (without load)	≤2W (without load)
Processor	32 bit	32 bit
Uplink Communication Interface	TCP/IP	RS-485
Downlink Communication Interface	RS-485,Wiegand	-
Storage	20,000 Cards and 50,000 Events	-
LED Indicator	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status
Built-in Clock	Yes	-
Accessible Card Reader	RS-485 Reader: 2 Wiegand Reader: 2 Maximum 2 readers work at same time	-
Input Interface	1 Panic Button; 1 Fire Alarm Button; 1 Maintenance Button Case Input: 2	Alarm Input: 2
Output Interface	Relay Outputs: 5	Relay Outputs: 16
Operating Temperature	-40°C to +70°C (-40°F to 158°F)	-40°C to +70°C (-40°F to 158°F)
Working Humidity	0% to 90% (Non-Condensing)	0% to 90% (Non-Condensing)
Dimensions (L×W×H)	167 mm × 105 mm × 30 mm (6.57" × 4.13" × 1.18")	167 mm × 105 mm × 30 mm (6.57" × 4.13" × 1.18")

## Access Control

# Access Control Secure Module


## Securing Every Usage

- > Communicates with access control terminal via RS-485 to execute commands from the terminal
- > Control door opening / closing, stay open or stay closed
- > Collects door magnetic signal, exit button signal, and tamper-proof signal to send to access control terminal
- > Supports tampering alarm
- > Supports showing communication status using RS-485 communication indicators





Access Control Secure Module

Model	DS-K2M060
Image	 <p><b>Secure Door Control Unit</b></p>
Communication Interface	RS-485
Input / Output Interface	Exit Button × 1, Lock × 1, Door Magnetic × 1, Alarm Out × 1 and Wiegand × 1
Indicator	7 Indicators (RS-485 Communication Status × 2, Power Supply × 1, Exit Button × 1, Lock Status × 1, Door Magnetic 1 and Running Status × 1)
Power Supply	12 VDC
Working Temperature	-30°C to +55°C (-22°F to 131°F)
Working Humidity	10% to 90% (Non Condensing)
Dimensions	48 mm × 115 mm × 25 mm (1.89 × 4.53 × 0.98 inch)
Installing Method	Wall Mounting







## Electric Bolt Lock

Model	DS-K4T100	DS-K4T100-U1	DS-K4T100-U2	DS-K4E100	DS-K4G100	DS-K4T108	DS-K4T108-U1
Image	 <span style="color: red; font-weight: bold;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block;">Electric Bolt</span>	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block;">Lower U-bracket of Electric Bolt, for Using with DS-K4T100</span>	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block;">Upper and lower U-bracket of Electric Bolt, for Using with DS-K4T100</span>	 <span style="color: red; font-weight: bold;">NEW</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block;">Electric Motor Lock</span>	 <span style="color: red; font-weight: bold;">NEW</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block;">Electric Strike Lock</span>	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block;">Electric Bolt</span>	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block;">Lower U-bracket of Electric Bolt, for Using with DS-K4T108</span>
Delay Duration	0/3/6/9s Optional	-	-	1/3/6/9s Optional	-	0/3/6/9s Optional	-
Maximum Thrust	Polished and Brushed Stainless Steel, Support Thrust of 800kg	-	-	-	SUS304 stainless steel, Support static linear thrust of 800 kg (1764 lb)	-	-
Secure	Power Off for Unlocking	-	-	Power On for Unlocking	Power Off for locking	Power Off for Unlocking	-
Dimension Of Plate (L×W×H)	205 mm × 35 mm × 40 mm (8.07" × 1.38" × 1.57")	-	-	130 mm × 100 mm × 44 mm (5.12" × 3.94" × 1.73")	-	205 mm × 34 mm × 42 mm (8.1" × 1.3" × 1.7")	-
Working Voltage	12 VDC	-	-	12 VDC	12 VDC	12 VDC	-
Working Current	900 mA (Startup Current) 100 mA (Standby)	-	-	300 mA	320 mA/24 VDC, 160 mA ± 15%	≤1.2A (Startup Current) 0.2A (Standby)	-
Magnetic Induction Distance	8 mm (0.31")	-	-	10 mm (0.39")	15mm(0.59")	-	-
Dimension Of Strike (L×W×H)	90 mm × 25 mm × 2 mm (3.54" × 0.98" × 0.07")	-	-	99 mm × 36 mm × 35 mm (3.90" × 1.42" × 1.38")	-	-	-
Dimension Of Body	-	93 mm × 50 mm × 30 mm (3.66" × 1.97" × 1.18")	205 mm × 58 mm × 46 mm (8.07" × 2.28" × 1.81")	-	165 mm × 43.7 mm × 35 mm (6.5" × 1.7" × 1.4")	-	70 mm × 44 mm × 24.5 mm (2.8" × 1.73" × 1.0")
Lock Body / Material	Eco-friendly Zinc Electroplating Operated	Aluminum Alloy	Aluminum Alloy	Stainless Steel	Stainless steel	-	Aluminum Alloy
Shell / Strike	Eco-friendly Zinc Electroplating Operated	-	-	Stainless Steel	Material of latch: SUS304 stainless steel Material of plate: wire-drawing on the surface	Hard Anodizing Electroplating Operated	-
Lifetime	500 Thousand Times of Locking Operation	-	-	500 Thousand Times of Locking Operation	100,000 times usage of the electromagnetic coil when powering on	-	-
Suitable Doors	Wooden Door, Glass Door, Metal Door, Fireproof Door	Fully Frameless Glass Door, Thickness of the Glass between 10-15 mm (0.39-0.59")	Fully Frameless Glass Door, Thickness of the Glass between 10-15 mm (0.39-0.59")	Wooden Door, and Metal Door	Wooden door, metal door, PVC door	Wooden Door, Glass Door, Metal Door	Lower Edge Frameless Glass Door with a Space of more than 5 mm between the Leaf and Frame
Signal Output	Signal Output NC, COM Contact of Door-status	-	-	Signal Output NO, NC, COM Contact of Door-status	Dry contact signal output; NO output while locking and NC output while unlocking	-	-
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (non-condensing)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Weight	0.7 kg (1.54 lb)	0.27 kg (0.60 lb)	1.3 kg (2.87 lb)	1.45 kg (3.2 lb)	0.4 kg (0.9 lb)	0.74 kg	0.15 kg



**Magnetic Lock**

Model	DS-K4H250S	DS-K4H250D	DS-K4H450S	DS-K4H450D	DS-K4H250-LZ	DS-K4H250-U
Image	 <b>HOT</b> Single-door Magnetic Lock	 Double-door Magnetic Lock	 Single-door Magnetic Lock	 Double-door Magnetic Lock	 <b>HOT</b> LZ-Bracket of Magnetic Lock, for DS-K4H250S	 U-Bracket of Magnetic Lock, for DS-K4H250S/D
Maximum Thrust	280 kg Linear Thrust	280 kg × 2 Linear Thrust	500 kg Linear Thrust	500 kg × 2 Linear Thrust	-	-
Secure	Power Off for Unlocking	Power Off for Unlocking	Power Off for Unlocking	Power Off for Unlocking	-	-
Working Voltage	12 VDC / 24 VDC	12 VDC / 24 VDC	12 VDC / 24 VDC	12 VDC / 24 VDC	-	-
Working Current	12 V / 500 mA 24 V / 250 mA	12 V / 500 mA × 2 24 V / 250 mA × 2	12 V / 420 mA 24 V / 210 mA	12 V / 420 mA×2 24 V / 210 mA×2	-	-
Dimension Of Body	240 × 49 × 25.5 mm (9.45 × 1.93 × 1.00")	480 × 49 × 25.5 mm (18.9 × 1.93 × 1.00")	265 mm × 71.8 mm × 38.8 mm (10.43" × 2.83" × 1.53")	530 mm × 71.8 mm × 38.8 mm (20.87" × 2.83" × 1.53")	-	-
Dimension Of Armature Plate	180×38×11mm (7.1×1.5×0.4")	180×38×11mm (7.1×1.5×0.4")	185 mm × 60 mm × 13 mm (7.28" × 2.36" × 0.51")	185 mm × 60 mm × 13 mm (7.28" × 2.36" × 0.51")	-	-
Dimension (L×W×H) Of L-bracket	-	-	-	-	250 mm × 47 mm × 28.5 mm (9.84 × 1.85 × 1.12")	-
Dimension (L×W×H) Of Z-bracket	-	-	-	-	180 mm × 50 mm × 50 mm (7.09×1.97×1.97") (ABK-280ZL)	-
Dimension (L×W×H) Of U-bracket	-	-	-	-	-	180 mm × 40 mm × 28 mm (7.09×1.57×1.10")
Lock Body / Material	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Aldural Material with the Surface Sandblast	Aldural Material with the Surface Sandblast
Shell / Strike	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated
Armature Plate	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	-	-
LED Indicator	Red (Door is Unlocked) Green (Door is Locked)	Red (Door is Unlocked) Green (Door is Locked)	Red (Door is Unlocked) Green (Door is Locked)	Red (Door is Unlocked) Green (Door is Locked)	-	-
Suitable Doors	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	In-swing Doors, Opens Towards Inside at the Angle of 90°	Frameless Glass Door, Opens at the Angle of 90°, Thickness of Glass Should be 10 to 15 mm
Signal Output	Dry Contact Signal Output, Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Dry Contact Signal Output, Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Dry Contact Signal Output; Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Dry Contact Signal Output; Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	-	-
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Weight	2.1 kg (4.63 lb)	4.2 kg (9.3 lb)	4.5 kg (9.9 lb)	9 kg (19.8 lb)	0.75 kg (1.58 lb)	0.32 kg (0.70 lb)

Model	DS-K4H450-LZ	DS-K4H258S	DS-K4H258D	DS-K4H258-LZ	DS-K4H258D-LZ	DS-K4H258-U
Image	 LZ-Bracket of Magnetic Lock, for DS-K4H450	 Single-door Magnetic Lock	 Double-door Magnetic Lock	 LZ-Bracket of Magnetic Lock, for DS-K4H258S	 LZ-Bracket of Magnetic Lock, for DS-K4H258D	 U-Bracket of Magnetic Lock, for DS-K4H250S/D
Maximum Thrust	-	280 kg Linear Thrust	280 kg × 2 Linear Thrust	-	-	-
Secure	-	Power Off for Unlocking	Power Off for Unlocking	-	-	-
Working Voltage	-	12 VDC	12 VDC	-	-	-
Working Current	-	340 mA	340 mA × 2	-	-	-
Dimension Of Body	-	238 mm × 45 mm × 25 mm (9.4" × 1.8" × 1.0")	500 mm × 45 mm × 25 mm (19.7" × 1.8" × 1.0")	-	-	-
Dimension Of Armature Plate	-	182 mm × 38 mm × 12.5 mm (7.2" × 1.5" × 0.5")	182 mm × 38 mm × 12.5 mm (7.2" × 1.5" × 0.5")	-	-	-
Dimension (L×W×H) Of L-bracket	265 mm × 72 mm × 45.2 mm (10.43" × 2.83" × 1.78")	-	-	238 mm × 30 mm × 47 mm (9.4" × 1.2" × 1.9")	500 mm × 30 mm × 47 mm (19.7" × 1.2" × 1.9")	-
Dimension (L×W×H) Of Z-bracket	185 mm × 70 mm × 61 mm (7.28" × 2.76" × 2.40")	-	-	185 mm × 44 mm × 100 mm (7.3" × 1.7" × 3.9")	185 mm × 44 mm × 50 mm (7.3" × 1.7" × 1.97")	-
Dimension (L×W×H) Of U-bracket	-	-	-	-	-	185 mm × 28 mm × 45 mm (7.3" × 1.1" × 1.8")
Lock Body / Material	High Strength Aluminum with the Surface Sandblast	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Adopts Aldural Material	Adopts Aldural Material	Adopts Aldural Material
Shell / Strike	Anodized Aluminum	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated
Armature Plate	-	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	-	-	-
LED Indicator	-	Green (work status)	Green (work status)	-	-	-
Suitable Doors	Wooden Door, Metal Door, Narrow Trim Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, and Metal Door	Wooden Door, and Metal Door	Frameless glass door, opens at the angle of 90°, thickness of glass should be 10 to 15 mm
Signal Output	-	-	-	-	-	-
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Weight	1.3 kg (2.87 lb)	2.1 kg (4.63 lb)	4.2 kg (9.3 lb)	0.77 kg (1.7 lb)	1.05 kg	0.4 kg (0.88 lb)

Exit button

Model	DS-K7P01	DS-K7P02	DS-K7P03	DS-K7P04	DS-K7P05	DS-K7P06	DS-K7PEB(Red or Green)
Image	 <span>Exit Button</span>	 <span>Exit Button</span>	 <span>Exit Button</span>	 <span>Exit Button</span>	 <span>Exit Button</span>	 <span>Exit Button</span>	 <span>Emergency Break Glass</span>
Output Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact
Structure	Stainless Steel Panel, Metal Button	Stainless Steel Panel, Metal Button	Stainless Steel Panel	Stainless Steel Panel	Stainless Steel Panel, Metal Button, Metal Bottom Case	Stainless Steel Panel, Metal Button, Metal Bottom Case	Fireproof Material, Sandblast Finished
Current Rating	3A @ 36 VDC Max	3A @ 36 VDC Max	1A @ 30 VDC, 0.5A @ 125 VAC	1A @ 30 VDC, 0.5A @ 125 VAC	3A @ 36 VDC Max	3A @ 36 VDC Max	3A @ 36 VDC Max
Suitable Doors	Hollow Doorframe and Embedded-electric Box	Hollow Doorframe and Embedded-electric Box	All Kinds of Narrow Doorframes	All Kinds of Narrow Doorframes	All Kinds of Narrow Doorframes	All Kinds of Narrow Doorframes	Exit Door, Emergency Door
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-20°C to +50°C (-4°F to 122°F)	-20°C to +50°C (-4°F to 122°F)	-10°C to +55°C (14°F to 131°F)	-20°C to +65°C (-4°F to 149°F)	-10°C to +55°C (14°F to 131°F)
Dimensions (L×W×H)	86 mm × 86 mm × 28.9 mm (3.39" × 3.39" × 1.14")	90 mm × 35 mm × 28.9 mm (3.54" × 1.38" × 1.14")	86 mm × 86 mm × 25.7 mm (3.39" × 3.39" × 1.01")	90 mm × 35 mm × 37.7 mm (3.54" × 1.38" × 1.48")	86 mm × 50 mm × 44 mm (3.39" × 1.97" × 1.73")	87.7 mm × 87.7 mm × 44 mm (3.46" × 3.46" × 2.13")	86 mm × 86 mm × 50 mm (3.39" × 3.39" × 1.97")
Weight	0.25 kg (0.55 lb)	0.20 kg (0.44 lb)	0.15 kg (0.33 lb)	0.12 kg (0.26 lb)	0.14 kg (0.31 lb)	0.23 kg (0.51 lb)	0.20 kg (0.44 lb)

Model	DS-KEM125	IC S50	S50+TK4100	FM11RF08-M1	DS-K7M102-M
Image	 <span>ID Card</span>	 <span>IC Card</span>	 <span>IC+ID Card</span>	 <span>IC Card</span>	 <span>IC Card</span>
Standard	-	ISO/IEC 14443A	ISO14443 Type A ISO/IEC 7816-5	ISO/IEC 14443	ISO/IEC 14443
Sensing Frequency	125KHz +/- 6KHz	13.56 MHz	125KHz & 13.56MHz	13.56 MHz	13.56 MHz
Data Format	EM-4100	-	-	-	-
Memory Capacity	64 bit	-	-	-	-
Function	Read	Read and Write	Read and Write	Read and Write	Read and Write
Data Transmission Speed	-	106 k bit/s	-	106 Kbps	106 Kbps
Sensing Distance	≤15 cm	≤10 cm	≤10 cm	≤10 cm	≤4 cm
Data Integrity Protection	-	16 Bit Crc, Odd-even Check, Encoding and Counting by Bit	-	-	-
EEPROM	-	1K Byte (16 Zones, 4 Sections per Zone, 16 Bytes per Section) 10 Years Data Storage ≥100,000 Writing Times	1K Byte 10 Years Data Storage ≥100,000 Writing Times	1K Byte 10 Years Data Storage ≥100,000 Writing Times	1K Byte (16 Zones, 4 Sections per Zone, 16 Bytes per Section) 10 Years Data Storage ≥100,000 Writing Times
Temperature	-20°C ~ +75°C	-20°C ~ +75°C	-20°C ~ +75°C	-20°C ~ +75°C	-10°C to +50°C (14°F to 122°F)
Material	PVC	PVC	PVC	PVC	PVC, AB glue
Color	White	White	White	White	White and Red
Dimension	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")	26 mm × 50 mm × 4 mm (1.02" × 1.97" × 0.16")

## Access Control

### Barrier Gate

More Than Just A Gate, Even More.

By adopting the turnstiles integratedly with the access control system, person should authenticate to pass through the lane via swiping IC or ID card, scanning QR code, etc. It is widely used in attractions, stadiums, construction sites, residences, etc.

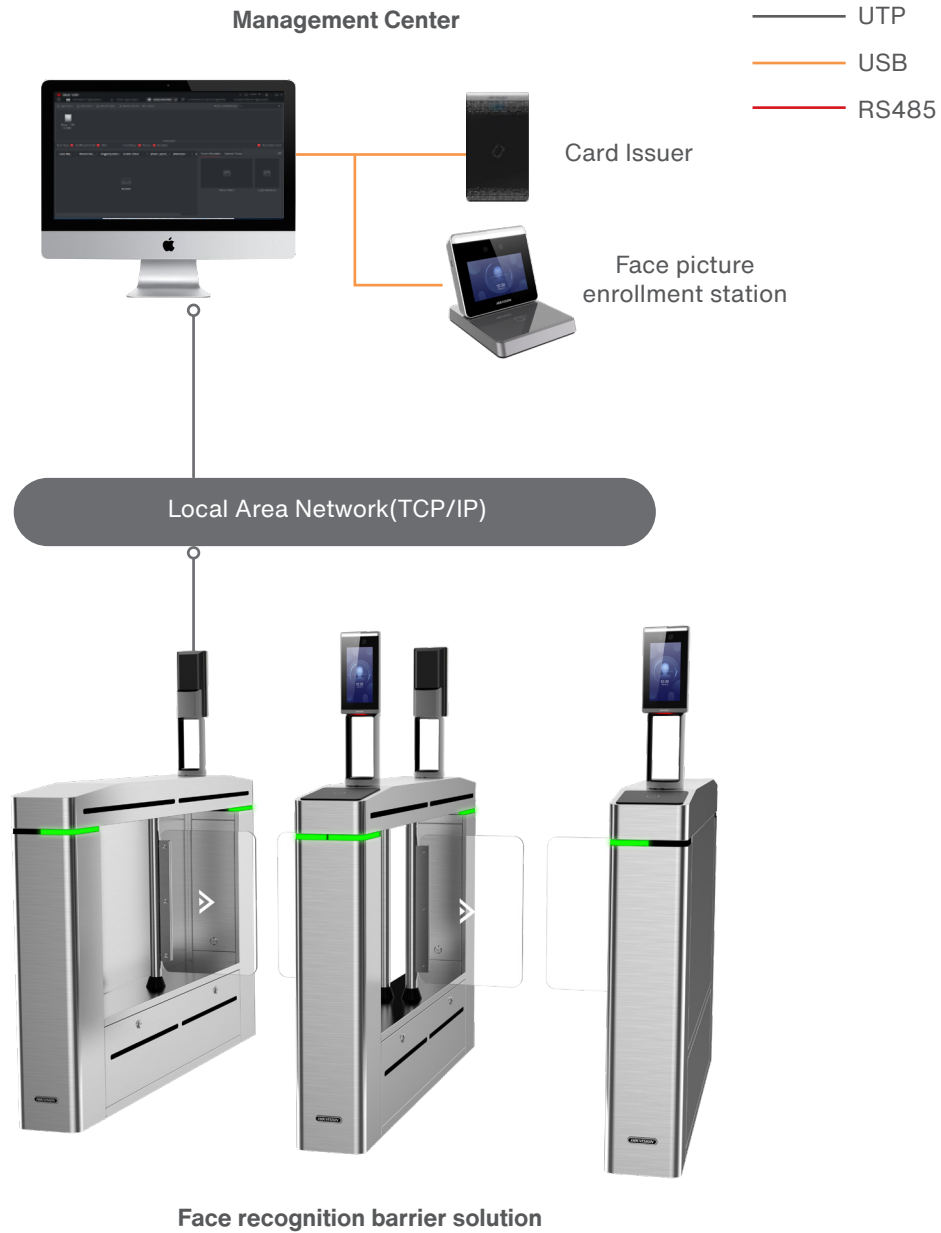
Enhanced accessing speed

- > **various verification methods: Card/QR code/face/fingerprint**
- > **Supports IR light detection for anti-tailgating, Anti-force accessing, self-detection, and self-diagnostics.**
- > **Elegant appearance,suitable for Various application scenarios.**

Easy to install and remove, no other construction works needed



# Barrier Gate



**Barrier**

Model	K36501 Series	DS-K3B501S Series	K3Y501 Series	DS-K3B601 Series	DS-K3B801 Series
Image	 Tripod Turnstile	 Swing Barrier Turnstile	 Flap Barrier Turnstile	 Swing Barrier Turnstile	 Swing Barrier Turnstile
Power Supply	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz
Processor	32-bit	32-bit	32-bit	32-bit	32-bit
Communication Interface	TCP/IP, I/O, RS-232, RS-485	TCP/IP, I/O, RS-232, RS-485	TCP/IP, I/O, RS-232, RS-485	TCP/IP, I/O, RS-232, RS-485	TCP/IP, I/O, RS-232, RS-485
IR Light Detectors	N/A	12 pairs	12 pairs	12 pairs	24 pairs
Throughput	More than 35 persons per minute	20 to 60 persons per minute	30 to 60 persons per minute	30 to 60 persons per minute	30 to 60 persons per minute
Capacity	60,000 cards and 180,000 events	60,000 cards and 180,000 events	60,000 cards and 180,000 events	60,000 cards and 180,000 events	60,000 cards and 180,000 events
MCBF	N/A	6M	6M	6M	6M
Barrier Material	Stainless steel	Acrylic glass/ Stainless steel pipe (Optional)	Acrylic	Stainless steel pipe/Acrylic glass (Optional)	Acrylic
Pedestal Material	SUS304 stainless steel with the thickness of 1.5 mm (0.06")	SUS304 stainless steel with the thickness of 1.2 mm (0.05")	SUS304 stainless steel with the thickness of 1.5 mm (0.06") except side door	SUS304 stainless steel with the thickness of 1.5 mm (0.06")	SUS304 stainless steel with the thickness of 2 mm (0.08")
Weight Per Pedestal (Without Package)	Without package: 45 kg (99.2 lb)	Left and right pedestal: 56 kg (123 lb) Middle pedestal: 71 kg (157 lb)	Left and right pedestal: 70 kg (154.3 lbs) Middle pedestal: 90 kg (198.4 lbs)	Left and right pedestal: 73 kg (160.9 lbs) Middle pedestal: 85 kg (187.4 lbs)	Left and right pedestal: 100 kg (220.5 lbs) Middle pedestal: 121 kg (266.8 lbs)
Lane Width	550 mm (21.7")	550 mm to 1100 mm (21.65" to 43.31")	600 mm (23.62")	550 mm to 1100 mm (21.65" to 43.31")	550 mm to 1100 mm (21.65" to 43.31")
Dimension (L x W x H) Per Pedestal	Without package: 232 mm x 960 mm x 1208 mm (9.1" x 37.8" x 47.6") With package: 390 mm x 1185 mm x 1320 mm (15.4" x 306.5" x 52.0")	Without packaging: 1500 mm x 200 mm x 960 mm (59.06" x 7.87" x 37.80") With packaging: 1610 mm x 300 mm x 1100 mm (63.39" x 11.81" x 43.31")	Without packaging: 300 mm x 1010 mm x 1406.8 mm (11.81" x 39.76" x 55.38") With Packaging: 1642 mm x 517 mm x 1274 mm (64.65" x 20.35" x 50.16")	Without Packaging: 1500 mm x 200 mm x 990 mm (59.06" x 7.87" x 38.98") With Packaging: 1610 mm x 300 mm x 1100 mm (63.39" x 11.81" x 43.31")	Without packaging: 1500 mm x 160 mm x 1010 mm (59.1" x 6.3" x 39.8") With packaging: 1688 mm x 348 mm x 1318 mm (66.5" x 13.7" x 51.9")
Working Humidity	0% to 95% (No condensing)	0% to 95% (No condensing)	0% to 95% (No condensing)	10% to 95% (No Condensing)	10% to 95% (No condensing)
Working Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-25°C to +70°C (-13°F to 158°F)	-25°C to +70 °C (-13°F to 158°F)	-25°C to +70°C (-13°F to 158°F)
Installation	Indoor/ outdoor	Indoor	Indoor	Indoor	Indoor

The actual throughput is affected by the person passing rate and passing environment

# Access Control

## Management Software



**HikCentral Professional**  
Integrated Security Solution

HikCentral Professional focuses on providing flexible, collaborative, and future-proof security solutions. Person-centric design provides flexibility for cross-site access based on multiple credentials as needed, meanwhile continuously sharing the latest AI capabilities with users through diverse credentials such as faces, license plates; Scenario-based GUI portal such as Entrance/Exit Management & Visitor Management are designed to present task-oriented panels for different users to improve operational efficiency; Seamlessly integrated with Video and Intrusion system help users easily achieve cross-system linkages to get a complete picture when incidents happened. With advanced security solution design and provides different levels of data openness, HikCentral Professional help you ready to meet the expanding security needs.

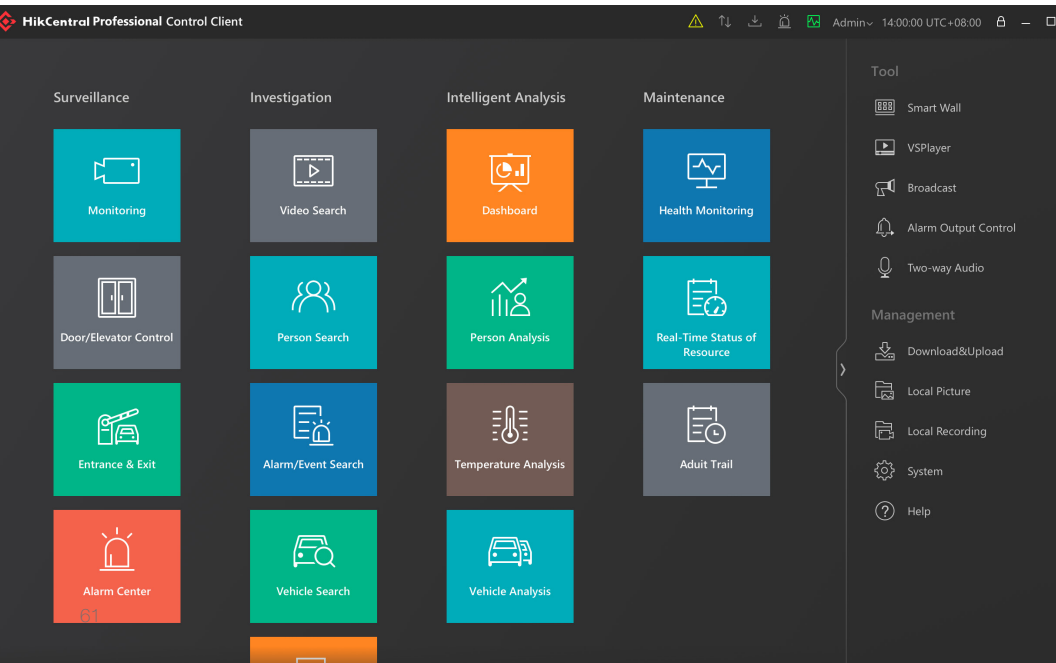


**iVMS-4200 AC**

A Free Software for Access Control & Time Attendance

iVMS-4200 AC Client Software is a versatile security management software designed for access control devices and video intercom devices.

It provides multiple functionalities, including personnel management, access control, video intercom, time & attendance, and more. iVMS-4200 AC can be widely applied in small to medium-sized projects.





## Compare Different Software for Access Control Products

	iVMS-4200	iVMS-4200 AC	Blazer ACS/E	HikCentral Professional
<b>Structure</b>	C/S (PC based)	C/S (PC based)	BS/CS (Server based)	BS/CS (Server based)
<b>Client Number</b>	1	1	10	100
<b>Person</b>	3,200	3,200	3,000	50,000
<b>Door Number</b>	64	64	16	512
<b>Access Control</b>	Support	Support	Support	V1.2
<b>Time Attendance</b>	Support	Support	Support	V1.2
<b>Video Intercom</b>	Support	Support	N/A	V1.6
<b>Elevator Control</b>	Support	Support	N/A	V1.5
<b>Intrusion Alarm</b>	Support	N/A	N/A	V1.3
<b>Visitor Management</b>	N/A	N/A	N/A	V1.5
<b>CCTV</b>	Support	N/A	N/A	V1.0
<b>App</b>	N/A	N/A	Support	V1.0

# SECURITY ALARM

**064** Hikvision Intrusion

**082** Emergency Alarm

**086** Security Radar



## Security Alarm

# Hikvision Intrusion



## Flexible Application, Comprehensive Protection

Hikvision Alarm offers intruder alarm solutions which combine a deep customer understanding with worldleading technologies. Hikvision provides top-tier intruder products suitable for a range of market segments and vertical applications. These include applications from residential and SOHO (small office/home office) solutions, to commercial, healthcare, seaports, airports, and critical infrastructure applications.


- › Easy operation and flexible extension
- › Multiple options for different applications







## Second Generation Wireless Control Panel



Model	DS-PWA64-L-WE	DS-PWA96-M-WE
Image	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>
	LAN + Wi-Fi + GPRS	LAN + Wi-Fi + 3/4G
Color	White	White
Frequency	868MHz	868MHz
Wireless Tag Reader & Keypad	8	8
Wireless Input & Output	64	96
PIR CAM	Yes	Yes
Wireless Keyfob	32	48
Wireless Sounder	4	6
Tag	32	48
LAN Port	Yes	Yes
WiFi on Board	Yes(2.4G)	Yes(2.4G)
GPRS on Board	Yes	No
3/4G on Board	No	Yes
SIM Slot	Single	Dual
SMS Notification	Yes	Yes
Alarm Voice Call	Yes	Yes
Automation Protocol	SIA DC09, ISUP, ISAPI (SDK), SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK), SIA level 2, Contact ID
Remote Programming Software	Covengense cloud/ Hik-central/ Hik-ProConnect	Covengense cloud/ Hik-central/ Hik-ProConnect
Voice Prompt	1-CH loudspeaker	1-CH loudspeaker
Tamper Switch	Yes	Yes
Power Supply	Built in power supply	Built in power supply
Backup Battery	Lithium battery	Lithium battery



## Second Generation Wireless Detector

Model	DS-PDPC12P-E62-WE
Image	 <span style="color: red; font-weight: bold;">NEW</span>
	Advanced digital signal processing and 3D optics
Detection Range	12m, 85.9°
Detection Speed	0.3 to 2 m/s
Auto Sensitivity	Yes
Pet Immunity	Up to 30Kg
Digital Temperature Compensation	Yes
Technology	Digital microprocessor based
Sealed Optics	Yes
Creep Zone Protection	Yes
Direct Light Filter	6500lux
Camera Coverage	88°(H), 68°(V)
Auto Day and Night	Clour/Black & White
Flash IR LED	1 IR LED
LED Range	12m
Image Type	JPEG
Image Size	160x120, 320x240, 640x480
Images in Series	Up to 20 images
Tamper Protection	Front & Back
LED Indicator	Blue (alarm)
Encapsulated PCB	Yes
Operating Temperature	-10°C to +55°C (14°F to 131°F)
Storage Temperature	-20°C to +60°C (-4°F to 140°F)
Operating Humidity	10% to 90%
Dimension (mm)	72.2 x 120.5 x 56.7
Weight (g)	210
Bracket	Optional wall & ceiling accessory
Transmission Technology	CAM-X wireless technology
Environment Temperature Indicator	Yes
2-way Wireless Communication	Yes
Transmission Frequency	868MHz
Transmission Encryption	AES-128 encryption
Signal Strength Indicators	Yes
RF Range	800m (open area)
Enrolling Methods	Power up, Remote ID, QR code
Battery	CR123A x 3 (included)
Standard Battery Life	6 years


Model	DS-PDP15P-E62-WE	DS-PDC15-E62-WE	DS-PDD12P-E62-WE
Image	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>
	Advanced digital signal processing and 3D optics	Advanced digital signal processing and 3D optics	Advanced digital signal processing and 3D optics
Detection Range	15m, 85.9°	15m, 6.3°	12m, 85.9°
Detection Speed	0.3 to 2 m/s	0.3 to 2 m/s	0.3 to 2 m/s
Auto Sensitivity	Yes	Yes	Yes
Pet Immunity	Up to 30Kg	-	Up to 30Kg
Digital Temperature Compensation	Yes	Yes	Yes
Technology	Digital microprocessor based	Digital microprocessor based	Digital microprocessor based
Microwave Frequency	-	-	24Ghz (24.15Ghz to 24.25Ghz)
Sealed Optics	Yes	Yes	Yes
Creep Zone Protection	Yes	Yes	Yes
Direct Light Filter	6500lux	6500lux	6500lux
Tamper Protection	Front & Back	Front & Back	Front & Back
LED Indicator	Blue(alarm)	Blue (alarm)	Green(PIR), Orange(microwave), Blue(alarm)
Encapsulated PCB	Yes	Yes	Yes
Operating Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Storage Temperature	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)
Operating Humidity	10% to 90%	10% to 90%	10% to 90%
Installation Height	1.8 to 2.4m	2.4 to 3.6m	1.8 to 2.4m
Dimension (mm)	65.5 x 103 x 48.5	65.5 x 103 x 48.5	65.5 x 103 x 48.5
Weight (g)	128	128	141
Bracket	Optional wall & ceiling accessory	Optional wall & ceiling accessory	Optional wall & ceiling accessory
Transmission Technology	Tri-X wireless technology	Tri-X wireless technology	Tri-X wireless technology
Environment Temperature Indicator	Yes	Yes	Yes
2-Way Wireless Communication	Yes	Yes	Yes
Transmission Frequency	868MHz	868MHz	868MHz
Transmission Encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
Signal Strength Indicators	Yes	Yes	Yes
RF Range	1600 m (open area)	1600 m (open area)	1600 m (open area)
Enrolling Methods	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code
Battery	CR123A x 1 (included)	CR123A x 1 (included)	CR123A x 2 (included)
Standard Battery Life	5 years	5 years	5 years

Model	DS-PDP612P-E62-WE
Image	 <b>NEW</b> Advanced digital signal processing and 3D optics
Detection Range	12m, 85.9°
Detection Speed	0.3 to 2 m/s
Auto Sensitivity	Yes
Pet Immunity	Up to 30Kg
Digital Temperature Compensation	Yes
Technology	Digital microprocessor based
Sealed Optics	Yes
Creep Zone Protection	Yes
Direct Light Filter	6500lux
Glass Break Sensor	Omnidirectional electret microphone
Microphone Range	12m radius
Glass Type	Float, Plate, Tempered, Wired, Laminated leaded, Double glazing
Glass Thickness (mm)	2.4 to 6.4
Glass Size	0.3m x 0.3m to 3m x 3m
Tamper Protection	Front & Back
LED Indicator	Green(PIR), Orange(BG), Blue(alarm)
Encapsulated PCB	Yes
Operating Temperature	-10°C to +55°C (14°F to 131°F)
Storage Temperature	-20°C to +60°C (-4°F to 140°F)
Operating Humidity	10% to 90%
Installation Height	1.8 to 2.4m
Dimension (mm)	65.5 × 103 × 48.5
Bracket	Optional wall & ceiling accessory
Transmission Technology	Tri-X wireless technology
Glass Break Sensitivity Adjustment	High, Normal, Low
Detection Mode	And/OR
Environment Temperature Indicator	Yes
2-way Wireless Communication	Yes
Transmission Frequency	868MHz
Frequency Hopping	Multichannel transmission
Transmission Encryption	AES-128 encryption
Signal Strength Indicators	Yes
RF Range	1600 m (open area)
Enrolling Methods	Power up, Remote ID, QR code
Battery	CR123A x 2 (included)
Standard Battery Life	5 years


Model	DS-PDMC-E62-WE	DS-PDMCS-E62-WE
Image	 <b>NEW</b> 1. 2 External zones 2. Frequency hopping against jamming for reliable transmission	 <b>NEW</b> Frequency hopping against jamming for reliable transmission
Detection Gap	Max. 43 mm	Max. 52 mm
Reed Switch	1	1
External Inputs	2	-
Tamper Protection	Front & Back	Front & Back
LED Indicator	Blue (alarm)	Blue (alarm)
Encapsulated PCB	Yes	-
Input Options	Normal and fast sensitivity with pulse count	-
Programmable Pulse Count	Yes	-
Fast Input Sensitivity	1ms	-
Operating Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Storage Temperature	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)
Operating Humidity	10% to 90%	10% to 90%
Dimension (mm)	22.5 × 103 × 23.2 13 × 34.4 × 11.4	29 × 69 × 10 14 × 69 × 10
Weight (g)	59	38
Transmission Technology	Tri-X wireless technology	Tri-X wireless technology
Environment Temperature Indicator	Yes	Yes
2-way Wireless Communication	Yes	Yes
Transmission Frequency	868MHz	868MHz
Frequency Hopping	Multichannel transmission	Multichannel transmission
Transmission Encryption	AES-128 encryption	AES-128 encryption
Signal Strength Indicators	Yes	Yes
RF Range	1600 m (open area)	1200 m (open area)
Enrolling Methods	Power up, Remote ID, QR code	Power up, Remote ID, QR code
Battery	CR123A x 1 (included)	CR2450 x 1 (included)
Standard Battery Life	5 years	3 years

Model	DS-PDEBP1-E62-WE	DS-PDEB1-E62-WE
Image	 <b>NEW</b> IP54 daily environment protection	 <b>NEW</b> Fully remote configurable through App
LED Indicators	Red or Green (alarm)	Blue (alarm)
LED Alarm Confirmation	Flashing LED	Flashing LED
Tamper Protection	Front & Back	Front & Back
IP Rating	IP54	-
Operating Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Storage Temperature	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)
Operating Humidity	10% to 90%	10% to 90%
Dimension (mm)	φ38 × 12	63.8 × 63.8 × 17.9
Weight (g)	13.5	45.5
Button Colour	Programmable Red or Green	Red or green keymat
Neckless Strap	Yes	-
Watch Bracelet	Optional supplied separately	-
Transmission Technology	Tri-X wireless technology	Tri-X wireless technology
Environment Temperature Indicator	No	Yes
2-way Wireless Communication	Yes	Yes
Transmission Frequency	868MHz	868MHz
Frequency Hopping	Multichannel transmission	Multichannel transmission
Transmission Encryption	AES-128 encryption	AES-128 encryption
Signal Strength Indicators	-	Yes
RF Range	1000 m (open area)	1200 m (open area)
Enrolling Methods	Power up, Remote ID, QR code	Power up, Remote ID, QR code
Battery	CR2032 x 1 (included)	CR2450 x 1 (included)
Standard Battery Life	3 years	5 years


## Second Generation Wireless Peripherals



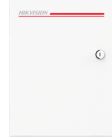
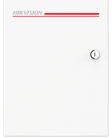
Model	DS-PK1-E-WE
Image	 <p>LED indicates the programmed area</p>
Colour	White
Installation	Wall mounting
Function Buttons	Stay and away arm, disarm, fire, medical, PA, output control, enter and cancel
Numeric Buttons	0-9
Area Display Backlight	Yes
LED Indicators	Arm (blue), fault (amber), alarm (red), signal (green)
Frame Backlight	Yes
Buzzer	Entry, exit, alarm and warning tones
Tamper Protection	Front and back
Encapsulated PCB	Yes
Transmission Technology	Tri-X wireless technology
Two-way Wireless Communication	Yes
Transmission Frequency	868MHz
RF Range	1200m (open area)
Transmission Encryption	AES-128 encryption
Enrolling Methods	Power up, remote ID and QR code
Frequency Hopping	Multichannel transmission
Signal Strength Indicators	Yes
Environment Temperature Indicator	Yes
Battery	AA x 4 (included)
Standard Battery Life	3 years
Operating Temperature	-10°C to +55°C
Dimension (mm)	86 x 140 x 22

Model	DS-PT1-WE
Image	
Colour	White
Installation	Wall mounting
Individual Area Arming	Individual or group arming
Area Display LEDs	Up to 4 areas
LED Indicators	Area status (blue x 4) alarm/fault (red/amber x 1)
Buzzer	Entry, exit, alarm and warning tones
Tamper Protection	Front and back
Encapsulated PCB	Yes
Transmission Technology	Tri-X wireless technology
Two-way Wireless Communication	Yes
Transmission Frequency	868MHz
RF Range	1200m (open area)
Transmission Encryption	AES-128 encryption
Enrolling Methods	Power up, remote ID and QR code
Frequency Hopping	Multichannel transmission
Signal Strength Indicators	Yes
Environment Temperature Indicator	Yes
Battery	AA x 4 (included)
Standard Battery Life	3 years
Dimension (mm)	75 x 124 x 0.8
Operating Temperature	-10°C to +55°C



Model	DS-PS1-E-WE	DS-PS1-I-WE
Image	 <p>1. Front and rear panel tamper-proof 2. 3 kinds of alarm sounds: fire alarm, panic alarm, and intrusion alarm</p>	 <p>1. Front and rear panel tamper-proof 2. 3 kinds of alarm sounds: fire alarm, panic alarm, and intrusion alarm</p>
Colour	Blue/Red	White
Installation	Wall mounting	Wall mounting
Sounder Output	110dB	110dB
Piezo Sounder	Yes	Yes
LED Strobe	Yes	Blue, Red
Tamper Protection	Front and back	Front and back
Encapsulated PCB	Yes	Yes
Transmission Technology	Tri-X wireless technology	Tri-X wireless technology
Two-way Wireless Communication	Yes	Yes
Transmission Frequency	868MHz	868MHz
RF Range	1600m (open area)	1600m (open area)
Transmission Encryption	AES-128 encryption	AES-128 encryption
Enrolling Methods	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency Hopping	Multichannel transmission	Multichannel transmission
Signal Strength Indicators	Yes	Yes
Environment Temperature Indicator	Yes	Yes
Power Input	12 VDC (independent from battery)	-
Battery	CR123A x 4 (included)	CR123A x 4 (included)
Standard Battery Life	5 years	5 years
Dimension (mm)	190 x 200 x 47.4	90 x 90 x 30
Waterproof	IP65	-

## Hikvision Hybrid Panel

Model	DS-PKF1-WE
Image	 <div style="text-align: right; color: red; font-weight: bold; font-size: small;">NEW</div> <div style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px; color: red; font-weight: bold; font-size: x-small;">Tamper-proof</div>
Colour	White
Buttons	4
Functions	8 (Relay control coming soon)
Keyfob Lock	Yes
Silent and Audible Panic	Yes
Status LED indicator	Arm, (blue), disarm (green) and fault (orange)
Transmission Technology	Tri-X wireless technology
Two-way Wireless Communication	Yes
Transmission Frequency	868MHz
RF Range	900m (open area)
Transmission Encryption	AES-128 encryption
Enrolling Methods	Power up, remote ID and QR code
Frequency Hopping	Multichannel transmission
Signal Strength Indicators	Yes
Battery	CR2032 x 1 (included)
Standard Battery Life	3 years
Dimension (mm)	35 x 63 x 11.6




Model	DS-PHA20-P	DS-PHA20-W2P	DS-PHA64-M	DS-PHA64-W4M
Image	 <div style="text-align: right; color: red; font-weight: bold; font-size: x-small;">HOT</div> <div style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px; color: red; font-weight: bold; font-size: x-small;">Up to 20 Inputs, 20 Outputs</div>	 <div style="text-align: right; color: red; font-weight: bold; font-size: x-small;">HOT</div> <div style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px; color: red; font-weight: bold; font-size: x-small;">Up to 20 Inputs, 20 Outputs; Supports 2 Channel Video Verification</div>	 <div style="text-align: right; color: red; font-weight: bold; font-size: x-small;">HOT</div> <div style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px; color: red; font-weight: bold; font-size: x-small;">Up to 64 Inputs, 64 Outputs</div>	 <div style="text-align: right; color: red; font-weight: bold; font-size: x-small;">HOT</div> <div style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px; color: red; font-weight: bold; font-size: x-small;">Up to 64 Inputs, 64 Outputs; Supports 4 Channel Video Verification</div>
Alarm Input	4 on-board zones , and 16 wired/ wireless zones expandable	4 on-board zones , and 16 wired/ wireless zones expandable	8 on-board zones , and 56 wired/wireless zones expandable	8 on-board zones , and 56 wired/wireless zones expandable
Alarm Output	2 on-board outputs, and 18 wired/ wireless outputs expandable	2 on-board outputs, and 18 wired/ wireless outputs expandable	4 on-board outputs, and 60 wired/ wireless outputs expandable	4 on-board outputs, and 60 wired/ wireless outputs expandable
Partition	4	4	8	8
Sounder	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens
SMS Notification (with 3G/4G/GPRS module)	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers
Network Camera Accessing	-	2	-	4
Cellular Network (with 3G/4G/GPRS module)	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud
Tamper Switch	1	1	1	1
Network Interface	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface
Telephone Interface	1, PSTN expander interface	1, PSTN expander interface	1, PSTN expander interface	1, PSTN expander interface
Battery Interface	Lithium Battery (-P model)	Lithium Battery (-P model)	Storage Battery (-M model)	Storage Battery (-M model)
Operation Temperature	-10°C to +55°C (-4°F to 122°F)	-10°C to +55°C (-4°F to 122°F)	-10°C to +55°C (-4°F to 122°F)	-10°C to +55°C (-4°F to 122°F)

Model	DS-PHA64-B	DS-PHA64-W4B
Image	 <span style="color: orange;">HOT</span>  <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Up to 64 Inputs, 64 Outputs</span>	 <span style="color: orange;">HOT</span>  <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Up to 64 Inputs, 64 Outputs; Supports 4 Channel Video Verification</span>
Alarm Input	8 on-board zones, and 56 wired/wireless zones expandable	8 on-board zones, and 56 wired/wireless zones expandable
Alarm Output	4 on-board outputs, and 60 wired/wireless outputs expandable	4 on-board outputs, and 60 wired/wireless outputs expandable
Partition	8	8
Sounder	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens
SMS Notification (with 3G/4G/GPRS module)	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers
Network Camera Accessing	-	4
Cellular Network (with 3G/4G/GPRS module)	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud
Tamper Switch	1	1
Network Interface	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface
Telephone Interface	1, PSTN expander interface	1, PSTN expander interface
Battery Interface	-	-
Operation Temperature	-10°C to +55°C (-4°F to 122°F)	-10°C to +55°C (-4°F to 122°F)






Model	DS-19A08-01BN	DS-19A08-01BNG
Image	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Up to 256 Inputs, 256 Outputs</span>	 <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Up to 256 Inputs, 256 Outputs</span>
Alarm Input	8 inputs onboard expandable to 256	8 inputs onboard expandable to 256
Alarm Output	4 outputs onboard and expandable to 256 (Capacity:30VDC/1A)	4 outputs onboard and expandable to 256 (Capacity:30VDC/1A)
Siren Power Supply	12 VDC / 750 mA	12 VDC / 750 mA
PSTN	Yes	Yes
Supported Keypads (LCD)	32	32
Tamper-proof Switch	1, Support Tampering Alarm	1, Support Tampering Alarm
Partitions	8 Partitions, 1 Public Partition	8 Partitions, 1 Public Partition
SMS Alarm-Report Push	-	Yes
Arming/Disarming via SMS Command	-	Yes
Cellular Network	-	GPRS
SIM Card Slot	-	1
Network Interface	1 RJ-45; 10M/100M Self-adaptive	1 RJ-45; 10M/100M Self-adaptive
Keypad Interface	1 RS-485 Half-duplex	1 RS-485 Half-duplex
Working Temperature	-10°C to +55°C	-10°C to +55°C
Working Humidity	10% to 90%	10% to 90%
Installation Mode	Wall-mounting	Wall-mounting
Dimension (mm)	370 × 320 × 86	370 × 320 × 86
Weight (kg)	< 3.5	< 3.5





## Wired Detector


Model	DS-PDP18-E62	DS-PDC15-E62	DS-PDD12-E62
Image	 <span style="color: red; font-weight: bold; font-size: small;">NEW</span> <span style="border: 1px solid red; border-radius: 15px; padding: 2px; color: red; font-size: x-small;">52 zones 3D optics including creep-zone protection, full coverage without dead angle</span>	 <span style="color: red; font-weight: bold; font-size: small;">NEW</span> <span style="border: 1px solid red; border-radius: 15px; padding: 2px; color: red; font-size: x-small;">52 zones 3D optics including creep-zone protection, full coverage without dead angle</span>	 <span style="color: red; font-weight: bold; font-size: small;">NEW</span> <span style="border: 1px solid red; border-radius: 15px; padding: 2px; color: red; font-size: x-small;">52 zones 3D optics including creep-zone protection, full coverage without dead angle</span>
Detection Range	18m, 85.9°	15m, 6.3°	12m, 85.9°
Detection Speed	0.3 to 2 m/s	0.3 to 2 m/s	0.3 to 2 m/s
Sensitivity	High, Auto, Low	-	High, Auto, Low
Auto Sensitivity	Yes	Yes	Yes
Onboard EOL	Yes	Yes	Yes
Digital Temperature Compensation	Yes	Yes	Yes
Technology	Digital microprocessor based	Digital microprocessor based	Digital microprocessor based
SEC Technology	Yes	Yes	Yes
Sealed Optics	Yes	Yes	Yes
Creep Zone Protection	Yes	Yes	Yes
Direct Light Filter	6500lux	6500lux	6500lux
Tamper Protection	Front	Front	Front
LED Indicator	Blue (alarm)	Blue (alarm)	Green(PIR), Orange(microwave), Blue(alarm)
Microwave Frequency	-	-	24Ghz (24.15Ghz to 24.25Ghz)
Microwave Range	-	-	Potentiometer adjustment
AND/OR Mode	-	-	AND = PIR + MW OR = PIR / MW(shouldn't be used with pets)
Pet Immunity	10Kg (With optional pet mask)	-	10Kg (With optional pet mask)
Power Supply	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)
Current Consumption	11 mA max	11 mA max	17 mA max
Operating Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Storage Temperature	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)
Operating Humidity	10% to 90%	10% to 90%	10% to 90%
Installation Height (m)	1.8 to 2.4	2.4 to 3.6	1.8 to 2.4
Dimension (mm)	65.4 x 86.8 x 45.5	86.8 x 65.4 x 45.5	65.7 x 103.8 x 45.5
Weight (g)	68	68	99
Bracket	Optional wall & ceiling accessory	Optional wall & ceiling accessory	Optional wall & ceiling accessory



Model	DS-PD2-P10PE	DS-PD2-P15E
Image	 <span style="color: orange; font-weight: bold; font-size: small;">HOT</span> <span style="border: 1px solid red; border-radius: 15px; padding: 2px; color: red; font-size: x-small;">Digital temperature compensation</span>	 <span style="border: 1px solid red; border-radius: 15px; padding: 2px; color: red; font-size: x-small;">Digital temperature compensation</span>
Detection Range	10 m	15 m
Detection Angle	85°	85°
Detection Speed	0.3 to 3m/s	0.3 to 3m/s
Mounting Height (m)	1.8 to 2.4	1.8 to 2.4
Anti-Masking	-	-
Anti Blocking	-	-
Animal Immunity (Kg)	up to 24	-
Blue Wave Technology	Yes	Yes
Automatic Sensitivity	Yes	Yes
Digital Temperature Compensation	Yes	Yes
Separate Indication: Microwave, PIR And Alarm	-	-
3 Microwave Frequencies to Avoid Interference	-	-
DEOL Resistors Onboard	Yes	Yes
Tamper Protection	Front	Front
Optics	Sealed optics	Sealed optics
Geometric Lens Configuration	3D	3D
Ceiling Mounted Bracket Included	Yes	Yes
Wall Mounted Bracket Included	Yes	Yes
Power Supply	9 to 16 VDC	9 to 16 VDC


Model	DS-PD2-P18CE	DS-PD2-P120E-C	DS-PD2-D15E	DS-PD2-D10PE	DS-PD2-D15AME
Image	 Digital temperature compensation	 Front tamper protection	 3 Microwave Frequencies to Avoid Interference	 HOT 3 Microwave Frequencies to Avoid Interference	 HOT 3 Microwave Frequencies to Avoid Interference
Detection Range	18 m	12 m	15 m	10 m	15 m
Detection Angle	10°	360°	85°	85°	85°
Detection Speed	0.3 to 3m/s	0.3 to 3m/s	0.3 to 3m/s	0.3 to 3m/s	0.3 to 3m/s
Mounting Height (m)	1.8 to 3	2.4 to 4	1.8 to 2.4	1.8 to 2.4	1.8 to 2.4
Anti-Masking	-	-	-	-	Yes
Anti Blocking	-	-	-	-	Yes
Animal Immunity (Kg)	-	-	-	up to 24	-
Blue Wave Technology	Yes	Yes	Yes	Yes	Yes
Automatic Sensitivity	Yes	Yes	Yes	Yes	Yes
Digital Temperature Compensation	Yes	Yes	Yes	Yes	Yes
Separate Indication: Microwave, PIR And Alarm	-	-	Yes	Yes	Yes
3 Microwave Frequencies to Avoid Interference	-	-	Yes	Yes	Yes
DEOL Resistors Onboard	Yes	Yes	Yes	Yes	Yes
Tamper Protection	Front	Front	Front	Front	Front and rear
Optics	Sealed optics	Sealed optics	Sealed optics	Sealed optics	Sealed optics
Geometric Lens Configuration	3D	3D	3D	3D	3D
Ceiling Mounted Bracket Included	Yes	-	Yes	Yes	Yes
Wall Mounted Bracket Included	Yes	-	Yes	Yes	Yes
Power Supply	9 to 16 VDC	9 to 16 VDC	9 to 16 VDC	9 to 16 VDC	9 to 16 VDC

Model	DS-PD2-T10AME-EH	DS-PD2-T12AME-EL
Image	 <b>HOT</b> IP55, Anti-masking, Anti-blocking	 <b>HOT</b> IP55, Anti-masking, Anti-blocking, Anti-sway
Detection Range	10 m	12 m
Detection Angle	90°	85°
Detection Speed	0.3 to 3m/s	0.3 to 3m/s
Mounting Height (m)	1.8 to 2.4	1 to 1.5
Anti-Masking	Yes	Yes
Anti-Blocking	Yes	Yes
Anti-Sway Analytics	Yes	Yes
Animal Immunity (Kg)	Up to 10	Up to 24
3 Detection Logic: 2 PIR + MW	Yes	Yes
Automatic Sensitivity	Yes	Yes
IFT Technology	Yes	Yes
Digital Temperature Compensation	Yes	Yes
Separate Indication: Microwave, Infrared, Alarm	Yes	Yes
Blue Wave Technology	Yes	Yes
Intergrated Walk Test Buzzer	Yes	Yes
Optics	Sealed	Sealed
Waterproof	IP55 rated	IP55 rated
Dimension (mm)	188 x 77 x 84	188 x 77 x 84
Microwave Frequency	10.515, 10.525, 10.535GHz	10.515, 10.525, 10.535GHz
Power Supply	9 to 16 VDC	9 to 16 VDC

Model	DS-PD1-EB	DS-PD1-EB-PF
Image		
Shell Material	Flame Retardant ABS	Metal
Contact Mode	NO/NC	NO/NC
Dimension (mm)	49.5 x 53.5 x 32.5	333 x 88 x 145
Capacity	250 VDC/300mA	250 VDC/300mA



Model	DS-PD1-BG9
Image	 <p>Anti-electromagnetic interference and anti-RF interference</p>
Operation Voltage	9-16V DC
Quiescent Current	≤15mA(12V DC)
Alarm Current	≤25mA
Detection Range	High sensitivity:9m, Low sensitivity:5m
Test Time	≤60s
Operating Temperature	-10°C to +80°C
Relay Output	NC, contact rating 28 VDC, 80mA


Model	DS-PD1-MC-MS	DS-PD1-MC-RS
Image		 <p>For rolling door</p>
Shell Material	Metal plating	Metal plating
Capacity	≤100 VDC	≤100 VDC
Current	≤500 mA	≤500 mA
Contact Scheme (NC\NO)	NC	NC
Distance(mm)	≥35	≥65
Installation	Screw	Surface
Dimension (mm)	50 × 18 × 10	108 × 40 × 8 (Master) 88 × 20 × 21 (Slaver)




Model	DS-PD1-SKM
Image	 <p>Firm zinc-aluminum alloy shell, with the function of static electricity reduction</p>
Operating Voltage	12 VDC (Valid: 9V to 14V)
Current	18mA
Working Temperature	-35°C to +70°C
Working Humidity	95% (Without Condensation)
Capacity	12 VDC 300 mA
Dimension (mm)	88 × 58 × 25



Wired Peripherals


Model	DS-PK-L	DS-PK-LRT
Image	 <p>1. 80 × 25 mm LCD Screen Display 2. One-push to Arm 3. Supports displaying the real-time system status by LED indicator 4. Supports displaying the real-time zones status and events by LCD screen</p>	
Numeric Key	12 (0 1 2 3 4 5 6 7 8 9 * #)	
Function Key	8 Function Keys (Project, Query, Panic, Bypass, Fire, One-push to arm, Scroll up, Scroll down)	
Indicator	Fault( Orange ●), Network( Green ●), Alarm( Red ●), Armed/Disarmed( Blue ●), Set( Red/Green ●/●)	
Tamper-proof	Yes	
Uplink Communication	RS-485	
Sound Prompt	Buzzer	
Wireless Frequency	N/A	433MHz/868MHz optional


Model	DS-PKG-H4L	DS-PKG-H8L
Image	 <p>Real time zone status display</p>	 <p>Real time zone status display</p>
Numeric Key	12 (0 1 2 3 4 5 6 7 8 9 * #)	
Function Key	Project, Panic, Status, and Bypass	
Indicator	Zone status indicator: 4, red/green	Zone status indicator: 8, red/green
Tamper-proof	Supported	
Uplink Communication	RS-485	
Sound Prompt	Buzzer	
Operation Temperature	-10°C to +55°C (14°F to 131°F)	





Model	DS-PM-RSWR
Image	 <p>A converter between wired panel and wireless detectors</p>
Wireless Detector	8
Wireless Keyfob	32
RF Frequency	433MHz/ 868MHz
RF Transmission Distance	400 m (open space)
Indicator	1 Red/Green dual color LED
Tamper Protection	Front and rear
Power Supply	12 VDC

Model	DS-PM-MI1	DS-PM-MI2	DS-PM-MI8
Image	 MBUS Single Input Expander with 8.2K EOL	 MBUS Dual-inputs expander with 8.2K EOL	 MBUS 8 Inputs Expander with 8.2K EOL
Input	1	2	8
Dimensions (mm)	62 × 33 × 19.5	49.4 × 32 × 14.3	74 × 132.5 × 27




Model	DS-PM-M04-H	DS-PM-M032
Image	 Control 4-ch of normally open (NO) or normally closed (NC) relay output when connecting to the control panel via MBUS	 Control 32-ch of normally open (NO) or normally closed (NC) relay output when connecting to the control panel via MBUS
Output	4	32
Dimensions (mm)	114 × 187 × 31	184 × 387 × 31

Model	DS-PM-MR
Image	 Extend the distance of MBUS and amplify the signal to improve communication quality
Cable Transmission Distance and Cross-sectional Area	Transmission Distance: 2400m, Cross-sectional area: 1.5mm <sup>2</sup>
Dimensions (mm)	74 × 135 × 28



Model	DS-PM-RS18
Image	 Supports Normally Open (NO) or Normal Close (NC) monitoring inputs with the wiring of 2K/3.3K/5.6K/8.2K terminal resistances (EOL)
Input	8
Dimensions (mm)	132.5 × 74 × 28




Model	DS-PM-RS04	DS-PM-RS08	DS-PM-RS04-H	DS-PM-RS08-H
Image	 Control normally open (NO) or normally closed (NC) relay output (Capacity: DC30V/1A) when connecting to the control panel	 Control normally open (NO) or normally closed (NC) relay output (Capacity: DC30V/1A) when connecting to the control panel	 Capacity: 220 VAC/10A	 Capacity: 220 VAC/10A
Output	4	8	4	8
Dimensions (mm)	144 × 187 × 31	144 × 197 × 31	144 × 232 × 31.2	144 × 232 × 31.2

## Wireless Control Panel

Model	DS-PWA32-H	DS-PWA32-HGR	DS-PWA32-HSR
Image	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">LAN + Wi-Fi</span>	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">LAN + Wi-Fi + GPRS Support RF Card</span>	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">LAN + Wi-Fi + 3/4G Support RF Card</span>
Color	White	White	White
Frequency	433MHz / 868MHz	433MHz / 868MHz	433MHz / 868MHz
Transmission Distance	800 m (Open area)	800 m (Open area)	800 m (Open area)
Ethernet	RJ45 10 M / 100 M adaptable Ethernet interface	RJ45 10 M / 100 M adaptable Ethernet interface	RJ45 10 M / 100 M adaptable Ethernet interface
GPRS (SMS&Call)	-	Yes	-
3G/4G (SMS&Call)	-	-	Yes
Keypad	-	-	-
LCD Screen	-	-	-
Tag Reader	-	Yes	Yes
Wireless Input	32	32	32
Wireless Keyfob	8	8	8
Wireless Output Expander	4	4	4
Wireless Siren	4	4	4
Voice Prompt	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker
Tamper Switch	Yes	Yes	Yes
Power Interface	5 VDC	5 VDC	5 VDC
Backup Battery	Lithium battery (4600mAh)	Lithium battery (4600mAh)	Lithium battery (4600mAh)
Power Consumption	<10 W	<10 W	<10 W


## Wireless Detector


Model	DS-PD2-P10P-W	DS-PD2-D12-W
Image	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Digital Temperature Compensation</span>	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">Separate Indication: Microwave, PIR, and Alarm</span>
Detection Range	10 m	12 m
Detection Speed	0.3 to 3m/s	0.3 to 3m/s
Detection Angle	85°	85°
Detection Zones	56 zones, 6 planes	60 zones, 7 planes
Mounting Height (m)	1.8 to 2.4	1.8 to 2.4
Animal Immunity (kg)	Up to 24	-
Blue Wave Technology	Yes	Yes
Automatic Sensitivity	Yes	Yes
Digital Temperature Compensation	Yes	Yes
Separate Indication: Microwave, PIR, and Alarm	-	Yes
3 Microwave Frequencies to Avoid Interference	-	Yes
Tamper Protection	Front and rear	Front and rear
Transmission Distance	800 m (open area)	800 m (open area)
Battery	1x CR123A (included)	2x CR123A (included)
Ceiling Mounted Bracket Included	Yes	Yes
Wall Mounted Bracket Included	Yes	Yes


Model	DS-PD2-D10P-W	DS-PD2-P25-W	DS-PD2-P15C-W
Image	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 15px; padding: 2px; display: inline-block;">Separate Indication: Microwave, PIR, and Alarm</span>	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 15px; padding: 2px; display: inline-block;">Digital Temperature Compensation</span>	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 15px; padding: 2px; display: inline-block;">Digital Temperature Compensation</span>
Detection Range	10 m	25 m	15 m
Detection Speed	0.3 to 3m/s	0.3 to 3m/s	0.3 to 3m/s
Detection Angle	85°	8°	10°
Detection Zones	56 zones, 6 planes	46 zones, 6 planes	24 zones, 6 planes
Mounting Height (m)	1.8 to 2.4	1.8 to 2.4	1.8 to 3
Animal Immunity (kg)	Up to 24	-	-
Blue Wave Technology	Yes	Yes	Yes
Automatic Sensitivity	Yes	Yes	Yes
Digital Temperature Compensation	Yes	Yes	Yes
Separate Indication: Microwave, PIR, and Alarm	Yes	-	-
3 Microwave Frequencies to Avoid Interference	Yes	-	-
Tamper Protection	Front and rear	Front and rear	Front and rear
Transmission Distance	800 m (open area)	800 m (open area)	800 m (open area)
Battery	2x CR123A (included)	1x CR123A (included)	1x CR123A (included)
Ceiling Mounted Bracket Included	Yes	Yes	Yes
Wall Mounted Bracket Included	Yes	Yes	Yes


Model	DS-PD2-T10P-WEH	DS-PD2-T12P-WEL
Image	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 15px; padding: 2px; display: inline-block;">IP55, Anti-masking, Anti-blocking</span>	 <span style="color: yellow;">HOT</span> <span style="border: 1px solid red; border-radius: 15px; padding: 2px; display: inline-block;">IP55, Anti-masking, Anti-blocking</span>
Detection Range (m)	10	12
Detection Angle	85°	90°
Mounting Height (m)	1.8 to 2.4	1 to 1.5
Two-way Wireless Technology	Yes	Yes
Intergrated Walk Test Buzzer	Yes	Yes
Separate LED Indication	Top: Microwave, PIR 1 and alarm Bottom: PIR 2	Top: Microwave, PIR 1 and alarm Bottom: PIR 2
3 Microwave Frequencies to Avoid Interference	Yes	Yes
Anti-Sway Analytics	Yes	Yes
Animal Immunity (Kg)	Up to 10	Up to 24
Adjustable Sensitivity	High or low range	High or low range
White Light Filter	6500 Lux	6500 Lux
Detection Method	Tri-Signal Detection Logic	Tri-Signal Detection Logic
Sensor	2 low -ise dual element passive infrared sensors and a microwave doppler unit	2 low -ise dual element passive infrared sensors and a microwave doppler unit
Waterproof	IP55 rated	IP55 rated
Transmission Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz
Transmission Distance	800 m (open area)	800 m (open area)
Battery	2 x 3V Lithium battery (included)	2 x 3V Lithium battery (included)




Model	DS-PD1-PM-W
Image	 IP66
Transmission Frequency	433MHz
Modulation	Frequency modulation
Transmission Distance	500 m (Open area)
Tamper Proof	Yes
Working Temperature	-10°C to +55°C
Working Humidity	10% to 90%
Waterproof	IP66
Dimensions (mm)	60 × 31 × 10
Weight (g)	22
Battery	CR2450, 2 years (included)


Model	DS-PD1-EB-WR
Image	 Wireless Panic Button
Transmission Frequency	433MHz
Transmission Method	Two-way wireless, AES-128 encryption
Transmission Distance	800 m (open area)
LED Indicator	Red: Alarm
Battery	1X CR2450 3.0V (included)
Operation Temperature	-10°C to +55°C
Dimensions (mm)	63.8 × 63.8 × 17.9
Weight (g)	46
Application	Indoor


Model	DS-PD1-WL-W
Image	 Secured by AES-128 encryption
Transmission Frequency	433MHz
Transmission Distance	300m (Open area)
Tamper Switch	YES
Detection Method	Touch
Operation Temperature	-10°C to +55°C
Operation Humidity	≤95%RH
Dimensions (mm)	73 × 52 × 21
Weight (g)	64.5

Model	DS-PD1-MC-WWS
Image	
Transmission Frequency	433 MHz / 868 MHz
Transmission Distance	800m (Open area)
LED Indicator	1
Tamper Switch	Supported (Front shell and Rear cover)
Battery	CR123A 3.0V, 2 years (included)
Operation Temperature	-10°C to +55°C
Operation Humidity	10% to 90%
Dimensions (mm)	84 × 25 × 21
Weight (G)	37

Wireless Peripherals



Model	DS-PD1-TP-W
Image	 <p>Secured by AES-128 encryption</p>
Transmission Frequency	433MHz
Transmission Distance	300m (Open area)
Tamper Switch	Yes
Detection Method	Touch
Working Temperature	-10°C to +55°C
Working Humidity	≤95%RH
Dimensions (mm)	73 × 52 × 21
Weight (g)	61.5


Model	DS-PKA-WLM
Image	 <p>HOT</p> <p>Full touch screen design with LED backlight</p>
Function Keys	Fire alarm, away arming, stay arming, disarming, delete, and confirm
Card	Supports standard IC card swiping
Buzzer	1
Transmission Distance	800m (Open area)
Transmission Frequency	433 MHz / 868 MHz
Power	3 VDC power input
Battery Type	4 AA Battery
Operation Humidity	10% to 90% (No condensing)
Operation Temperature	-10°C to +55°C [-4°F to 122°F]
Color	White
Dimension	φ131.5 mm [5.2"] height: 23 mm [0.9"]

Model	DS-PTA-WL
Image	 <p>HOT</p> <p>IP65</p>
Indicator	3, red, green and orange
Buzzer	Prompt for card operation and tampering alarm
Transmission Distance	800m (Open area)
Transmission Frequency	433 MHz/868 MHz
Power	3 VDC power input
Battery Type	4 AAA battery
Operation Humidity	10% to 90% (no condensing)
Operation Temperature	-20°C to +60°C [-4°F to 140°F]
Color	White
Dimension	90.78 × 90.78 × 15.5 mm (3.57" × 3.57" × 0.61")

Model	DS-PSG-WI	DS-PSG-WO
Image	 <p>IP54 indoor installation; 110 dB sounder Adjustable volume: low, medium, and high</p>	 <p>IP54 indoor installation; 110 dB sounder Adjustable volume: low, medium, and high</p>
Transmission Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz
Modulation	Frequency modulation	Frequency modulation
Transmission Distance	800m (Open area)	800m (Open area)
Indicator	Blue (on front panel), Green/Red (on PCB)	Blue (on front panel), Green/Red (on PCB)
Tamper Proof	Yes	Yes
Battery Type	3 CR123A Battery (default) or 12 VDC	4 CR123A Battery (default) or 12 VDC
Working Temperature	-10°C to +60°C (-13°F to 140°F)	-25°C to +60°C (-13°F to 140°F)
Working Humidity	10% to 90% (no condensing)	10% to 90% (no condensing)
Dimensions (mm)	90.0 × 90.0 × 30.0 mm (35.4" × 35.4" × 1.18")	220.5 × 205.2 × 46 mm (8.68" × 8.08" × 1.81")
Waterproof	IP54	IP65

Model	DS-19K00-Y	DS-PKFE-5
Image		
Button	Arm, Disarm, Stay arm, Panic alarm, Alarm elimination	Arm, Disarm, Stay arm, Panic alarm, Alarm elimination
Transmission Frequency	433MHz	868MHz
Transmission Distance	300 m (Open area)	300 m (Open area)
Encryption Scheme	Rolling code DES	Rolling code DES
Indicator	Red/Green LED	Red/Green LED
Battery	3V/210mAh (included)	3V/210mAh (included)
Dimensions (mm)	63 × 49 × 16	63 × 49 × 16
Weight (g)	24.5	24.5

Model	DS-PM-W02	DS-PM-W08
Image	 <span style="float: right; color: orange;">&lt;HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block;">AES-128 encryption</span>	 <span style="float: right; color: orange;">&lt;HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block;">AES-128 encryption</span>
Transmission Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz
Transmission Distance	800m (Open area)	800m (Open area)
RF Speed	10.0kbps	10.0kbps
Alarm Output Type	2-way, Up to 30VDC/1A	8-way, Up to 30VDC/1A
Power Supply	9 to 15 VDC	9 to 15 VDC
Tamper	Front and rear	Front and rear
Status LEDs	3 LEDs: Power(green), Fault(orange), Signal strength(green&orange)	3 LEDs: Power(green), Fault(orange), Signal strength(green&orange)
Switch	One onboard switch for turning on/off LED	One onboard switch for turning on/off LED
Shell Material	PC+ABS	PC+ABS
Application Scenario	Indoor	Indoor
Operating Temperature	-10°C to +55°C	-10°C to +55°C
Operating Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (mm)	160 × 105 × 28	160 × 105 × 28

Model	DS-PM-W11
Image	 <span style="float: right; color: orange;">&lt;HOT</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block;">AES-128 encryption</span>
Transmission Frequency	433 MHz / 868 MHz
Transmission Distance	800m (Open area)
RF Speed	10.0kbps
Alarm Input Type	One NC input
Power Supply	CR123/3V (included)
Tamper	Front and rear
Status LEDs	One red & green LED
Button	One onboard tamper button
Switch	One switch for turning on/off LED
Shell Material	PC+ABS
Application Scenario	Indoor
Operating Temperature	-10°C to +55°C
Operating Humidity	10% to 90% (Non-Condensing)

## Security Alarm





# Emergency Alarm




## Quick Response To Security Needs

Hikvision's Emergency Alarm Series has been specifically designed for use in public places to expand safety, confidence, and security. These alarms are especially useful when emergency situations occur and timely responses are required. Both pole mounted and box mounted panic alarm station designs are available to cover a multitude of scenarios.



- > Video collection and 24/7 monitoring with 2 MP HD IR camera
- > Internal audible and visual alarm
- > Electronically controlled & conventional cabinet locks




Model	DS-PEAP-CVS1	DS-PEAP-CV1	DS-PEAP-CVS1E	DS-PEAP-CV1E
Image	 <p><b>NEW</b></p> <ul style="list-style-type: none"> <li>1. Dual network ports</li> <li>2. Support POE</li> <li>3. IK10</li> <li>4. IP65</li> <li>5. Standard SIP</li> <li>6. Braille on button</li> <li>7. 3G/4G</li> </ul>	 <p><b>NEW</b></p> <ul style="list-style-type: none"> <li>1. Dual network ports</li> <li>2. Support POE</li> <li>3. IK10</li> <li>4. IP65</li> <li>5. Standard SIP</li> <li>6. Braille on button</li> </ul>	 <p><b>NEW</b></p> <ul style="list-style-type: none"> <li>1. Dual network ports</li> <li>2. Support POE</li> <li>3. IK10</li> <li>4. IP65</li> <li>5. Standard SIP</li> <li>6. Braille on button</li> <li>7. 3G/4G</li> </ul>	 <p><b>NEW</b></p> <ul style="list-style-type: none"> <li>1. Dual network ports</li> <li>2. Support POE</li> <li>3. IK10</li> <li>4. IP65</li> <li>5. Standard SIP</li> <li>6. Braille on button</li> </ul>
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	2 MP HD IR Camera	2 MP HD IR Camera	2 MP HD IR Camera	2 MP HD IR Camera
Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m
Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, HIK-SIP, RTSP	TCP/IP, HIK-SIP, RTSP	TCP/IP, HIK-SIP, RTSP	TCP/IP, HIK-SIP, RTSP
PSTN	1	1	1	1
Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port
I/O Input	2	2	2	2
I/O Output	2	2	2	2
Public Network Transmission	ISUP 2.0/Standard SIP	ISUP 2.0/Standard SIP	ISUP 2.0/Standard SIP	ISUP 2.0/Standard SIP
Network Encryption	User name and password authentication	User name and password authentication	User name and password authentication	User name and password authentication
SD Card	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G
3G/4G Module	Yes	No	Yes	No
Power Supply	12 VDC/POE	12 VDC/POE	12 VDC/POE	12 VDC/POE
Operation Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Operation Temperature	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C
Dimension (mm)	190 x 119 x 47	190 x 119 x 47	229 x 138 x 44.5	229 x 138 x 44.5
Mounting mode	Wall and surface mounting	Wall and surface mounting	Wall and flush mounting	Wall and flush mounting

Model	DS-PEA1-N1	DS-PEA1-21	DS-PEA2-21
Image	 <p>&lt;HOT</p> <p>1. Dual network ports 2. Support POE 3. IK10</p>	 <p>&lt;HOT</p> <p>1. Dual network ports 2. Build-in loudspeaker and pickup with cracking voice prevention 3. Video collection and all-day monitoring with 2 MP HD IR camera</p>	 <p>1. Dual network ports 2. Video collection and all-day monitoring with 2 MP HD IR camera 3. Internal audible and visual alarm</p>
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	NO	2 MP HD IR Camera, IR Distance ≥ 10 m	2 MP HD IR Camera, IR Distance ≥ 10 m
Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 3 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input
Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, SNMP, SIP-HIK, RTSP, DHCP	TCP/IP, RTSP, SNMP, HIK-SIP	TCP/IP, RTSP, SNMP, HIK-SIP
Ethernet Port	1 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port
I/O Input	2	2	2
I/O Output	1	2	2
Public Network Transmission	ISUP 2.0	ISUP 2.0	ISUP 2.0
Network Encryption	Supports User Lock-in and Password Security Prompt	Supports User Lock-in and Password Security Prompt	Supports User Lock-in and Password Security Prompt
Switch	NO	NO	NO
Alarm Lamp	NO	NO	1, Light Can be Configured Separately
Siren	NO	NO	1, Sound Can be Configured Separately
SD Card	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128G
Power Supply	12 VDC/POE	12 VDC	220 VAC
Operation Humidity	10% to 90%	10% to 90%	10% to 90%
Operation Temperature	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C
Installation	Wall Mounting	Wall Mounting	Hold Hooping and Wall Mounting
Dimension (mm)	170 x 108 x 39.5	218 x 128 x 58	504 x 327.7 x 125

## Pole Panic Alarm Station

Model	DS-PEA3M-21	DS-PEA3M-21H
Image	 <p>1. Dual network ports 2. Video collection and all-day monitoring with 2 MP HD IR camera 3. Electronic Controlled Cabinet Lock/ Normal Cabinet Lock</p>	 <p>1. Dual network ports 2. Video collection and all-day monitoring with 2 MP HD IR camera 3. Internal audible and visual alarm 4. Electronic Controlled Cabinet Lock/Normal Cabinet Lock 5. Including 8 Ports switch*</p>
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	2 MP HD IR Camera, IR Distance ≥ 10 m	2 MP HD IR Camera, IR Distance ≥ 10 m
Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input
Audio Output	1-ch 30 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 30 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, RTSP, SNMP, HIK-SIP	TCP/IP, RTSP, SNMP, HIK-SIP
Ethernet Port	2 RJ45 10M/100M Self-adaptive Ethernet Port	2 RJ45 10M/100M Self-adaptive Ethernet Port
I/O Input	2	2
I/O Output	2	2
Public Network Transmission	ISUP 2.0	ISUP 2.0
Network Encryption	Supports User Lock-in and Password Security Prompt	Supports User Lock-in and Password Security Prompt
Switch	No	8-ports switch × 1
Alarm Lamp	1 Red and Blue Alarm Lamp, Light Can be Configured Separately	1 Red and Blue Alarm Lamp, Light Can be Configured Separately
Siren	110dB, Sound Can be Configured Separately	110dB, Sound Can be Configured Separately
SD Card	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128G
Power Supply	220 VAC	220 VAC
Operation Humidity	10% to 90%	10% to 90%
Operation Temperature	-25°C to +55°C	-25°C to +55°C
Installation	Ground Mounting	Ground Mounting
Dimension (mm)	450 x 500 x 2205	450 x 500 x 4534

## Master Station

Model	DS-PEA4H-10
Appearance	 <p>1. Rotatable 2 MP built-in camera 2. Video intercom between general/ pole/ box panic alarm station and master station 3. Real-time intercom, monitoring, group broadcast, quick dialing, call forwarding, call waiting etc. 4. Auto noise suppression and auto echo cancellation</p>
Built-in Camera	CMOS, 2 MP, 1920 × 1080, PAL: 25 FPS, NTSC: 30 FPS
Screen	10.1-inch colorful TFT LCD, 1280 × 800
Operation Type	Touch screen, and mechanical key
Audio Input	Built-in microphone, handset, and mic support
Audio Output	Built-in loudspeaker, and handset
Audio Compression Standard	G.711U, G.726, AAC, and Opus
Network Protocol	TCP/IP, HIK-SIP, and RTSP
Network Interface	1 RJ45 10M/100M/1000 M Self-adaptive Ethernet Ports
IO Input	4
IO Output	4, Relay Output
RJ11	1, for handset
VGA Output	1, for display user interface, which can be used synchronously with HDMI
HDMI Output	1, for display user interface, which can be used synchronously with VGA
Micro SDXC	1, Micro SDXC (≤ 128 GB)
USB	1, USB 3.0 1, USB 2.0
Power Supply	12 VDC/POE
Operation Humidity	10% to 90%
Operation Temperature	-10°C to +55°C
Consumption	≤ 15W
Dimension(mm)	With handset: 361 × 65 × 197 Without handset: 291 × 41 × 197



Security Alarm

## Security Radar



Powerful Radar, Now At Your Service

Hikvision Security Radar uses cutting-edge Hikvision technology to accurately pinpoint the location and motion trail of up to multiple potential intruders per radar, even in the harshest weather conditions. Radar solution is perfect for locations that require high security level and stable detection, such as ports, airports and large open industrial areas.

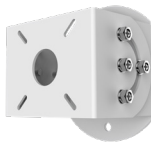


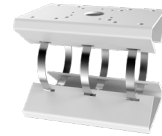

- > 7x24, all weather (IP67, IK09)
- > Wide detection coverage
- > Multiple targets auto tracking
- > Links up to 4 PTZ dome cameras



## Security Radar

Model	DS-PR1-60	DS-PR120
Image	 <div style="position: absolute; top: 80px; right: 50px; font-size: 8px; background-color: yellow; padding: 2px;">HOT</div> <div style="position: absolute; top: 170px; left: 410px; border: 1px solid red; border-radius: 15px; padding: 5px; font-size: 10px;">                     1. IP67, IK09, 24/7 all-weather                      2. Supports link to up to 4 speed dome cameras                 </div>	 <div style="position: absolute; top: 80px; right: 50px; font-size: 8px; background-color: yellow; padding: 2px;">HOT</div> <div style="position: absolute; top: 170px; left: 815px; border: 1px solid red; border-radius: 15px; padding: 5px; font-size: 10px;">                     1. IP67, IK10, 24/7 all-weather                      2. Supports link to up to 4 speed dome cameras                 </div>
Detection Range	60 m	120 m
Horizontal Angle	100°	120°
Coverage	3000 m²	15000 m²
Max. Target Number	32	64
Frequency	24 GHz	24 GHz
Network Protocol	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP,SSH	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP,SSH
Zone	8	16
Relay Output	4	4
Power Supply	12 VDC/POE	12 VDC/POE
Consumption	6 W	≤ 8 W
Operation Temperature	-40°C to 65°C (-40°F to 149°F)	-40°C to 65°C (-40°F to 149°F)
Operation Humidity	10% to 90%	10% to 90%
Protection Level	IP67, IK09	IP67, IK09
Installation	Installation height:1.2 m to 4 m [4.72" to 15.7"] [Recommended: 2.5 m [9.84"]]	Installation height:1.2 m to 4 m [4.72" to 15.7"] [Recommended: 2.5 m [9.84"]]
Weight (Kg)	1.84	1.84
Dimension (mm)	206 × 228 × 61 [8.11" × 8.98" × 2.40"]	206 × 228 × 61 [8.11" × 8.98" × 2.40"]

## Brackets

Model	DS-PRB-1110	DS-PRB-1200	DS-PRB-1310	DS-PRB-2200	DS-PRB-1120
Image					
Installation Method	Wall Bracket	Hooping Bracket	Hooping with Wallbracket	PTZ-Radar linkage, Hooping Bracket	Auxiliary Bracket



## ACCESS CONTROL VIDEO INTERCOM AND SECURITY ALARM

2020 H1

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