

PRODUCT QUICK GUIDE

# ACCESS CONTROL VIDEO INTERCOM AND ALARM PRODUCTS

September 2019



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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 / More 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

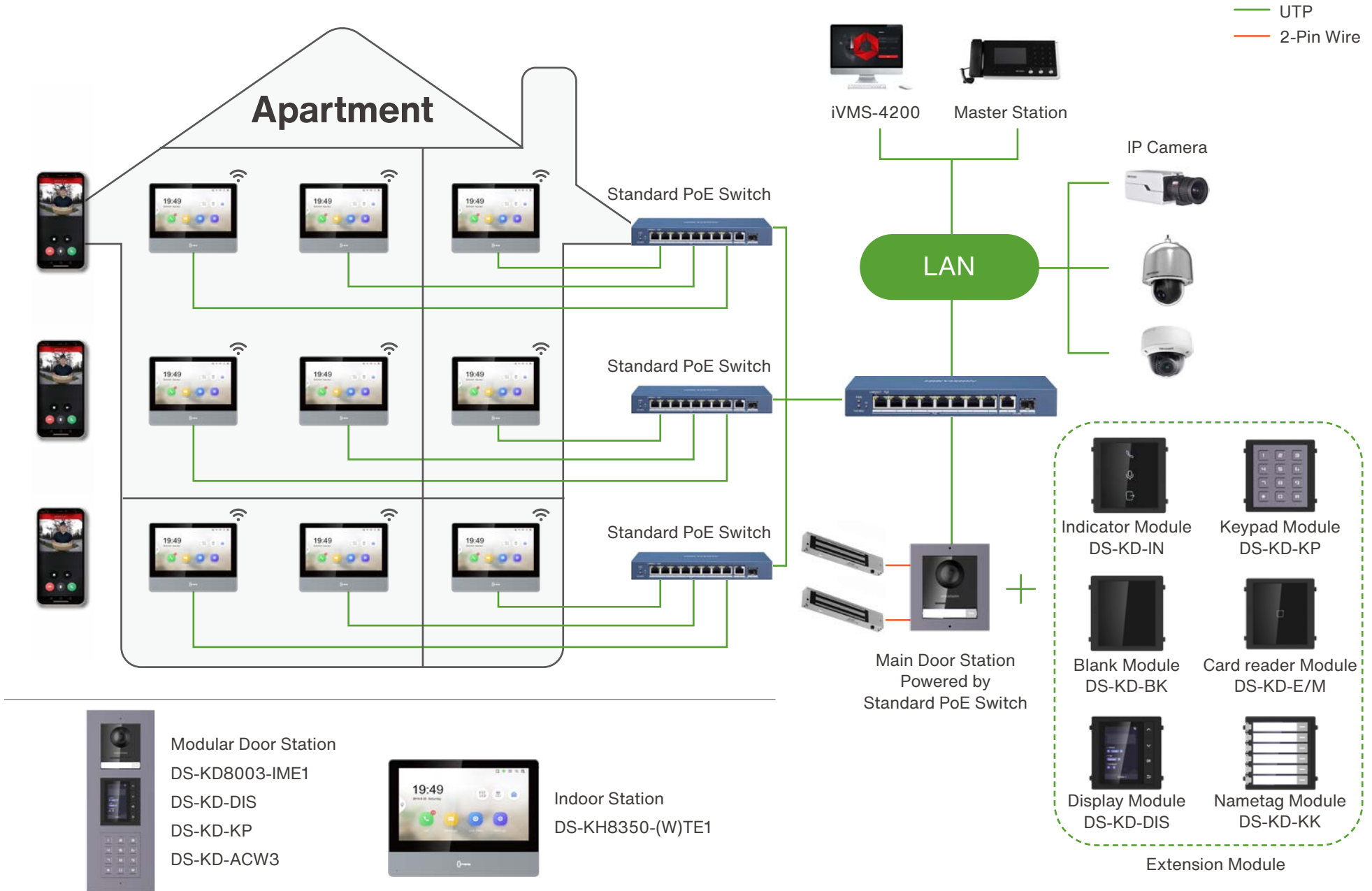


reddot award 2017  
winner



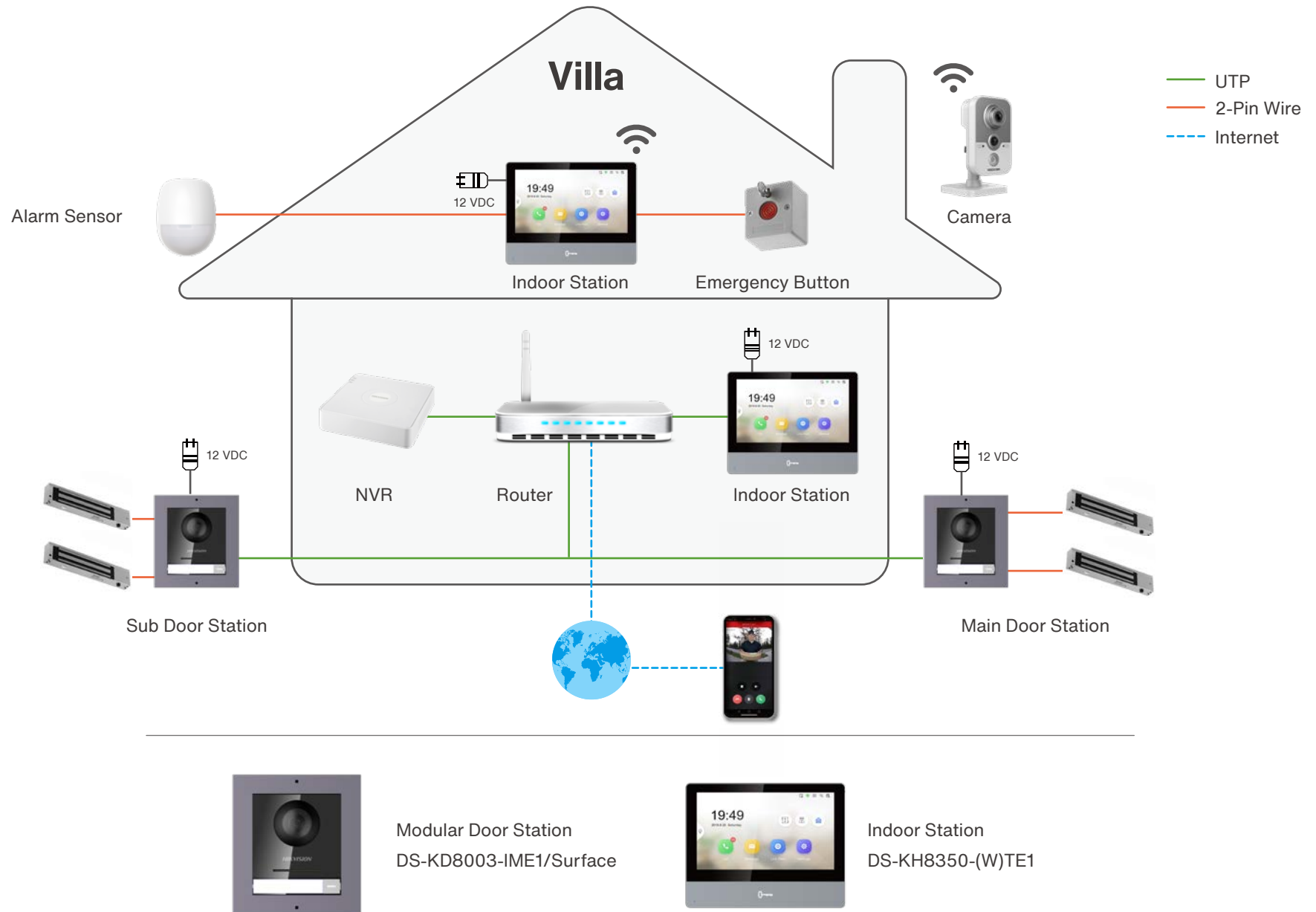
IP Series






IP Series Video Intercom - Apartment Solution






# IP Series

## IP Series Video Intercom - Villa Solution








Model	DS-KH8350-TE1	DS-KH8350-WTE1	DS-KH8520-WTE1	DS-KH6320-TE1	DS-KH6320-WTE1
Image	 <span>Indoor Station</span>	 <span>Indoor Station</span>	 <span>Indoor Station</span>	 <span>Indoor Station</span>	 <span>Indoor Station</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	 Door Station	 Door Station	 Door Station
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	 Module Door Station-Main Unit	 Module Door Station-Indicator Module
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	 <p>Modular Door Station -Display Module</p>	 <p>Modular Door Station -Display Module</p>	 <p>Module Door Station -Nametag Module</p>	 <p>Module Door Station -Keypad Module</p>	 <p>Module Door Station-Card Reader Module</p>	 <p>Module Door Station-Blank Module</p>
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	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	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>NEW</span>	 <span>NEW</span>	 <span>NEW</span>	 <span>NEW</span>	 <span>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" × )	—	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,REACHS,WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACHS,WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACHS,WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACHS,WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACHS,WEEE,UL



## Vandal-resistant Door Station

Model	DS-KB8112-IM
Image	 <p><b>&lt;HOT&gt;</b></p> <p><b>Vandal-Resistant Door Station</b></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><b>Master Station</b></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

## Distributor

Model	DS-KAD606	DS-KAD612	DS-KAD606-N	DS-KAD606-P
Image				
Interface Number	Eight 10/100 Mbps Interfaces	Sixteen 10/100 Mbps Interfaces	Eight 10/100 Mbps Interfaces	Eight 10/100 Mbps Interfaces
Interface Type	RJ-45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive	RJ-45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive	RJ-45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive	RJ-45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x	IEEE802.3, IEEE802.3u, IEEE802.3x	IEEE802.3, IEEE802.3u, IEEE802.3x	IEEE802.3, IEEE802.3u, IEEE802.3x
Processing Type	Storing and Forwarding	Storing and Forwarding	Storing and Forwarding	Storing and Forwarding
Flow Control	IEEE802.3x (Full-Duplex), Back Pressure (Half-Duplex)	IEEE802.3x (Full-Duplex), Back Pressure (Half-Duplex)	IEEE802.3x (Full-Duplex), Back Pressure (Half-Duplex)	IEEE802.3x (Full-Duplex), Back Pressure (Half-Duplex)
Priority Queue	4	4	4	4
Power Supply	110 VAC to 220 VAC, Self-adaptive (* The AC power cable is not included in the package.)	110 VAC to 220 VAC, Self-adaptive (* The AC power cable is not included in the package.)	24 VDC (* The power adapter is not included in the package.)	24 VDC
Power Consumption	<6 W	<6 W	≤8 W	≤8 W
Working Temperature	-15 °C to 55 °C (5 °F to 131 °F)	-15 °C to 55 °C (5 °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	5% to 95%, No Condensation	5% to 95%, No Condensation	10% to 90%, No Condensation	10% to 90%, No Condensation
Dimensions (L × W × H)	268.6 mm × 118.4 mm × 102.2 mm (10.6" × 4.7" × 4.0")	268.6 mm × 118.4 mm × 102.2 mm (10.6" × 4.7" × 4.0")	176 mm × 91 mm × 32 mm (6.9.3" × 35.8" × 12.6")	176 mm × 91 mm × 32 mm (6.9.3" × 35.8" × 12.6")

## 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

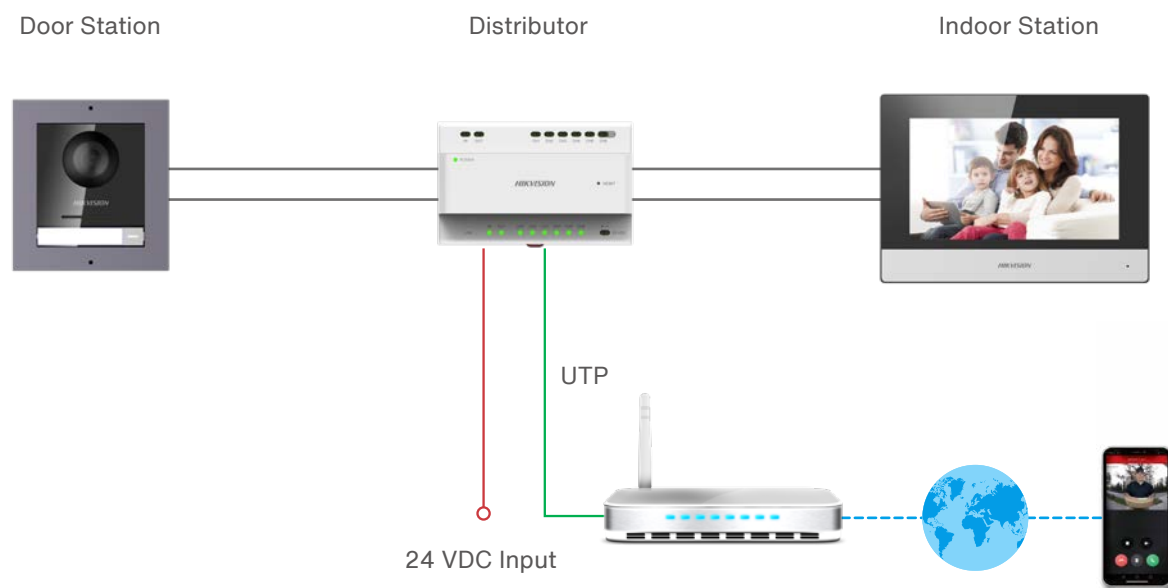


## 2-wire Series

### 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



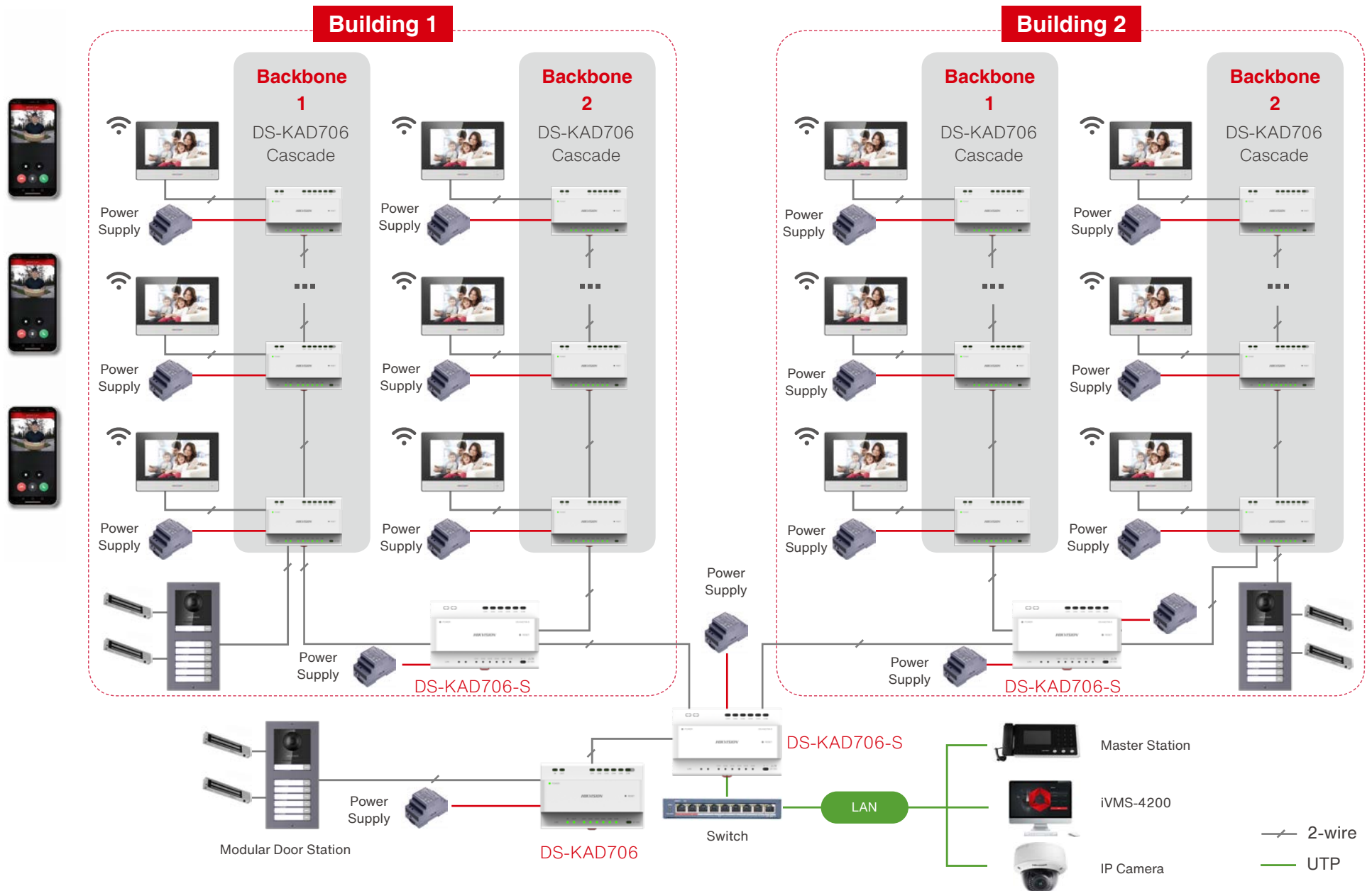
Indoor Station  
DS-KH6320-WTE2



Distributor  
DS-KAD706

# 2-wire Series

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





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-KV8103-IME2	DS-KD8003-IME2
Image		 <b>NEW</b>
	2-wire Door Station	2-wire Modular Door Station-Main Unit
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	CMOS Low Illumination 2 MP HD Colorful 155° Fisheye Camera	CMOS Low Illumination 2 MP HD Colorful 180° Fisheye Camera
Video Compression Standard	H.264	H.264
Resolution	1920 × 1080	1920 × 1080
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
Door Magnetic Detection	Detects Door Magnetic Status	Detects Door Magnetic Status
Light Supplement Mode	IR Supplement	IR Supplement
Alarm Input	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm
2-Wire Interface	Support	Support
RS-485	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
I/O Input	2	4
Relay	1(30V, 1A)	2(30V, 1A)
Material	Stainless Steel	—
Power Supply	24 VDC, Power over 2-wire cable (DS-KAD709)	24 VDC, Power over 2-wire cable (DS-KAD706)
Power Consumption	≤12 W	≤16 W
Working Temperature	-30° C to +60° C (-22° F to 140° F)	-40° C to +60° C (-40° F to 140° F)
Working Humidity	10% to 90%	10% to 95%
IP Protection Level	IP65	IP65
Dimensions(L × W × H)	163 mm × 104 mm × 44 mm [6.42" × 4.09" × 1.73"]	98 mm × 99.8 mm × 43.9 mm [3.86" × 3.93" × 1.73"]

## Distributor

Model	DS-KAD709	DS-KAD706	DS-KAD706-S
Image		 <b>NEW</b>	 <b>NEW</b>
	2-wire Video/Audio Distributor	2-wire Video/Audio Distributor	2-wire Video/Audio Distributor
Ethernet	10/100M Interface	10/100M Interface	10/100M Interface
2-Wire Interface	9-ch 2-wire Interface	6-ch 2-wire Interface	6-ch 2-wire Interface for Data Exchanging
Power Supply	24 VDC	24 VDC	24 VDC
Power Consumption	60 W	< 9W	< 7W
Working Temperature	10° C to +55° C (14° F to 131° F)	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	10% to 90%, No Condensation
Dimensions(L × W × H)	112.2 mm × 111 mm × 66 mm [4.42" × 4.37" × 2.60"]	—	—

## Indoor Station

Model	DS-KH8340-TCE2	DS-KH6320-WTE2
Image	 <b>NEW</b>	 <b>NEW</b>
	2-wire Indoor Station	2-wire Indoor Station
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Display Screen	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD
Display Resolution	1024 × 600	1024 × 600
Operation Method	Capacitive Touch Screen, Touch Key	Capacitive Touch Screen
Video Compression Standard	H.264	H.264
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
2-Wire Interface	2-wire Interface	2-wire Interface
RS-485	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
I/O Output	1 Relay Output	2 Relay Output
Power Supply	24 VDC, Power over 2-wire cable (DS-KAD709)	24 VDC, Power over 2-wire cable (DS-KAD706)
Power Consumption	≤10 W	≤6 W
Working Temperature	-10° C to +55° C (-14° F to 131° F)	-10° C to +50° C (-14° F to 122° F)
Working Humidity	10% to 90%	10% to 90%
Dimensions (L × W × H)	196 mm × 133 mm × 25.75 mm [7.72" × 5.24" × 1.01"]	200 mm × 140 mm × 15.1 mm [7.87" × 5.51" × 0.59"]



Video Intercom

## Analog Series

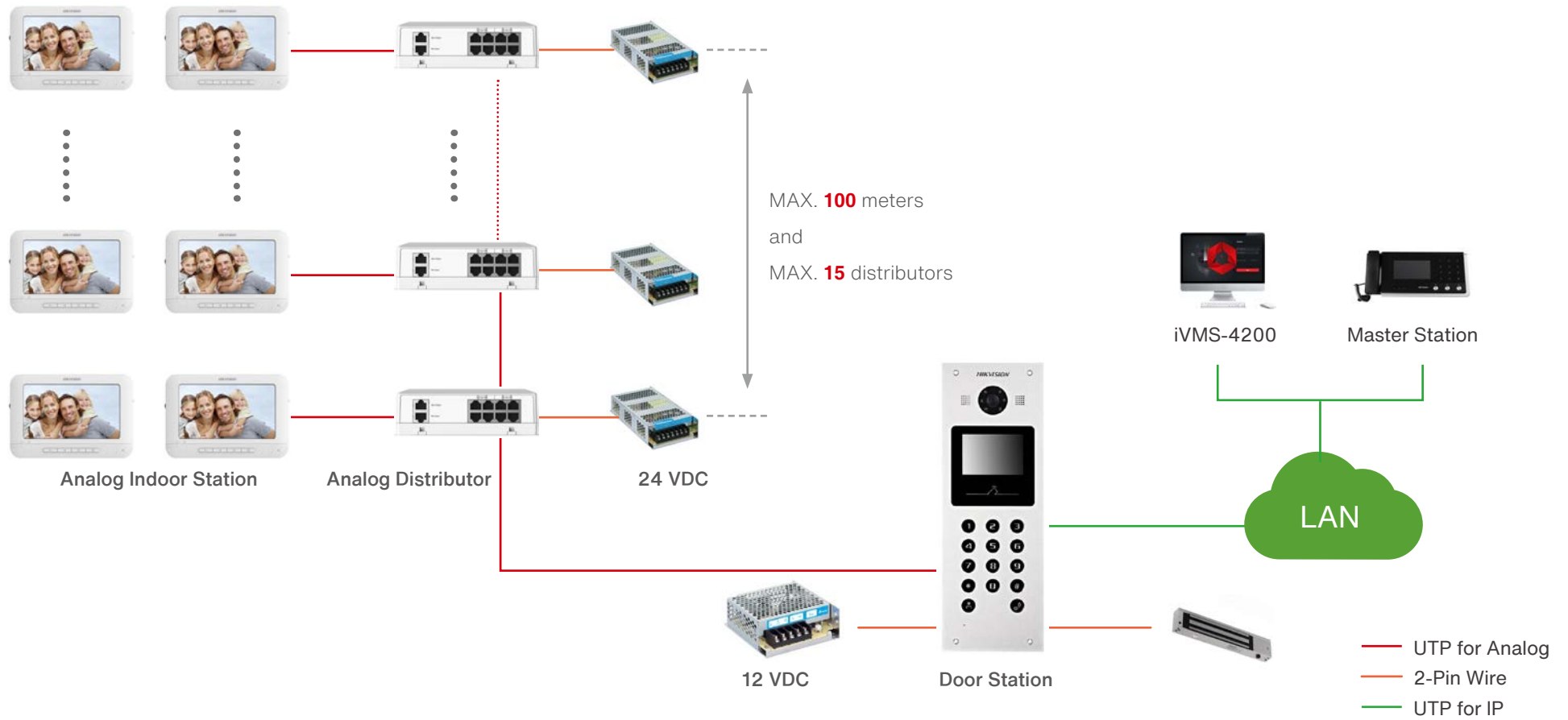
An Economical Choice for Intercom

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 surveillance
- › 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

Model	DS-KD3002-VM/Analog
Image	 <p>Analog Apartment Door Station</p>
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, RTSP
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 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%
Dimensions (L × W × H)	357 mm × 124 mm × 55 mm (14.1" × 4.9" × 2.2")

## Distributor

Model	DS-KAD312	DS-KAD308
Image	 <p>Video / Audio Distributor</p>	 <p>Video / Audio Distributor</p>
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")

## Inoor Station

Model	DS-KH3200-L
Image	 <p>Analog Apartment Indoor Station</p>
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")

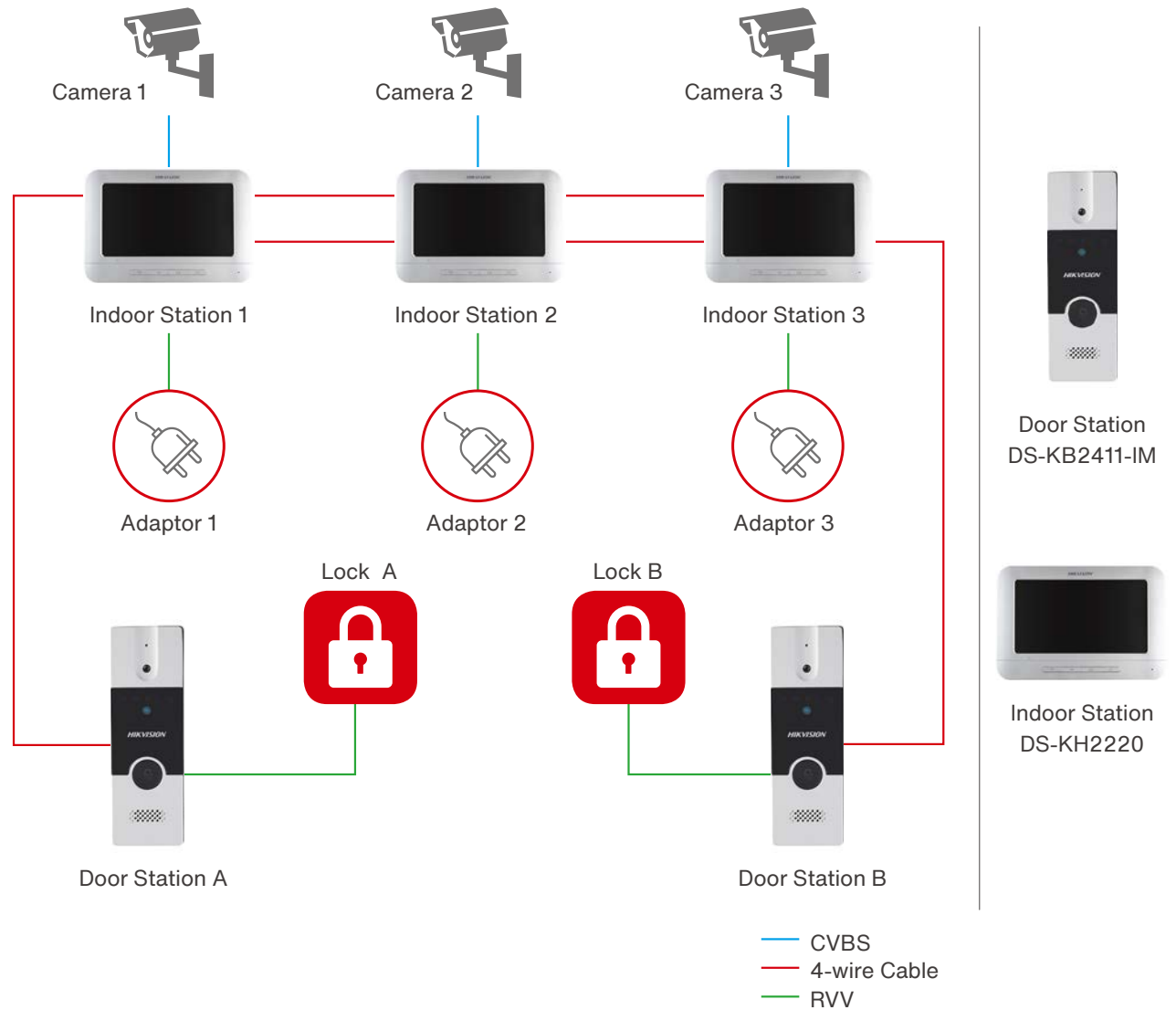
## Video Intercom

### 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



## Villa Door Station

Model	DS-KB2411-IM	DS-KB2421-IM
Image	 <b>Hot</b> <b>Analog Door Station</b>	 <b>Hot</b> <b>Water-proof Analog Door Station</b>
Camera	1/4" CMOS	1/4" CMOS
Video Compression Standard	H.264	H.264
Resolution	720 × 576	720 × 576
Video Frame Rate	PAL: 25 fps	PAL: 25 fps
Audio Output	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
Light Supplement Mode	Photosensitive IR Supplement, IR Range: 2 Meters	Photosensitive IR Supplement, IR Range: 2 Meters
I/O Output	1 Relay Output	1 Relay Output
4-wire Interface:	1 Four-Wire Interface (1-ch Video Input, 1-ch Audio Input/Output, 1-ch Power Supply, 1-ch Grounding)	1 Four-Wire Interface (1-ch Video Input, 1-ch Audio Input/Output, 1-ch Power Supply, 1-ch Grounding)
Material	Aluminum Alloy	Zinc Alloy
Power Supply	12 VDC	12 VDC
Power Consumption	Max. 3W	Max. 5W
Working Temperature	-30° C to +60° C (-22° F to 140° F)	-30° C to +70° C (-22° F to 158° F)
Working Humidity	10% to 90%	10% to 90%
Dimensions (L × W × H)	128 mm × 42 mm × 24.8 mm (5.0" × 1.7" × 0.9")	145 mm × 49.2 mm × 26.45 mm (5.7" × 1.9" × 1.0")
Protection Level	N/A	IP65

## Indoor Station

Model	DS-KH2220	DS-KH2220-S
Image	 <b>Hot</b> <b>Indoor Station</b>	 <b>Hot</b> <b>Picture-capturing Indoor Station</b>
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")



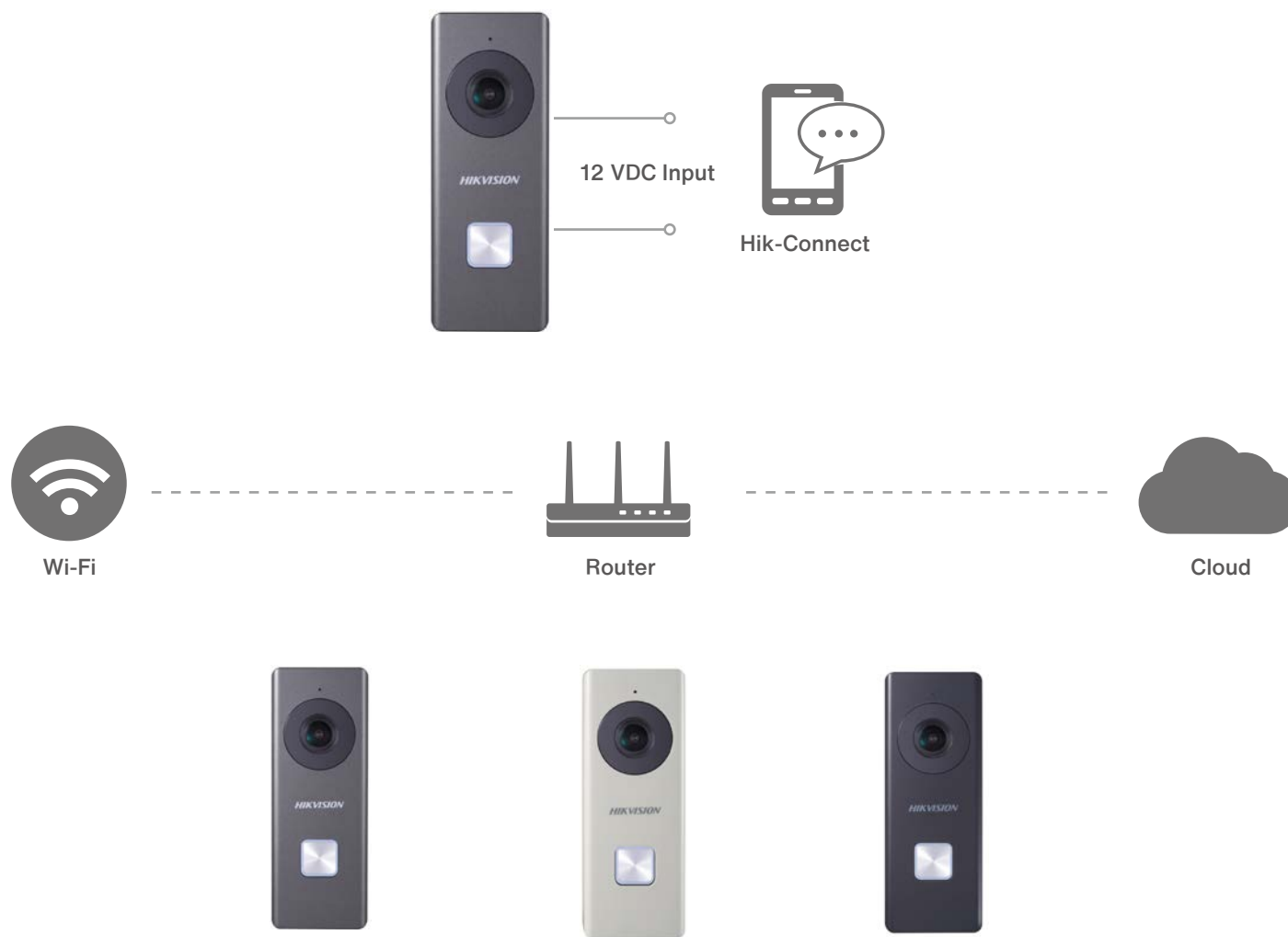
## Video Intercom

### Doorbell

Make answering doors fun and easy

- › Ultra-wide angle (180°), 1080p fisheye camera
- › True day / night modes with night vision (Nighttime IR with maximum distance of 5 meters)
- › Record & store video to TF card once the camera detects motion, and push alarm to App simultaneously
- › Volume configuration via App







Video Intercom

## Kit

One Package for Your Complete Solution

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



HOT



### 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



### 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



### **2-wire IP Video Intercom Kit**

DS-KIS701

Door Station: DS-KV8103-IME2

Indoor Station: DS-KH8340-TCE2

Video / Audio Distributor: DS-KAD709



### **Analog Apartment Video Intercom Kit**

DS-KIS301

Door Station: DS-KD3002-VM/Analog

Indoor Station: DS-KH3200-L

Video / Audio Distributor: DS-KAD312

**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

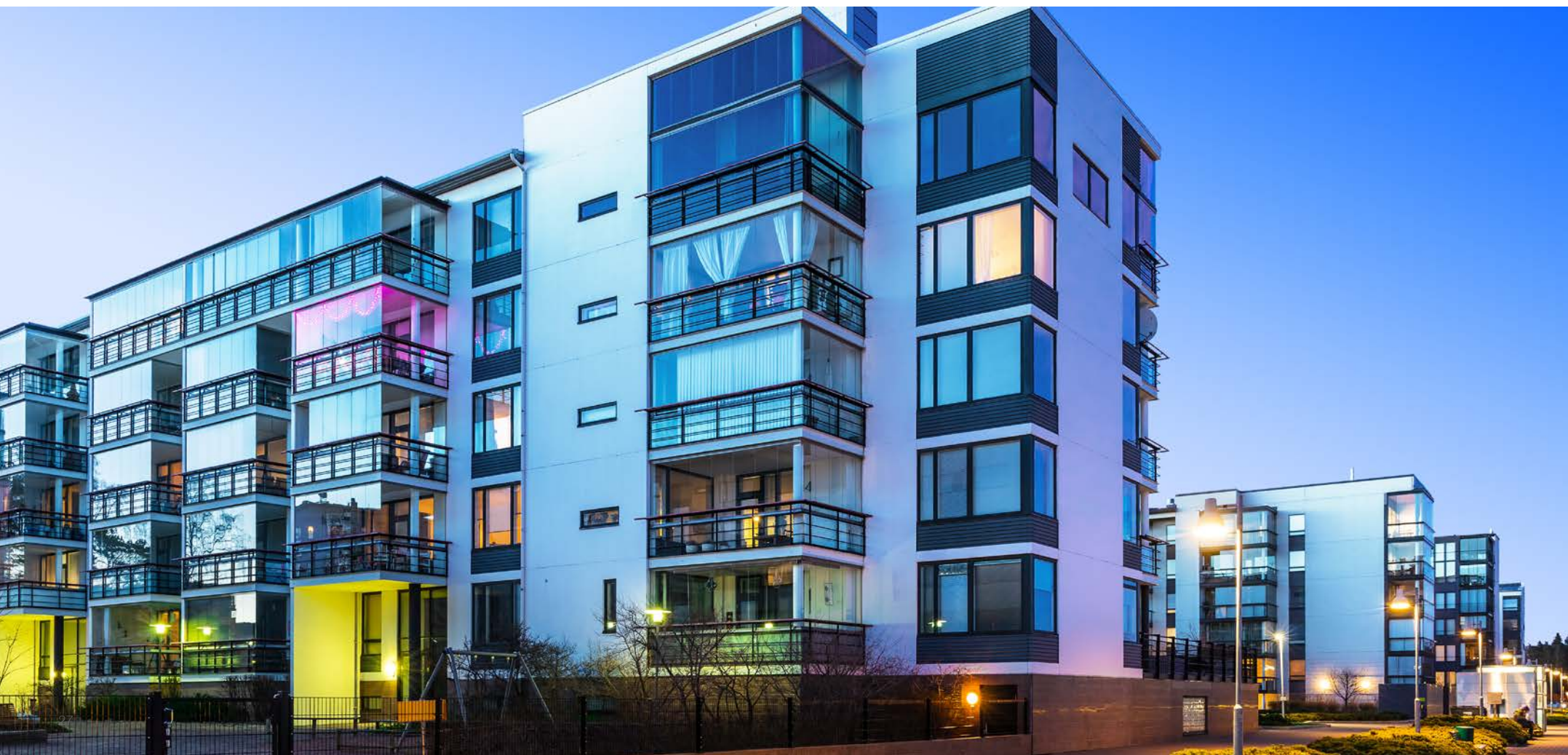







Video Intercom

## 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	 <b>Gang Box</b>	 <b>Protective Shield for DS-KV8X02-IM</b>	 <b>Protective Shield for DS-KV8X02-IM</b>	 <b>Protective Shield for DS-KD8102-V</b>	 <b>Protective Shield for DS-KD8002-VM</b>
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	 <b>Protective Shield for DS-KD3002-VM</b>	 <b>Protective Shield for DS-KV8102-IP/VP</b>	 <b>Indoor Station Table Stand</b>	 <b>Waterproof Cover for DS-KV8103-IME2</b>
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	 <p>Convenient Design Available for the Wall Mounting of the Doorbell (DS-KB2421-IM)</p>	 <p>Adapts to One-module Surface Mounting</p>	 <p>Adapts to Two-module Surface Mounting</p>	 <p>Adapts to Three-module Surface Mounting</p>
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	 <p>Adapts to One-module Flush Mounting</p>	 <p>Adapts to Two-module Flush Mounting</p>	 <p>Adapts to Three-module Flush Mounting</p>
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	 <p>Video Intercom Table Bracket for KH8350</p>	 <p>Video Intercom Table Bracket for KH6320 and KH8520</p>
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	 <p>Blank Nametag Cover</p>	 <p>Adapts to One-Module Surface Mounting</p>	 <p>Adapts to Two-module Surface Mounting, with Rain Shield, Includes 1 Button Cover</p>	 <p>Adapts to Three-module Surface Mounting, with Rain Shield, Includes 1 Button Cover</p>
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

- 033** Face Terminal
- 038** Fingerprint / Card Terminal
- 043** Access Controller
- 046** Reader
- 049** Card / Fingerprint / Face Enroller
- 051** Elevator Controller
- 052** Access Control Secure Module
- 059** Management Software

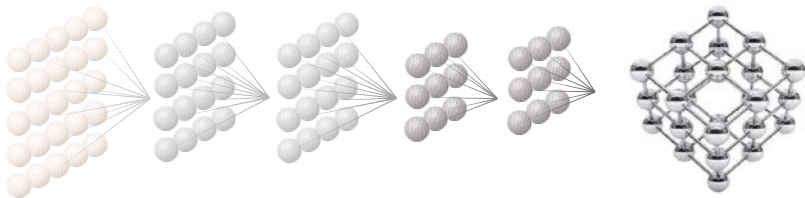


# Deep Learning TECHNOLOGY

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.



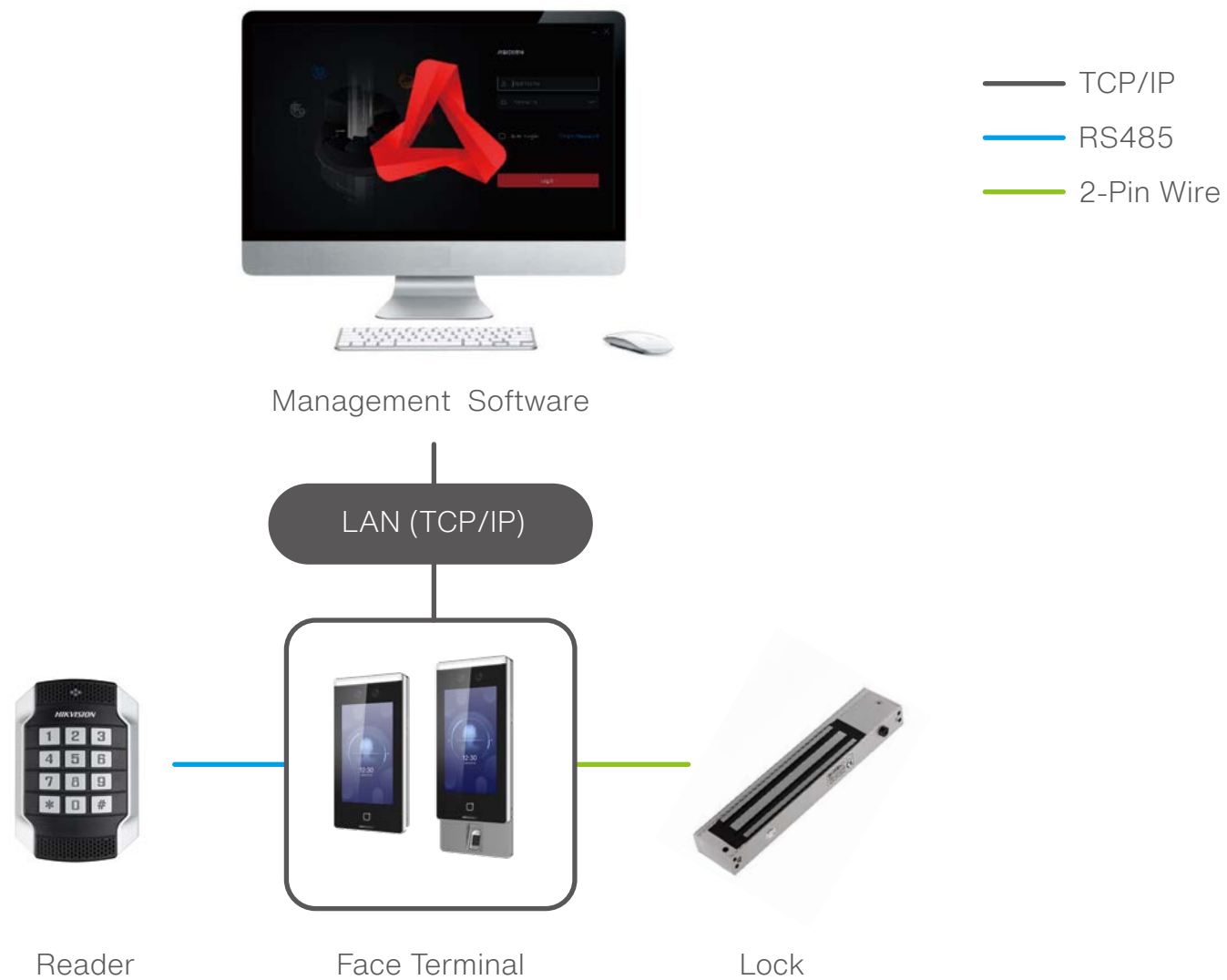
## Access Control











### Face Recognition Terminal

Ensure Security with Various Custom Terminals





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










Model	DS-K1T331/W	DS-K1T605M/E	DS-K1T605MF/EF	DS-K1T605MF-B	DS-K1T8105M/E
Image	 	 	 	 	 
Power Supply	12 VDC / 1.5A	12 VDC / 2A	12 VDC / 2A	12 VDC / 2A (with backup battery)	12 VDC / 2A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Face: 300 Events: 150,000	Cards: 5,000 Face: 3,200 Events: 100,000	Cards: 5,000 Face: 3,200 Fingerprint: 5,000 Events: 100,000	Cards: 5,000 Face: 3,200 Fingerprint: 5,000 Events: 100,000	Cards: 2,500 Face: 1,600 Events: 50,000
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)	MIFARE 1 Card (for M series)	EM Card (for E series) MIFARE 1 Card (for M series)
Communication Mode	TCP / IP, Wi-Fi (for W series), RS-485	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485 (for Secure Door Control Unit), Wiegand
LCD Screen	3.97-inch LCD Touch Screen; Resolution: 800 × 480	5-inch LCD Touch Screen; Resolution: 800 × 480	5-inch LCD Touch Screen; Resolution: 800 × 480	5-inch LCD Touch Screen; Resolution: 800 × 480	5-inch LCD Touch Screen; Resolution: 800 × 480
Camera	2 MP dual-lens camera	0.3 MP	0.3 MP	0.3 MP	0.3 MP
Face Authentication Duration	1:N < 0.2s	1:N < 1s	1:N < 1s	1:N < 1s	1:N < 1s
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, 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	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1
Output Interface	Lock × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1
Working Temperature	-10°C to +50°C (14°F to +122°F)	-10°C to +50°C (14°F to +122°F)	-10°C to +50°C (14°F to +122°F)	-10°C to +50°C (14°F to +122°F)	-10°C to +50°C (14°F to +122°F)
Protection Level	-	-	-	-	-
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")	190 mm × 157 mm × 98 mm (7.48" × 3.86" × 6.18")	190 mm × 157 mm × 98 mm (7.48" × 3.86" × 6.18")	190 mm × 157 mm × 98 mm (7.48" × 3.86" × 6.18")	190 mm × 157 mm × 98 mm (7.48" × 3.86" × 6.18")



Model	DS-K1T606M	DS-K1T606MF	DS-K1T671M	DS-K1T671MF
Image	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Terminal
Power Supply	12 VDC / 2A	12 VDC / 2A	12 VDC / 3A	12 VDC / 3A
Processor	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 5,000 Face: 3,200 Events: 100,000	Cards: 5,000 Face: 3,200 Fingerprint: 5,000 Events: 100,000	Cards: 6,000 Face: 5,000 Events: 50,000	Cards: 6,000 Face: 5,000 Fingerprint: 5,000 Events: 50,000
Card Reading Mode	MIFARE 1 Card	MIFARE 1 Card	MIFARE 1 Card	MIFARE 1 Card
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, RS-485, Wiegand	TCP / IP, RS-485, Wiegand
LCD Screen	5-inch LCD Touch Screen; Resolution: 480 × 800	5-inch LCD Touch Screen; Resolution: 480p × 800p	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch LCD Touch Screen; Resolution: 1024 × 600
Camera	2 MP	2 MP	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 < 1s	1:N < 1s	1:N < 0.2s	1:N < 0.2s
Fingerprint Capacity	-	Max. 5,000 Fingerprints	-	Max. 5,000 Fingerprints
Input Interface	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	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1
Output Interface	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1
Working Temperature	-20 °C to +50 °C (14 °F to +122 °F)	-20 °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)
Protection Level	IP65	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)
Dimension	281.5 mm × 113 mm × 45 mm (11.08" × 4.45" × 1.77")	281.5 mm × 113 mm × 45 mm (11.08" × 4.45" × 1.77")	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")

Model	DS-K1T671TMW	DS-K1T671TMFW	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 / 3A	12 VDC / 3A	12 VDC / 3A	12 VDC / 3A	12 VDC / 3A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 50,000 Face: 20,000 Events: 100,000	Cards: 50,000 Face: 20,000 Fingerprint: 5,000 Events: 100,000	Face: 20,000 Events: 100,000	Face: 20,000 Events: 100,000	Face: 20,000 Events: 100,000
Card Reading Mode	MIFARE 1 Card	MIFARE 1 Card	-	-	-
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485, Wiegand	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 LCD Touch Screen; 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 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	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, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Alarm Input × 2, USB × 1	Door Sensor × 1, Alarm Input × 2, USB × 1	Door Sensor × 1, Alarm Input × 2, USB × 1
Output Interface	Lock × 1, Alarm Output × 1	Lock × 1, Alarm 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]	-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]	-30 °C to +60 °C [-22 °F to +140 °F]
Protection Level	IP65	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	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"]	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"]

## 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-K1T804 / DS-K1A802)

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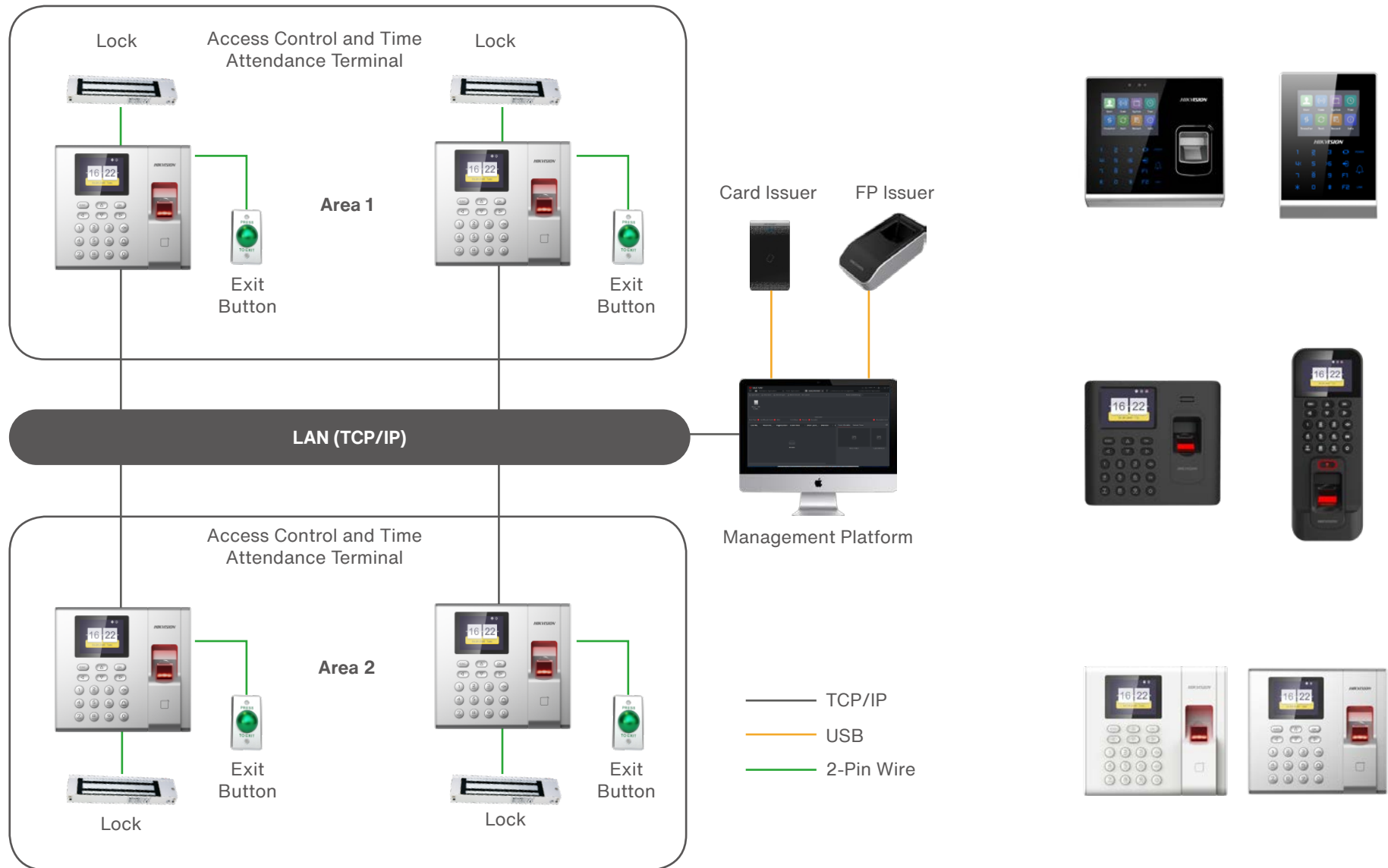
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# Fingerprint Terminal

Model	DS-K1A802F/MF/EF	DS-K1A802F/MF/EF-B	DS-K1T804F/MF/EF	DS-K1A8503F/MF/EF
Image	 <p>Fingerprint Time Attendance Terminal</p>	 <p>Fingerprint Time Attendance Terminal (Support backup battery)</p>	 <p>Fingerprint Access Control Terminal</p>	 <p>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-K1A802F)	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, Ehome	TCP / IP, Ehome	TCP / IP, Wi-Fi, RS-485 (for Secure Door Control Unit), Wiegand, Ehome	TCP / IP, Ehome
LCD Screen	2.8-inch 320 × 240 LCD-TFT Display Screen	2.8-inch 320 × 240 LCD-TFT 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	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, Ehome	TCP / IP, Ehome	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	USB	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")



Model	DS-K1T105M/E(-C)	DS-K1T801M/E	DS-K1T802M/E	DS-K1T500S
Image	 Standalone Access Control Terminal	 Standalone Access Control Terminal	 Standalone Access Control Terminal	 Video Access Control Terminal
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"]

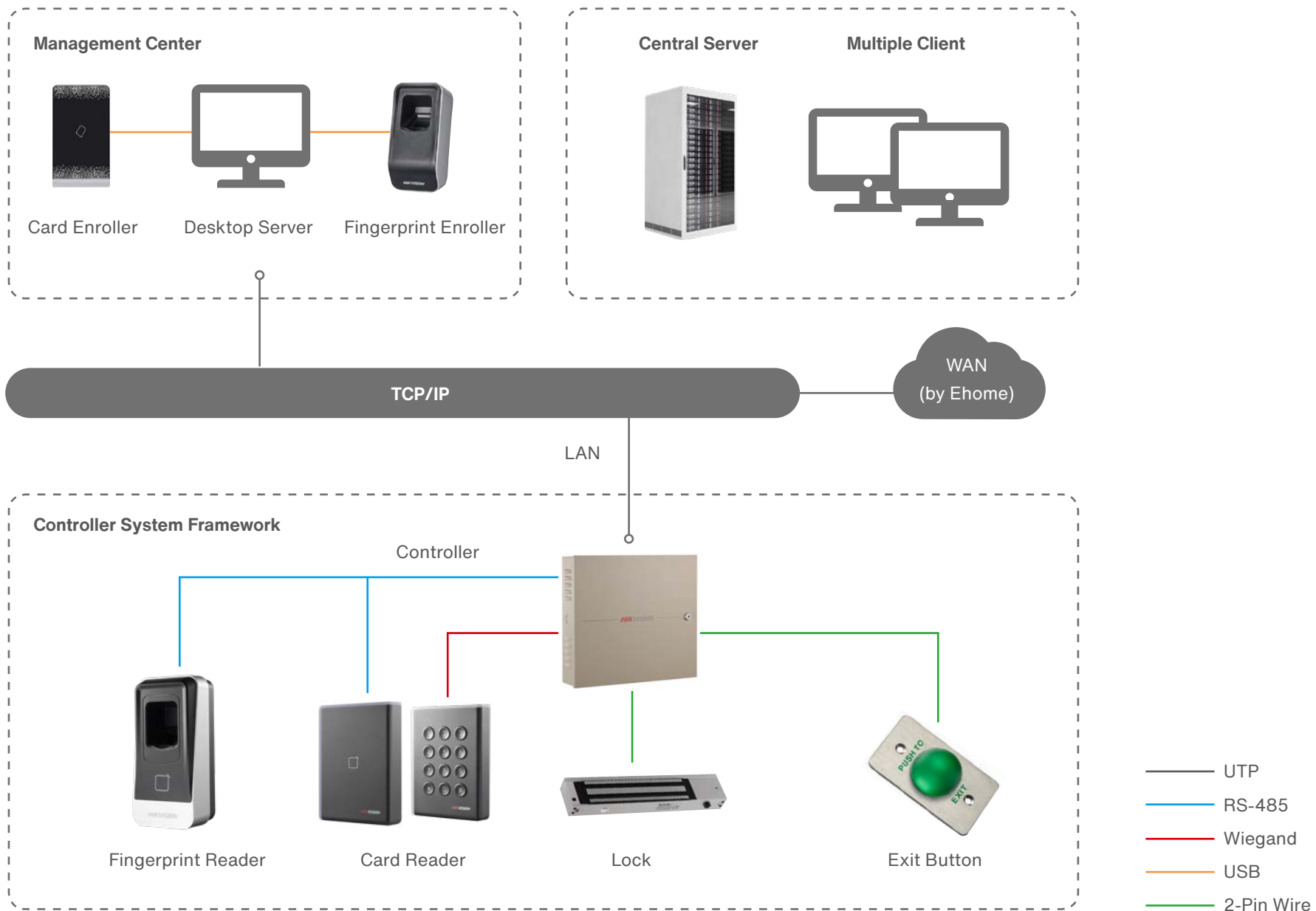
## Access Control

### 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 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 EHome protocol, multiple location management





# Access Controller

Model	DS-K2601/02/04	DS-K2801/02/04	DS-K2601T/02T/04T	DS-K2601/02/04-G
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 (Ehome5.0) & RS-485	TCP / IP (Ehome5.0) & RS-485
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	 K1100 Series Card Reader	 K1100 Series Card Reader	 K1100 Series Card Reader	 Wiegand Card Reader	 Wiegand Card Reader
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

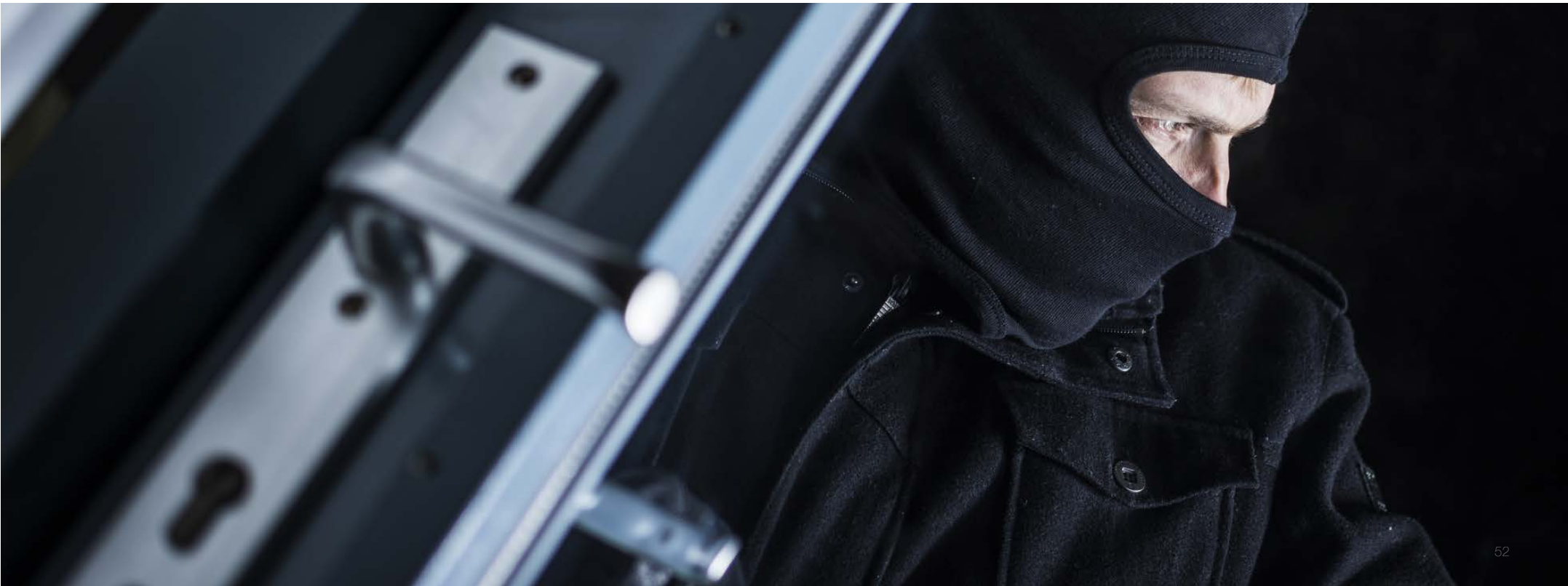
Model	DS-K2210	DS-K2M0016A
Image	 Master Elevator Controller	 Distributed Elevator Controller
Working Voltage	12 VDC	12 VDC
Power Consumption	≤4W (without load)	≤2W (without load)
Processor	32 bit	32 bit
Uplink Communication Interface	TCP/IP	RS-485
Downlink Communication Interface	RS-485, Wiegand	-
Storage	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	<div> <div>  </div> <div>Secure Door Control Unit</div> </div>
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-K4T108	DS-K4T108-U1
Image	 <b>HOT</b> <b>Electric Bolt</b>	 <b>Lower U-bracket of Electric Bolt, for Using with DS-K4T100</b>	 <b>Upper and lower U-bracket of Electric Bolt, for Using with DS-K4T100</b>	 <b>NEW</b> <b>Electric Motor Lock</b>	 <b>Electric Bolt</b>	 <b>Lower U-bracket of Electric Bolt, for Using with DS-K4T108</b>
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	-	-	-	-	-
Secure	Power Off for Unlocking	-	-	Power On for Unlocking	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	-
Working Current	900 mA (Startup Current) 100 mA (Standby)	-	-	300 mA	≤1.2A (Startup Current) 0.2A (Standby)	-
Magnetic Induction Distance	8 mm (0.31")	-	-	10 mm (0.39")	-	-
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")	-	-	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	-	Aluminum Alloy
Shell / Strike	Eco-friendly Zinc Electroplating Operated	-	-	Stainless Steel	Hard Anodizing Electroplating Operated	-
Lifetime	500 Thousand Times of Locking Operation	-	-	500 Thousand Times of Locking Operation	-	-
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, 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	-	-
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	0.7 kg (1.54 lb)	0.27 kg (0.60 lb)	1.3 kg (2.87 lb)	1.45 kg (3.2 lb)	0.74 kg	0.15 kg

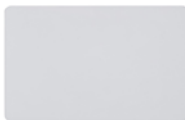
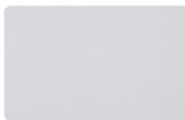
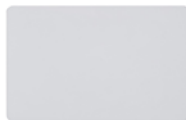

# Magnetic Lock

Model	DS-K4H250S	DS-K4H250D	DS-K4H450S	DS-K4H450D	DS-K4H250-LZ	DS-K4H250-U
Image	 <p>Single-door Magnetic Lock</p>	 <p>Double-door Magnetic Lock</p>	 <p>Single-door Magnetic Lock</p>	 <p>Double-door Magnetic Lock</p>	 <p>LZ-Bracket of Magnetic Lock, for DS-K4H250S</p>	 <p>U-Bracket of Magnetic Lock, for DS-K4H250S/D</p>
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" × 1.73")	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	 ID Card	 IC Card	 IC+HD Card	 IC Card	 IC Card
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")

# Management Software



### 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.



### Blazer ACS/E

Software and Hardware Integration Solution

Blazer ACS/E is a cost-effective professional access control management device that integrates hardware and software. With Blazer ACS/E, you can manage Hikvision's entrance and exit access control devices more efficiently.





## 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	10
<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	Support
<b>Time Attendance</b>	Support	Support	Support	Support
<b>Video Intercom</b>	Support	Support	N/A	N/A (Coming soon)
<b>Elevator Control</b>	Support	Support	N/A	Support (Coming soon)
<b>Intrusion Alarm</b>	Support	N/A	N/A	Support
<b>Visitor Management</b>	N/A	N/A	N/A	Support (Coming soon)
<b>CCTV</b>	Support	N/A	N/A	Support
<b>App</b>	N/A	N/A	Support	Support

# SECURITY ALARM

- 061 Security Radar
- 064 Hikvision Intrusion
- 079 Pyronix Intrusion
- 090 Emergency Alarm
- 094 Perimeter Protection



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	 <p>1. IP67, IK09, 24/7 all-weather 2. Supports link to up to 4 speed dome cameras</p>	 <p>1. IP67, IK10, 24/7 all-weather 2. Supports link to up to 4 speed dome cameras</p>
Detection Range	60 m	120 m
Horizontal Angle	100°	120°
Coverage	3000m²	15000m²
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	PoE or 12 VDC	PoE or 12 VDC
Consumption	6W	≤ 8W
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	1.84kg	1.84kg
Dimension	206 mm × 228 mm × 61 mm [8.11" × 8.98" × 2.40"]	206 mm × 228 mm × 61 mm [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



## 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





# Wireless Control Panel


Model	DS-PWA32-H	DS-PWA32-HG	DS-PWA32-HS	DS-PWA32-HR	DS-PWA32-HGR	DS-PWA32-HSR
Image	 <p>LAN + Wi-Fi</p>	 <p>LAN + Wi-Fi + GPRS</p>	 <p>LAN + Wi-Fi + 3/4G</p>	 <p>LAN + Wi-Fi Support RF Card</p>	 <p>LAN + Wi-Fi + GPRS Support RF Card</p>	 <p>LAN + Wi-Fi + 3/4G Support RF Card</p>
Color	Black / White	Black / White	Black / White	Black / White	Black / White	Black / White
Frequency	433MHz / 868MHz	433MHz / 868MHz	433MHz / 868MHz	433MHz / 868MHz	433MHz / 868MHz	433MHz / 868MHz
Transmission Distance	800 m (Open area)	800 m (Open area)	800 m (Open area)	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	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)	-	Support	-	-	Support	-
3G/4G(SMS&Call)	-	-	Support	-	-	Support
Keypad	-	-	-	-	-	-
LCD Screen	-	-	-	-	-	-
Tag Reader	-	-	-	Support	Support	Support
Wireless Input	32	32	32	32	32	32
Wireless Keyfob	8	8	8	8	8	8
Wireless Output Expander	4	4	4	4	4	4
Wireless Siren	2	2	2	2	2	2
Voice Prompt	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker
Tamper Switch	Support	Support	Support	Support	Support	Support
Power Interface	5 VDC	5 VDC	5 VDC	5 VDC	5 VDC	5 VDC
Backup Battery	Lithium battery (4600mAh)	Lithium battery (4600mAh)	Lithium battery (4600mAh)	Lithium battery (4600mAh)	Lithium battery (4600mAh)	Lithium battery (4600mAh)
Power Consumption	<10 W	<10 W	<10 W	<10 W	<10 W	<10 W


# Wireless Detector


Model	DS-PD2-P25-W	DS-PD2-P15C-W	DS-PD2-P10P-W	DS-PD2-D12-W	DS-PD2-D10P-W
Image	 <small>HOT NEW</small>	 <small>HOT NEW</small>	 <small>HOT NEW</small>	 <small>HOT NEW</small>	 <small>HOT NEW</small>
Detection Range	25 m	15 m	10 m	12 m	10 m
Detection Angle	20°	20 °	85°	85°	85°
Detection Zones	46 zones, 6 planes	24 zones, 6 planes	56 zones, 6 planes	60 zones, 7 planes	56 zones, 6 planes
Mounting Height (m)	1.8-2.4	1.8-2.4	1.8-2.4	1.8-2.4	1.8-2.4
Anti-masking	-	-	-	-	-
Anti-blocking	-	-	-	-	-
Animal Immunity (kg)	-	-	Up to 24	-	Up to 24
Blue Wave Technology	Support	Support	Support	Support	Support
Automatic Sensitivity	-	-	-	Support	Support
Digital Temperature Compensation	Support	Support	Support	Support	Support
Separate Indication: Microwave, PIR, and Alarm	-	-	-	Support	Support
3 Microwave Frequencies to Avoid Interference	-	-	-	Support	Support
Tamper Protection	Front and rear	Front and rear	Front and rear	Front and rear	Front and rear
Signal Strength Indicators (SSI)	Support	Support	Support	Support	Support
Transmission Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz	433 MHz / 868 MHz	433 MHz / 868 MHz	433 MHz / 868 MHz
Transmission Distance	800 m (open area)	800 m (open area)	800 m (open area)	800 m (open area)	800 m (open area)
3V Lithium Battery Included	1x CR123A	1x CR123A	1x CR123A	2x CR123A	2x CR123A
Ceiling Mounted Bracket Included	Yes	Yes	Yes	Yes	Yes
Wall Mounted Bracket Included	Yes	Yes	Yes	Yes	Yes





Model	DS-PD2-T10P-WEH	DS-PD2-T12P-WEL
Image	 <span>HOT</span> <span>NEW</span> <span>IP55, Anti-masking, Anti-blocking</span>	 <span>HOT</span> <span>NEW</span> <span>IP55, Anti-masking, Anti-blocking</span>
Detection Range (m)	10	12
Mounting Height (m)	2.4	2.4
Two-way Wireless Technology	Support	Support
Intergrated walk test buzzer	Support	Support
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	Support	Support
Anti-Sway Analytics	Support	Support
Animal Immunity (kg)	Up to 10	Up to 24
Adjustable Sensitivity	High or low range	High or low range
White Light Filter (Lux)	2500	2500
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
Weatherproof	IP55 rated	IP55 rated
Storage Temperature	-40°C ~ 80°C	-40°C ~ 80°C
Physical Dimensions (H × W × D) (mm)	180 × 80 × 105	188 × 77 × 84
Transmission Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz
Transmission Distance	800 m (Open area)	800 m (Open area)
Battery type	3V Lithium battery (included)	3V Lithium battery (included)


Model	DS-PD1-PM-W
Image	 <span>NEW</span>
Transmission Frequency	433MHz
Modulation	Frequency modulation
Transmission Distance	500 m (Open area)
Tamper Proof	Support
Working Temperature	-10°C ~ +55°C
Working Humidity	10%-90%
Waterproof	IP66
Dimensions (mm)	60 × 31 × 10
Weight (g)	22


Model	DS-PD1-EB-WR
Image	 <span>HOT</span> <span>NEW</span> <span>Wireless Panic Button</span>
Transmission Frequency	433MHz
Modulation	FM
Transmission Distance	800 m(Open area)
Indicator	Red: Alarm triggered
Battery	CR2032 3.0V, 2-year Power Supply
Operation Temperature	-10°C ~ +55°C
Operation Humidity	10% ~ 90%
Dimensions (mm)	64.9 (Diameter) × 16.7
Weight (g)	32.8
Installation	Indoor


Model	DS-PD1-WL-W
Image	 <span>HOT</span> <span>NEW</span>
Transmission Frequency	433MHz
Transmission Distance	300m (Open area)
Tamper Switch	YES
Detection Method	Touch
Working Temperature	-10°C ~ +55°C
Working Humidity	≤95%RH
Dimensions (mm)	73 × 52 × 21
Weight (g)	64.5


Model	DS-PD1-MC-WWS
Image	 <span>NEW</span>
Transmission Frequency	433 MHz / 868 MHz
Transmission Distance	800m (Open area)
Led Indicator	1
Tamper Switch	Supported (Front shell and Rear cover)
Power Interface	CR123A 3.0V, 2 years
Operation Temperature	-10°C ~ +55°C
Operation Humidity	10%~90%
Dimensions (mm)	84 × 25 × 20.99
Weight (G)	37



Model	DS-PD1-EB-WS2
Image	 <span>NEW</span> Wireless Panic Button
Hold-up Function	Yes
LED Indication	Red, Amber, Green
Two-way Wireless Technology	Yes
SSI (Signal Strength Indicators)	Yes
One Push to Learn	Yes
Transmission Method	Fully encrypted rolling code
Storage Temperature	-20°C ~ +50°C
Certified Operating Temperature	-10°C ~ +40°C
Nominal Operating Temperature	-10°C ~ +50°C
Dimensions (H*W*D) (mm)	72 × 30 × 20
Transmission Frequency	433MHz, FM transceiver
Transmission Distance	300m (Open area)
Battery Type	CR1/3N
Battery Voltage	3V



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


Model	DS-PKA-WLM
Image	 <span>HOT</span> <span>NEW</span> Full Touch Screen Design with LED Backlight
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 or black
Dimension	φ131.5 mm (5.2") height: 23 mm (0.9")


Model	DS-PTA-WL
Image	 <div> <div>HOT</div> <div>NEW</div> </div> <div>IP65</div>
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 or black
Dimension	90.78 × 90.78 × 15.5 mm (3.57" × 3.57" × 0.61")





Model	DS-PMA-WBELL
Image	
Transmission Frequency	433 MHz
Modulation	Frequency modulation
Transmission Distance	800m (Open area)
Tamper Proof	Support
Working Temperature	-10°C ~ +55°C
Working Humidity	<95%
Dimensions (mm)	Ø80*45
Weight(g)	116







Model	DS-PSG-WI	DS-PSG-WO
Image	 <div> <div>HOT</div> <div>NEW</div> </div> <div>IP54 indoor installation 110 dB sounder Adjustable volume</div>	 <div> <div>HOT</div> <div>NEW</div> </div> <div>IP65 outdoor installation 110 dB sounder Adjustable volume</div>
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	Support	Support
Power	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" × 11.8")	220.5 × 205.2 × 46 mm (8.68" × 8.08" × 1.81")

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	3V/210mAh
Dimensions (mm)	63 × 49 × 16	63 × 49 × 16
Weight (g)	24.5	24.5


Model	DS-PM-W02	DS-PM-W08
Image		
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	9-15 VDC	9-15 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 Conditions	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (mm)	160 × 105 × 28	160 × 105 × 28
Weight (g)	165	165




Model	DS-PM-W11
Image	
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
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 Conditions	10% to 90% (Non-Condensing)
Dimensions (mm)	84 × 25 × 21
Weight (g)	38.5

Model	DS-PHA20	DS-PHA20-W2	DS-PHA64	DS-PHA64-W4
Image	 <p>Up to 20 Inputs, 20 Outputs</p>	 <p>Up to 20 Inputs, 20 Outputs; Supports 2 Channel Video Verification</p>	 <p>Up To 64 Inputs, 64 Outputs</p>	 <p>Up to 64 Inputs, 64 Outputs; Supports 4 Channel Video Verification</p>
Available Model	DS-PHA20-P (Plastic Enclosure); DS-PHA20-M (Metal Enclosure); DS-PHA20-B (PCB only)	DS-PHA20-W2P (Plastic Enclosure); DS-PHA20-W2M (Metal Enclosure); DS-PHA20-W2B (PCB only)	DS-PHA64-P (Plastic Enclosure); DS-PHA64-M (Metal Enclosure); DS-PHA64-B (PCB only)	DS-PHA64-W4P (Plastic Enclosure); DS-PHA64-W4M (Metal Enclosure); DS-PHA64-W4B (PCB only)
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
Siren	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); Storage Battery (-M model)	Lithium Battery (-P model); Storage Battery (-M 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]
Operation Humidity	10% to 90% (No condensing)	10% to 90% (No condensing)	10% to 90% (No condensing)	10% to 90% (No condensing)
Dimension (W × H × D) (mm)	Plastic Enclosure: 220 × 152 × 31.5 (8.6"× 6.0"× 1.2" ) Metal Enclosure: 351.4 × 261.4 × 93.3(13.8"×10.3"×3.7")	Plastic Enclosure: 220 × 152 × 31.5 (8.6"× 6.0"× 1.2" ) Metal Enclosure: 351.4 × 261.4 × 93.3(13.8"×10.3"×3.7")	Metal Enclosure: 351.4 × 261.4 × 93.3(13.8"×10.3"×3.7")	Metal Enclosure: 351.4 × 261.4 × 93.3(13.8"×10.3"×3.7")






Model	DS-19A08-01BN	DS-19A08-01BNG	DS-19A08-BN	DS-19A08-BNG	DS-19A16-BN	DS-19A16-BNG
Image	 Up to 256 Inputs, 256 Outputs	 Up to 256 Inputs, 256 Outputs	 Up to 48 Inputs, 48 Outputs	 Up to 48 Inputs, 48 Outputs	 Up to 48 Inputs, 48 Outputs	 Up to 48 Inputs, 48 Outputs
Alarm Input	8 inputs onboard expandable to 256	8 inputs onboard expandable to 256	8 inputs onboard expandable to 48	8 inputs onboard expandable to 48	16 inputs onboard expandable to 48	16 inputs onboard expandable to 48
Alarm Output	4 outputs onboard and expandable to 256 (Capacity:30VDC/1A)	4 outputs onboard and expandable to 256 (Capacity:30VDC/1A)	4 outputs onboard and expandable to 48 (Capacity:30VDC/1A)	4 outputs onboard and expandable to 48 (Capacity:30VDC/1A)	4 outputs onboard and expandable to 48 (Capacity:30VDC/1A)	4 outputs onboard and expandable to 48 (Capacity:30VDC/1A)
Siren Power Supply	12 VDC / 750 mA	12 VDC / 750 mA	12 VDC / 750 mA	12 VDC / 750 mA	12 VDC / 750 mA	12 VDC / 750 mA
PSTN	Support	Support	Support	Support	Support	Support
Supported Keypads (LCD)	32	32	32	32	32	32
Tamper-proof Switch	1, Support Tampering Alarm	1, Support Tampering Alarm	1, Support tamper-proof function	1, Support tamper-proof function	1, Support tamper-proof function	1, Support tamper-proof function
Partitions	8 Partitions, 1 Public Partition	8 Partitions, 1 Public Partition	8 Partitions, 1 Public Partition	8 Partitions, 1 Public Partition	8 Partitions, 1 Public Partition	8 Partitions, 1 Public Partition
SMS Alarm-Report Push	-	Support	-	Support	-	Support
Arming/Disarming via SMS Command	-	Support	-	Support	-	Support
Cellular Network	-	GPRS	-	GPRS	-	GPRS
SIM Card Slot	-	1	-	1	-	1
Network Interface	1 RJ-45; 10M/100M Self-adaptive	1 RJ-45; 10M/100M Self-adaptive	1 RJ45, 10M/100M Self-adaptive	1 RJ45, 10M/100M Self-adaptive	1 RJ45, 10M/100M Self-adaptive	1 RJ45, 10M/100M Self-adaptive
Keypad Interface	1 RS-485 Half-duplex	1 RS-485 Half-duplex	1, pad BusRS-485 Half-duplex	1, pad BusRS-485 Half-duplex	1, pad BusRS-485 Half-duplex	1, pad BusRS-485 Half-duplex
Port for Accumulator	1, 12 VDC/7Ah	1, 12 VDC/7Ah	1, 12 VDC/7Ah	1, 12 VDC / 7 Ah	1, 12 VDC / 7 Ah	1, 12 VDC / 7 Ah
Consumption	≤ 60W (Load Power ≤ 40W)	≤ 60W (Load Power ≤ 40W)	≤ 5W (Load Power ≤ 40W)	≤ 5W (Load Power ≤ 40W)	≤ 5W (Load Power ≤ 40W)	≤ 5W (Load Power ≤ 40W)
Working Temperature	-10°C ~ + 55°C	-10°C ~ + 55°C	-10°C ~ + 55°C	-10°C ~ + 55°C	-10°C ~ + 55°C	-10°C ~ + 55°C
Working Humidity	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%
Installation Mode	Wall-mounting	Wall-mounting	Wall-mounting	Wall-mounting	Wall-mounting	Wall-mounting
Dimensions(L × W × H) (mm)	370 × 320 × 86	370 × 320 × 86	370 × 320 × 86	370 × 320 × 86	370 × 320 × 86	370 × 320 × 86
Weight	< 3.5kg	< 3.5kg	< 3.5kg	< 3.5kg	< 3.5kg	< 3.5kg



# Wired Detector


Model	DS-PDP18-E62
Image	 <div> <div> HOT NEW </div> <div>18 m Long Range</div> </div>
Detection Range	18 m
Detection Angle	85.9°
Mounting Height (m)	1.8-2.4
Anti-masking	-
Anti Blocking	-
Animal Immunity (kg)	-
Blue Wave Technology	Support
Automatic Sensitivity	Support
Digital Temperature Compensation	Support
Separate Indication: Microwave, PIR And Alarm	-
3 Microwave Frequencies to Avoid Interference	-
DEOL Resistors Onboard	-
Tamper Protection	Front
Dimensions (mm)	65.4× 86.8 × 45.5
Operation Temperature	-10 °C to +40 °C (14 °F to 104 °F)
Weight	68 g (2.4 oz)


Model	DS-PD1-P10P	DS-PD2-P10PE	DS-PD2-P15E
Image	 <div> <div> HOT </div> </div>	 <div> <div> HOT </div> </div>	
Detection Range	10 m	10 m	15 m
Detection Angle	90°	85 °	85°
Mounting Height (m)	1.8-2.4	1.8-2.4	1.8-2.4
Anti-masking	-	-	-
Anti Blocking	-	-	-
Animal Immunity (kg)	up to 10	up to 24	-
Blue Wave Technology	Support	Support	Support
Automatic Sensitivity	-	Support	Support
Digital Temperature Compensation	Support	Support	Support
Separate Indication: Microwave, PIR And Alarm	-	-	-
3 Microwave Frequencies to Avoid Interference	-	-	-
DEOL Resistors Onboard	-	Support	-
Tamper Protection	Front	Front	Front
Dimensions (mm)	82 × 50 × 41	117 × 69 × 50	117 × 69 × 50
Direct Light Filter (Lux)	6500	6500	6500
Optics	-	Sealed optics	Sealed optics
Geometric Lens Configuration	-	3D	3D
Ceiling Mounted Bracket Included	Yes	Yes	Yes
Wall Mounted Bracket Included	Yes	Yes	Yes







Model	DS-PD2-P18CE	DS-PD2-P12QE-C	DS-PD2-D15E	DS-PD2-D10PE	DS-PD2-D15AME
Image					
Detection Range	18 m	12 m	15 m	10 m	15 / 18 / 30 m
Detection Angle	20°	360°	85°	85°	85°
Mounting Height (m)	1.8-2.4	2.4-4	1.8-2.4	1.8-2.4	1.8-2.4
Anti-masking	-	-	-	-	Support
Anti Blocking	-	-	-	-	Support
Animal Immunity (kg)	-	-	-	up to 24	-
Blue Wave Technology	Support	-	Support	Support	Support
Automatic Sensitivity	Support	Support	Support	Support	Support
Digital Temperature Compensation	Support	Support	Support	Support	Support
Separate Indication: Microwave, PIR And Alarm	-	-	Support	Support	Support
3 Microwave Frequencies to Avoid Interference	-	-	Support	Support	Support
DEOL Resistors Onboard	-	-	Support	Support	Support
Tamper Protection	Front	Front	Front	Front	Front and rear
Dimensions (mm)	117 × 69 × 50	94 × 94 × 33	117 × 69 × 55	117 × 69 × 55	117 × 69 × 55
Direct Light Filter (Lux)	6500	no	6500	6500	6500
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

Model	DS-PD2-T10AME-EH	DS-PD2-T12AME-EL
Image	 <b>&lt;HOT&gt;</b> <b>&lt;NEW&gt;</b> IP55, Anti-masking, Anti-blocking	 <b>&lt;HOT&gt;</b> <b>&lt;NEW&gt;</b> IP55, Anti-masking, Anti-blocking, Anti-sway
Detection Range	10 m	12 m
Detection Angle	90°	85°
Mounting Height (m)	2.4	1.2
Anti-masking	Support	Support
Anti-blocking	Support	Support
Anti-sway Analytics	-	Support
Animal Immunity (kg)	Up to 10	Up to 24
3 Detection Logic: 2 PIR + mw	Support	Support
Automatic Sensitivity	Support	Support
IFT Technology	Support	Support
Digital Temperature Compensation	Support	Support
Separate Indication: Microwave, Infrared, Alarm	Support	Support
Blue Wave Technology	Support	Support
DEOL Onboard	Support	Support
Tamper Protection	Front and Rear tamper protection	Front and Rear tamper protection
Intergrated Walk Test Buzzer	Support	Support
Optics	Sealed	Sealed
Weatherproof	IP55 rated	IP55 rated
Physical Dimensions (H × W × D)(mm)	118 × 77 × 84	118 × 77 × 84
Microwave Frequency	10.515, 10.525, 10.535GHz	10.515, 10.525, 10.535GHz

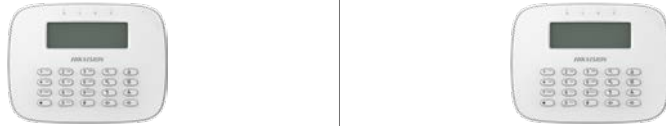
Model	DS-PD1-SKM
Image	
Operating Voltage	12 VDC (Valid: 9V to 14V)
Current	18mA
Working Temperature	-35 °C ~ +70 °C
Working Humidity	95% (Without Condensation)
Capacity	12 VDC 300 mA
Dimension (L × W × H) (mm)	88 × 58 × 25



Model	DS-PD1-B69
Image	
Operation Voltage	DC 9-16V
Quiescent Current	≤15mA (12 VDC)
Alarm Current	≤25mA
Detection Range	High sensitivity:9m, Low sensitivity:5m
Test Time	≤60s
Operating Temperature	-10°C ~ +80°C
Relay Output	NC, contact rating 28 VDC, 80mA


Model	DS-PD1-MC-MS	DS-PD1-MC-RS
Image		
Shell Material	Metal plating	Metal plating
Capacity (VDC)	≤100	≤100
Capacity (mA)	≤500	≤500
Contact Scheme (NC\NO)	NC	NC
Distance(mm)	≥35	≥65
Installation	Screw	Surface
Dimension(L × W × H) (mm)	50 × 18 × 10	108 × 40 × 8 (Master) 88 × 20 × 21 (Slave)




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

## Wires Peripherals


Model	DS-PK-L	DS-PK-LRT
Image	 <div> 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 </div>	
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	Supported	
Uplink Communication	RS-485	
Sound Prompt	Buzzer	
Wireless Frequency	N/A	433MHz/868MHz optional


Model	DS-PKG-H4L	DS-PKG-H8L
Image		
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	
Wireless Detector	8
Wireless Keyfob	32
RF Frequency	433MHz/ 868MHz
RF Transmission Distance	400m
Indicator	1 Red/Green dual color LED
Tamper Protection	Front and rear
Power Supply	12 VDC
Power Supply	12 VDC

Model	DS-PM-MI1	DS-PM-MI2	DS-PM-MI8
Image	 <span>&lt;NEW</span>	 <span>&lt;NEW</span>	 <span>&lt;HOT</span> <span>&lt;NEW</span>
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	 <span>&lt;HOT</span> <span>&lt;NEW</span>	 <span>&lt;HOT</span> <span>&lt;NEW</span>
Output	4	32
Dimensions (mm)	114 × 187 × 31	184 × 387 × 31

Model	DS-PM-MR
Image	 <span>&lt;HOT</span> <span>&lt;NEW</span>
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	 <span>&lt;HOT</span> <span>&lt;NEW</span>
Input	8
Dimensions (mm)	132.5 × 74 × 28

Model	DS-PM-RS04	DS-PM-RS08	DS-PM-RS04-H	DS-PM-RS08-H
Image	 <span>&lt;NEW</span>	 <span>&lt;HOT</span> <span>&lt;NEW</span>	 <span>&lt;NEW</span>	 <span>&lt;NEW</span>
Output	4	8	4	8
Dimensions (mm)	144 × 187 × 31	144 × 197 × 31	144 × 232 × 31.2 <span>Capacity: AC220V/10A</span>	144 × 232 × 31.2 <span>Capacity: AC220V/10A</span>

## Security Alarm

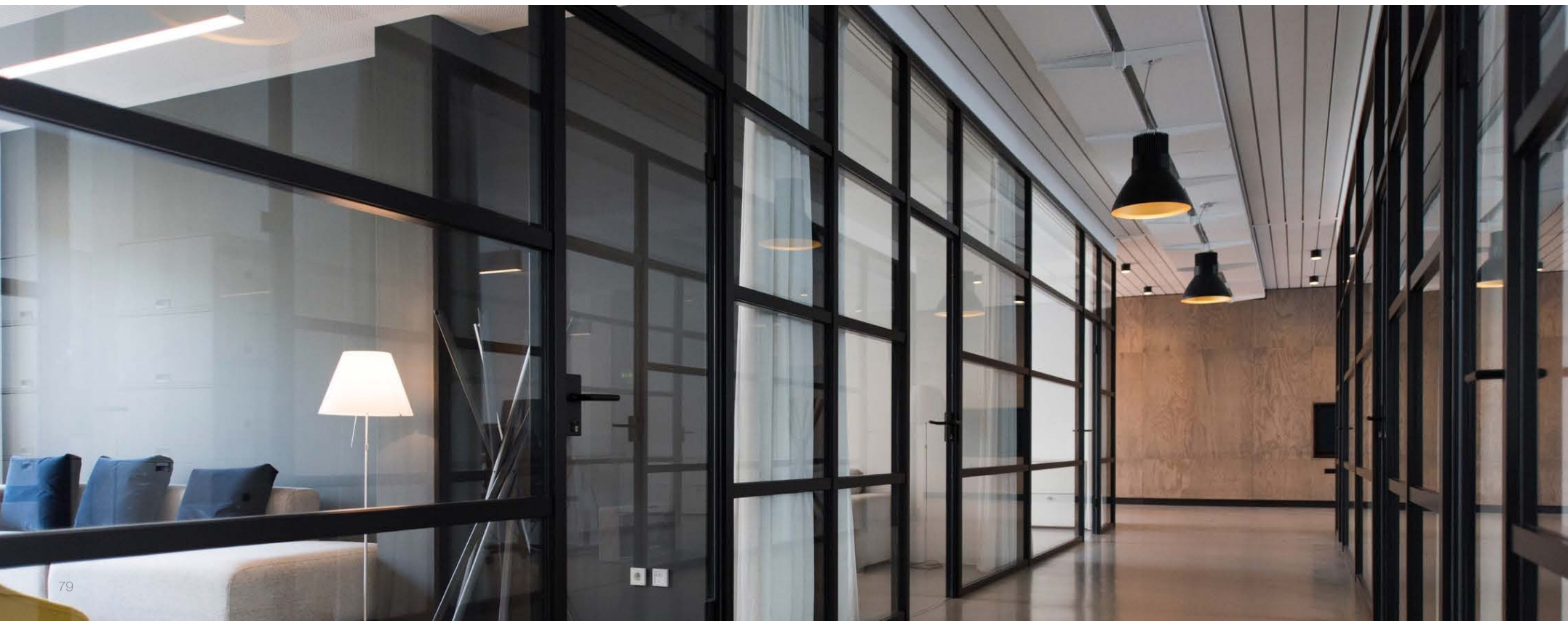
### Pyronix Intrusion


#### Advanced Integration That Delivers Changes

Acquired by Hikvision in 2016, Pyronix is a UK-based intruder equipment designer and manufacturer.



Pyronix has many patented technologies and has been awarded many times over the last 30 years. It continues to pride itself on innovation and product quality. Pyronix's product portfolio consists of a complete range of detectors, both wired and wireless, for indoor and outdoor usage as well as advanced control panels.

- Flexible and easy to set up, expandable
- Wireless and hybrid products
- EN50131 Certified products (Grade 2 and Grade 3)
- Secure two-way wireless connections
- Integration in iVMS and Hik-Connect








Model	Enforcer 64-WE
	<b>HOT</b> <b>NEW</b>
Image	 <p>Maximum 66 Inputs, Keypad Included</p>
Areas (independent or level)	4
Maximum Inputs	66 (32-wireless & 2-wired Onboard)
Maximum Outputs	34 (3 onboard)
User Codes	75
System Logs	750
Maximum Wireless inputs (requires RIX32-WE)	64
Wireless Devices	32 keyfobs, 4 wireless arming stations, 2-wireless sounders
Module Compatibility	DIGI-Wi-Fi, DIGI-LAN, DIGI-GPRS+SIM, DIGI-GPRS, DIGI-GSM, DIGI-PSTN
Signalling Protocols	Contact ID IP, Contact ID, SIA IP, SIA3, Fast Format IP, Fast Format and SMS
Maximum Keypads	3
Maximum Readers	3
Battery Capacity	2200mAh
Input Resistors	1k tamper / 1k alarm
Operating Temperature	-10°C to +40°C
Dimensions (W × H × D)	220 × 160 × 50mm
Weight	1025g inc. battery
Warranty (years)	2
Electrical Conformity	CE
EN50131	Security Grade 2

Model	PCX 78S	PCX 78L
	<b>HOT</b> <b>NEW</b>	<b>HOT</b> <b>NEW</b>
Image	 <p>Maximum 78 Inputs, 64 Wireless Inputs</p>	 <p>Maximum 78 Inputs, 64 Wireless Inputs</p>
Areas (independent or level)	8	8
Maximum Inputs	78 (10 wired Onboard)	78 (10 wired Onboard)
Maximum Outputs	85 (5 onboard)	85 (5 onboard)
User Codes	100	100
System Logs	1250	1250
Maximum Wireless inputs (requires RIX32-WE)	64	64
Wireless Devices	32 keyfobs, 4 wireless arming stations, 2-wireless sounders	32 keyfobs, 4 wireless arming stations, 2-wireless sounders
Module Compatibility	DIGI-Wi-Fi, DIGI-LAN, DIGI-GPRS+SIM, DIGI-GPRS, DIGI-GSM, DIGI-PSTN	DIGI-Wi-Fi, DIGI-LAN, DIGI-GPRS+SIM, DIGI-GPRS, DIGI-GSM, DIGI-PSTN
Signalling Protocols	Contact ID IP, Contact ID, SIA IP, SIA3, Fast Format IP, Fast Format and SMS	Contact ID IP, Contact ID, SIA IP, SIA3, Fast Format IP, Fast Format and SMS
Maximum Keypads	6	6
Maximum Readers	5	5
Battery Capacity	2 - 7Ah	7 - 17Ah
Input Resistors	1k tamper / 1k alarm	1k tamper / 1k alarm
Operating Temperature	-10°C to +40°C	-10°C to +40°C
Dimensions (W × H × D)	297 × 250 × 82mm	305 × 390 × 100mm
Weight	4.8kg inc. battery	11.5kg inc. battery
Warranty (years)	2	2
Electrical Conformity	CE	CE
EN50131	Security Grade 2	Security Grade 3



Model	DIGI-DUAL	DIGI-LAN
	<b>NEW</b>	<b>HOT</b>
Image	 <p>IP65</p>	 <p>Competitable with Hikconnect, IVMS-4200 and Procontrol+</p>
Enforcer 64-WE App	Support	Support
PCX 78 Series	Support	Support
Formats	Contact ID IP, SIA IP, supports uploading / downloading	Contact ID IP, SIA IP, supports uploading / downloading
Voltage	12 VDC	12 VDC
Quiescent	30mA (In use: 420mA)	30mA
Electrical Conformity	CE	CE
Environmental Classification	II	II
EN Certificate	EN61000-6-3:2007 +A1: 2010	EN61000-6-3:2007 +A1: 2011
	EN60950-1:2006 +A11:2008	EN60950-1:2006 +A11:2009
	+A1:2010 +A2:2012	+A1:2010 +A2:2013
	EN50136-1: 2011	EN50136-1: 2012
ATS	EN50136-2: 2012	EN50136-2: 2013
	SP5	SP5











Model	DIGI GPRS	DIGI-Wi-Fi DIGI-Wi-Fi/XA	DIGI-1200
Image	 <p>Competitable with Hik-Connect, iVMS-4200 and Procontrol+</p>		 <p>Competitable with Hik-Connect, iVMS-4200 and Procontrol+</p>
Enforcer 64-WE App	Support	Support DIGI-Wi-Fi	Support
PCX 78 Series	Support	Support DIGI-Wi-Fi/XA	Support
Formats	Contact ID IP, SIA IP, SMS, supports uploading / downloading	Contact ID IP, SIA 3 IP, supports uploading / downloading	Contact ID, SIA
Voltage	12 VDC	12 VDC	12 VDC
Quiescent	30mA (In use: 420mA)	30mA (In use 40mA)	20mA
Electrical Conformity	CE	CE	CE
Environmental Classification	II	II	II
EN Certificate	EN61000-6-3:2007 +A1: 2011	EN61000-6-3:2007 +A1: 2011	EN50136-1: 2012
	EN60950-1:2006 +A11:2009	EN60950-1:2006 +A11:2009	EN50136-2: 2013
	+A1:2010 +A2:2013	+A1:2010 +A2:2013	
	EN50136-1: 2012	EN50136-1: 2012	
	EN50136-2: 2013	EN50136-2: 2013	
ATS	SP5	SP5	SP2



Model	PCX-RIX8i-P/B0X	PCX-RIX8+P/B0X	PCX-RIX8+PSU-M/B0X	PCX-RIX32-WE
Image				
Type of Module	Wired input expander module	Wired input expander module	Wired input expander module	Two-way wireless expander module
Wired Inputs (NC/DE0L/3-E0L)	8	8	8	-
Inertia and Roller Shutter Sensors Support	8	-	-	-
Output Support	-	4 Open Collector	4 Open Collector	-
Two-way Wireless Inputs	-	-	-	32
Two-way Wireless Keyfobs	-	-	-	32
Two-way Wireless Sirens	-	-	-	2
Power Input	9 -15 VDC	9 -15 VDC	220-240 VAC	9 - 15 VDC
Operating Temperature	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C
Weight	500g	500g	5.6kg	1.07kg
ENS0131	Grade 2	Grade 3	Grade 3	Grade 2
Environmental Classification	II	II	II	II
	CA12.01433	CA12.01434	CA12.01431	CA12.01439


Model	PCX-ATE8R *	PCX-R0X8R8T-P/BOX	PCX-R0X16R-PSU-M/BOX
Image	 <b>HOT</b>		 <b>HOT</b>
Type of Module	Output expander module	Output expander module	Output expander module
Wired Inputs (NC/DEOL/3-EOL)	-	-	-
Inertia and Roller Shutter Sensors Support	-	-	-
Output Support	8 Relays	8 Open Collector and 8 Relays	16 Relays
Two-way Wireless Inputs	-	-	-
Two-way Wireless Keyfobs	-	-	-
Two-way Wireless Sirens	-	-	-
Power Input	9 - 15 VDC	9 - 15 VDC	220-240 VAC
Operating Temperature	-10°C to +50°C	-10°C to +50°C	-10°C to +50°C
Weight	68g	315g	5.6kg
Dimensions	109 × 56 × 14mm	173 × 125 × 32mm	225 × 150 × 30mm
Environmental Classification	II	II	II
	-	CA12.01435	CA12.01432
	Self-certified	-	-







Model	V2TEL	V2GSM
Image	 <b>HOT</b>	 <b>HOT</b>
Type of Module	Speech Dialler	Speech Dialler
Listen and Speak	Half duplex	Full duplex
Intergrated Microphone and Speaker	Yes	Yes
Intergrated Keypad	Yes	Yes
Alarm Voice Vassage	6	14
Event Log	30	256
Onboard Wired Inputs	6	14
Outputs On Board	4	4
Remote Control via Telephone	Yes	Yes
Telephone Numbers	9	9
Operating Temperature	-20°C to +40°C	-20°C to +40°C
Electrical Conformity	CE	CE



Model	UR2-WE
Image	 <b>HOT</b>
Type of Module	Wireless universal receiver
Tamper	Yes
SSI	Yes
Jamming Detection	Yes
Wireless Supervision	Yes
Wireless Transmission Range	1.6km
Channels	2
Inputs	10 per channel
Wireless Keyfob	6 per channel
Power Input	9 - 15 VDC
Operating Temperature	-10°C to +50°C
Environmental Classification	II
CE	Yes




Model	PCX-LCDP	PCX-LCDP/W	PCX-PROXI/EX	PCX-EXT-BK	PCX-EXT-W
Image					
LCD Keypad	ABS plastic	Painted white finish	-	-	-
Surface Mounted	Support	Support	Support	Support	Support
Flush Mount Back Box Available	-	Support	-	-	-
Interchangeable Keypad Casings	-	Support	-	-	-
Integrated Prox Reader	Support	Support	Support	Support	Support
Indoor-use Prox Reader	Support	Support	Support	-	-
IP65 Rated Outdoor-use Prox Reader	-	-	-	Support	Support
Power Supply	12 VDC (9-15 VDC)	12 VDC (9-15 VDC)	12 VDC (9-15 VDC)	12 VDC (9-15 VDC)	12 VDC (9-15 VDC)
Current Consumption	50mA	50mA	30mA	22mA	22mA
Input Configuration	DEOL, 3EOL	DEOL, 3EOL	DEOL	DEOL	DEOL
Output Type	Transistor output 100mA (max)	-	Transistor output 150mA (max)	-	-
Electrical Conformity	CE	CE	CE	CE	CE
EN50131	Grade 3	Grade 3	Grade 3	Grade 3	Grade 3
Environmental Classification	II	II	II	IV	IV
	CA12.01424	Self-certified	CA12.01420	CA12.01419	CA12.01419
	IMQ Test House	Self-certified	IMQ Test House	IMQ Test House	IMQ Test House

Model	KEYFOB-WE
Image	
4 Button With 8 Button Functions	Support
System Status Display	Support
Arm One Or All Areas Per Button	Support
Disarm One Or All Areas Per Button	Support
Panic Function	Support
Activate Output Automation	Support
Lock And Unlock Buttons	Support
Range In Open Space	300m
3V Lithium Battery Included	BATT-FK1215
Minimum Battery Life (years)	1
Weight	28g
EN50131	Grade 2
Environmental Classification	II
	CA12.01329


Model	LEDRKP/WHITE-WE
Image	
Plastic Keypad with LED Icon Display	Support
Integrated Prox Reader	Support
Entry and Exit Tones	Support
Backlit Keys	Support
Dedicated Keys for Automation Output Control	4
3V / 5Ah Lithium Battery Included	BATT-ES1
Signal Strength Indicators (SSI)	Support
Environmental Class	II
Self-certified	Self-certified
Warranty (years)	2
EN50131	Grade 2



Model	KX100TP-WE	KX120T-WE	KX100P-WE	KX120Q-WE	KX150C-WE	KX25LR-WE
Image						
Coverage	Volumetric	Volumetric	Volumetric	Volumetric	Curtain	Long range
Maximum Range	10m	12m	10m	12m	15m	25m
Optimal Installation Height	1.8-2.4m	1.8-2.4m	1.8-2.4m	1.8-2.4m	4m	1.8-2.4m
Creep-Zone Protection	Support	Support	-	Support	Support	Support
Animal Immunity	Up to 24kg	-	Up to 25kg	-	-	-
Blue Wave Technology	Support	Support	Support	Support	Support	Support
Automatic Sensitivity	Support	Support	Support	Support	Support	Support
Digital Temperature Compensation	Support	Support	Support	Support	Support	Support
Tamper Protection Included	Support	Support	Support	Support	Support	Support
Signal Strength Indicators (SSI)	Support	Support	Support	Support	Support	Support
Transmission Frequency	868MHz, FM transceiver	868MHz, FM transceiver	868MHz, FM transceiver	868MHz, FM transceiver	868MHz, FM transceiver	868MHz, FM transceiver
Range in Open Space	1600m	1600m	1600m	1600m	1600m	1600m
Minimum Battery Life (Years)	2	2	2	2	2	2
Microwave Frequency	10.515, 10.525, 10.535GHz	10.515, 10.525, 10.535GHz	-	-	-	-
Detection Speed	0.3 - 3 m/s	0.3 - 3 m/s	0.3 - 3 m/s	0.3 - 3 m/s	0.3 - 3 m/s	0.3 - 3 m/s
Operating Temperature	-10°C to +40°C	-10°C to +40°C	-10°C to +40°C	-10°C to +40°C	-10°C to +40°C	-10°C to +40°C
Warranty (Years)	2	2	2	2	2	2
Electrical Conformity	CE	CE	CE	CE	CE	CE
EN50131	Grade 2	Grade 2	Grade 2	Grade 2	Grade 2	Grade 2

Model	XDH10TT-WE	XDL12TT-WE
Image	 <span>&lt;HOT</span>	 <span>&lt;NEW</span>
Optimal Installation Height	2.4m	1.2m
Maximum Range	10m	12m
Two-way Wireless	Support	Support
Triple Detection Logic	2 × Infrared + 1 × Microwave	2 × Infrared + 1 × Microwave
Animal Immunity	Up to 10kg	Up to 35kg
Automatic Sensitivity	Support	Support
Independent Floating Threshold (IFT) Technology	Support	Support
Digital Temperature Compensation	Support	Support
Separate Indicator: Microwave, Infrared, Alarm	Support	Support
Tamper Protection Included	Support	Support
Transmission Frequency	868MHz, FM Transceiver	868MHz, FM Transceiver
Range In Open Space	1600m	1600m
3V Lithium Battery included	2x 3V 5Ah(BATT-ES1)	2x 3V 5Ah(BATT-ES1)
Minimum Battery Life(Years)	3	3
Plastic Housing Material	Polycarbonate	Polycarbonate
Lens UV Protection	UV Filter	UV Filter
Protection	IP55	IP55
Operation Temperature	-30°C to +50°C	-30°C to +50°C
Dimensions	180 × 80 × 105 mm	188 × 77 × 84 mm

Model	WL-WE	SMOKE-WE	CO-WE
Image	 <span>&lt;HOT</span>	 <span>&lt;HOT</span>	 <span>&lt;HOT</span>
Water Leak Sensor with 1m Cable Included	Support	-	-
Smoke Detector	-	Support	-
Carbon Monoxide Detector	-	-	Support
Button Sensor Test	-	Support	Support
LED Sensor Test	-	Support	Support
Front and Rear Tamper Protection	Support	Support	Support
3V Lithium Battery Included	1 × CR2	1x CR123A	-
1.5V Alkaline Battery Included	-	-	3x AA
Signal Strength Indicators (SSI)	Support	Support	Support
Minimum Battery Life (Years)	2	2	1
Warranty (Years)	2	2	2
Electrical Conformity	CE	CE	CE
Environmental Class	II	N/A	N/A
Specialist Certification	N/A	EN 14604:2005+AC:2008	EN50291-1:2010

Model	MC1MINI-WE	MC1/SHOCK-WE	RS2-WE
Image			
Sensor Type	Magnetic contact plug and play	Shock sensor and magnetic contact / universal transmitter with 2-wireless channels	Magnetic contact and one channel universal transmitter
Terminal for N/C Input and Reed Switch	-	Support	Support
Two-way Wireless	Support	Support	Support
Number of Inputs/Zones Transmitted	1	2	1
Front and Rear Tamper Protection	Support	Support	Support
Signal Strength Indicators (SSI)	Support	Support	Support
Magnet Included	Support	Support	Support
Transmission Frequency	868MHz, FM transceiver		
Transmission Method	128bit encrypted radio protocol		
Range in Open Space	1600m	1600m	1600m
3V Lithium Battery Included	1 × CR123A	1 × CR123A	1 × CR2
Environmental Classification	II	II	II
	CA12.01482	Self-certified	CA12.01326
	IMQ Test House	Self-certified	IMQ Test House


Model	HUD/MED-WE
Image	
Battery Type	CR1/3N (battery included)
Battery Voltage	3V
Button Configuration	Pressed and held for 2 seconds
Button Action	Panic (PA) or Medical (depending on the programming)
Transmission Frequency	868MHz
Transmission Method	Fully encrypted rolling code
Indication	LEDs (Red, Green, Amber)
Hold-up Function	Support
Temperature	Storage: -20°C to +50°C
Dimensions	72 × 30 × 20mm (H × W × D)
Compatible With	Enforcer PCX (RIX32-WE)
Inlay	Red & Green

Model	COLT10DL-200	OCTOPUSDQ
Image		
Coverage	Volumetric	360 degree Volumetric
Maximum Range	10m	12m
Optimal Installation Height	1.8-2.4m	2,4-4m
Creep-zone Protection	-	Support
Animal Immune	Up to 10kg	-
Blue Wave Technology	-	Support
Automatic Sensitivity	Adjustable sensitivity	Support
Digital Temperature Compensation	Support	Support
Optical Quad	-	Support
DEOL Resistors On Board	-	Support
Tamper Protection Included	Support	Support
Power Supply	9-16 VDC (12 VDC nominal)	9-16 VDC (12 VDC nominal)
Detection Speed	0.3 - 3 m/s	0.3 - 3 m/s
Optics	Sealed Optics	Sealed Optics
Operating / Storage Temperature	-30°C to +70°C	-10°C to +40°C
Weight	58g	58g
Dimensions	82 × 50 × 41mm	94 × 33 mm
Electrical Conformity	CE	CE
EN50131	Grade 2	Grade 2
Environmental Class	II	II

Model	KX15DD	KX15DQ	KX10DP	KX18DC	KX10DTP	KX15DT	KX15DTAM
Image							
Coverage	Volumetric	Volumetric	Volumetric	Curtain	Volumetric	Volumetric	Volumetric, Curtain, Long range
Maximum Range	15m	15m	10m	18m/30m LR	10m	15m	15m/18m/30m
Optimal Installation Height	1.8-2.4m	1.8-2.4m	1.8-2.4m	Max 4m / 1.8-2.4m	1.8-2.4m	1.8-2.4m	1.8-2.4m
Creep-zone Protection	Support	Support	-	Support	-	Support	Support
Animal Immune	-	-	Up to 24kg	-	-	-	Support
Blue Wave Technology	Support	Support	Support	Support	-	-	Support
Automatic Sensitivity	Support	Support	Support	Support	Up to 24kg	-	-
Digital Temperature Compensation	Support	Support	Support	Support	Support	Support	Support
Optical Quad	-	Support	-	-	Support	Support	Support
DEOL Resistors On Board	Support	Support	Support	Support	Support	Support	Support
Tamper Protection Included	Support	Support	Support	Support	And/Or	And/Or	Anti-Blocking
Power Supply	9-16 VDC(12 VDC nominal)	9-16 VDC(12 VDC nominal)	9-16 VDC(12 VDC nominal)	9-16 VDC(12 VDC nominal)	Support	Support	Support
Detection Speed	0.3 - 3 m/s	0.3 - 3 m/s	0.3 - 3 m/s	0.3 - 3 m/s	Support	Support	Support
Optics	Sealed Optics	Sealed Optics	Sealed Optics	Sealed Optics	Support	Support	Support
Operating / Storage Temperature	-30°C to 50°C	-30°C to 50°C	-30°C to 50°C	-30°C to 50°C	10.515, 10.525, 10.535GHz	10.515, 10.525, 10.535GHz	10.515, 10.525, 10.535GHz
Weight	125g	125g	125g	125g	Sealed	Sealed	Sealed
Dimensions	117 × 69 × 55 mm	117 × 69 × 55 mm	117 × 69 × 55 mm	117 × 69 × 55 mm	117 × 69 × 55 mm	117 × 69 × 55 mm	117 × 69 × 55 mm
Electrical Conformity	CE	CE	CE	CE	2	2	2
EN50131	Grade 2	Grade 2	Grade 2	Grade 2	CE	CE	CE
Environmental Class	II	II	II	II	Grade 2	Grade 2	Grade 2







Model	XDH10TT-AM	XDL12TT-AM
Image	 <b>HOT</b> <b>Tri-tech Protection</b>	 <b>NEW</b> <b>Tri-tech Protection</b>
Optimal Installation Height	2.4m	1.2m
Maximum Range	10m	12m
Triple Detection Logic	2 × Infrared + 1 × Microwave	2 × Infrared + 1 × Microwave
Anti-masking (anti-spray)	Support	Support
Anti-blocking Technology	Support	Support
Animal Immunity	Up to 10kg	Up to 24kg
Automatic Sensitivity	Support	Support
Independent Floating Threshold (IFT) Technology	Support	Support
Digital Temperature Compensation	Support	Support
Separate Indicator: Microwave, Infrared, Alarm	Support	Support
Integrated Walk Test Buzzer	Support	Support
DEOL Resistors On Board	Support	Support
Tamper Protection Included	Support	Support
Internal Tamper	Front and Rear	Front and Rear
Microwave Frequency	9.87, 9.90, 9.91 GHz	9.87, 9.90, 9.91 GHz
Direct Light Filter	> 6500 Lux	> 6500 Lux
Optics	Sealed Optics	Sealed Optics
Protection	IP55	IP55
Operation Temperature	-30°C to +50°C	-30°C to +50°C
Dimensions	118 × 77 × 84 mm	118 × 77 × 84 mm



Model	SHOCK/W
Image	 <b>NEW</b>
Detection Method	Proprietary piezo electric transducer
Range	Nominally 2.5metres radius (dependent on location and material) Sensitivity individually adjustable to suit local environmental conditions
Digital Signal Processing	Support
Sensitivity Settings	By potentiometer
Pulse Count	Selectable
LED Enable	By jumper
Latching Feature	By jumper
Front And Rear Tamper Protection	Support
Removable Electronics	Support
Power Supply	12 VDC nominal (9 to 15 VDC)
Color	White
Operating Temperature	-10°C to +40°C
Weight	38.8 g
Dimensions	107mm × 29mm × 21mm
Installation	On any plane via 2 supplied fixing screws
Warranty (years)	5
Electrical Conformity	CE
EN50131	Grade 2
Environmental Class	II



Model	BG2000	BG16DF
Image	 <b>HOT</b> <b>Dual Frequency Detection</b>	 <b>Dual Frequency Detection</b>
Designed for Most Types of Glass	Support	Support
Maximum Range from Detector to The Glass	8m	6m
Angle of Coverage	360 degree	360 degree
Digital Technology	Support	Support
Dual Confirmation Detection - First Impact	Support	Support
Detects the Frequency of Glass Flexing & Breaking	Support	Support
Installation Test Mode	Support	Support
Option to Latch Alarm Relay	Support	Support
Power	9-16 VDC (12 VDC nominal)	
Detection Speed	0.2 - 3m/s	
Installation Height	2.4-8m	
Operating Temperature	-10°C to + 50°C	
Weight	100g	
Dimensions	90 × 90 × 30 mm	
Warranty (years)	2	
Environmental Class	CE	CE

## Accessories

Model	DELTABELL-WE
Image	
Type	Wireless
Sound Output	98dB
Number of Piezos Elements	1
Strobe LED	Support
Engineer Hold Off	Support
Comfort LED	Support
Front and Rear Tamper Protection	Support
3V / 5Ah Lithium Battery Included	2x BATT-ES1 Signal Strength Indicators (SSI)
Minimum Battery Life (years)	2
Warranty (years)	2
Polycarbonate Base	P
Cover Sold Separately	P
Electrical Conformity	CE
EN50131	Grade 2
Environmental Classification	IV
	CA12.01330

Model	DELTABELL X
Image	
Sound Output	106dB
Number of Piezos Elements	2
Strobe LED	Support
Comfort LED	Support
Optional Backlight with DELTAX-LIGHT Module	Support
Engineer Hold Off	Support
Rechargeable Battery Included	Support
Tamper Protection Included	Support
Warranty (years)	2
Power	9-16 VDC
Strobe Duration	10mS
Frequency	1Hz
Current Consumption	90 mA at rest / 300 mA in alarm
Electronic Sounder	2
Electrical Conformity	CE
EN50131	Grade 2
Environmental Classification	IV
	Self-certified

Model	DELTABELL E
Image	
Sound Output	104dB
Number of Piezos Elements	1
Strobe LED	Support
Comfort LED	Support
Optional Backlight with DELTAX-LIGHT Module	No
Engineer Hold Off	Support
Rechargeable Battery Included	Support
Tamper Protection Included	Support
Warranty (years)	2
Power	9-16 VDC
Strobe Duration	10mS
Frequency	1Hz
Current Consumption	90mA at rest / 300mA in alarm
Electronic Sounder	2
Electrical Conformity	CE
EN50131	Grade 2/3
Environmental Classification	IV
	Self-certified

Model	Twin Alert
Image	
Loudness	100dB @1m
Number of Piezos Elements	1
Operating Voltage	9 - 14.5VDC (13.5VDC nominal)
Alarm Current	160 mA
Tamper Protection Included	Support
For Indoor Use	Support
Warranty (years)	2
Electronic Sounder	2
Electrical Conformity	CE
EN50131	Grade 2
Environmental Classification	II
	Self-certified

## 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-CT2/DS-PEAP-CTE2	DS-PEAP-T2/DS-PEAP-TE2	DS-PEAS-L3	DS-PEAS-E3/DS-PEAP-T2H	DS-PEAS-D3
Image	 <p>Coming Soon</p> <p>1. Dual Network Ports; 2. 7-inch Screen; 3. IP65</p>	 <p>Coming Soon</p> <p>1. Dual Network Ports; 2. 7-inch Screen; 3. IP65</p>	 <p>Coming Soon</p> <p>1. Dual Network Ports; 2. 7-inch Screen; 3. IP65</p>	 <p>Coming Soon</p> <p>1. Dual Network Ports; 2. 7-inch Screen; 3. IP65</p>	 <p>Coming Soon</p> <p>1. Dual Network Ports; 2. 7-inch Screen; 3. IP65</p>
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	2 MP HD IR Camera, IR Distance ≥ 10 m	-	2 MP HD IR Camera, IR Distance ≥ 10 m	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 Built-in Omnidirectional Microphone, Pickup Distance: 5 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 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 30W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 30W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 30W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, SNMP, SIP, RTSP	TCP/IP, SNMP, SIP, RTSP	TCP/IP, SNMP, SIP, RTSP	TCP/IP, SNMP, SIP, RTSP	TCP/IP, SNMP, SIP, RTSP
Ethernet Port	2 RJ45 10 M/100 M / 1000 M Self-adaptive Ethernet port	2 RJ45 10 M/100 M / 1000 M Self-adaptive Ethernet port	2 RJ45 10 M/100 M / 1000 M Self-adaptive Ethernet port	2 RJ45 10 M/100 M / 1000 M Self-adaptive Ethernet port	2 RJ45 10 M/100 M / 1000 M Self-adaptive Ethernet port
IO Input	4	4	4	4	4
IO Output	4	4	4	4	4
Public Network Transmission	EHome, EZVIZ	EHome, EZVIZ	EHome, EZVIZ	EHome, EZVIZ	EHome, EZVIZ
Switch	NO	NO	1	1	1
Alarm Lamp	NO	NO	1	1	1
Siren	NO	NO	1	1	1
SD Card	Standard Micro SD card Slot, Max. 256G	Standard Micro SD card Slot, Max. 256G	Standard Micro SD card Slot, Max. 256G	Standard Micro SD card Slot, Max. 256G	Standard Micro SD card Slot, Max. 256G
Power Supply	DC12V	DC12V	AC110-220V/200-240V	AC110-220V/200-240V	AC110-220V/200-240V

Model	DS-PEA1-N1	DS-PEA1-21	DS-PEA2-21
Image	 <div>1. Support PoE 2. IK10</div>	 <div>HOT NEW</div>	 <div>NEW</div> <div>Internal audible and visual alarm</div>
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, ONVIF	TCP/IP, RTSP, SNMP, HIK-SIP, ONVIF
Ethernet	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port
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
IO Input	2	2	2
IO Output	1	2	2
Public Network Transmission	EHome, EZVIZ	EHome, EZVIZ	EHome, EZVIZ
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/PoE	12 VDC/PoE
Operation Temperature	-25°C~+55°C	-25°C~+55°C	-25°C~+55°C
Installation	Wall Mounting	Wall Mounting	Hold Hooping and Wall Mounting
Dimension(mm)	170 × 108 × 39.5	218 × 128 × 58	504 × 327.7 × 125

## Pole Panic Alarm Station

Model	DS-PEA3M-21	DS-PEA3M-21H
Image	 <span>&lt;HOT</span> <span>&lt;NEW</span>	 <span>&lt;HOT</span> <span>&lt;NEW</span>
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, ONVIF	TCP/IP, RTSP, SNMP, HIK-SIP, ONVIF
Ethernet	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port
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	EHome, EZVIZ	EHome, EZVIZ
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	12 VDC/PoE	12 VDC/PoE
Operation Temperature	-25°C~+55°C	-25°C~+55°C
Installation	Ground Mounting	Ground Mounting
Dimension(mm)	450 × 500 × 2205	450 × 500 × 4534

## Master Station

Model	DS-PEA4H-10
Appearance	 <span>&lt;HOT</span> <span>&lt;NEW</span> <div> 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 </div>
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
Ethernet	10 M/100 M/1000 M self-adaptive
Network Interface	1 RJ45 10M/100M/1000 M Self-adaptive Ethernet Ports
I/O Input	4
I/O 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 Temperature	-10°C~+55°C
Operation Humidity	10%-90%
Consumption	≤ 15W
Dimension(mm)	With handset: 361 × 65 × 197 Without handset: 291 × 41 × 197



Security Alarm

## Perimeter Protection




More Secure And More Reliable

Hikvision provides a full range of products, including various options for beam number and multiple channels of frequency modulation, generating timely alerts and comprehensive security for perimeter-protected areas.








# Active Infrared Beams

Model	DS-PI-DXX	DS-PI-TXX	DS-PI-QXX	DS-PI-DXX/FM	DS-PI-TXX/FM	DS-PI-QXX/FM
Image	 <span>NEW</span>	 <span>HOT</span> <span>NEW</span>	 <span>HOT</span> <span>NEW</span>	 <span>FM Optional</span>	 <span>HOT</span> <span>NEW</span> <span>FM Optional</span>	 <span>HOT</span> <span>NEW</span> <span>FM Optional</span>
Alarm Distance	60 m / 100 m	100 m / 150 m / 250 m	100 m / 150 m / 250 m	60 m / 100 m	150 m	150 m / 250 m
Max Reaching Distance	650 m / 1100 m	1000 m / 1500 m / 2500 m	1000 m / 1500 m / 2500 m	600 m / 1100 m	1500 m	1500 m / 2500 m
Beams No.	2 beams	3 beams	4 beams	2 beams	3 beams	4 beams
Detecting Way	2 beams Intercepted simultaneously	3 beams Intercepted simultaneously	4 beams Intercepted simultaneously	2 beams Intercepted simultaneously	3 beams Intercepted simultaneously	4 beams Intercepted simultaneously
Light Source	Digital Pulse IR LED	Digital Pulse IR LED	Digital Pulse IR LED	Digital Pulse IR LED	Digital Pulse IR LED	Digital Pulse IR LED
Response Time (ms)	50~700	35~700	35~700	50~500	30~960	50~700
Channel Choice	N/A	N/A	N/A	4 Channels CH1~CH4	4 Channels CH1~CH4	4 Channels CH1~CH4
Alarm Output	FORM C(NO/NC changeable), Contact ratings 30VDC 0.5A max	FORM C(NO/NC changeable), Contact ratings 30VDC 0.5A max	FORM C(NO/NC changeable), Contact ratings 30VDC 0.5A max	FORM C(NO/NC changeable), Contact ratings DC 30V 0.5A max	FORM C(NO/NC changeable), Contact ratings DC 30V 0.5A max	FORM C(NO/NC changeable), Contact ratings DC 30V 0.5A max
Optic Axis Adjust Angle (Horizontal)	180°(±90°)	180°(±90°)	180°(±90°)	180°(±90°)	180°(±90°)	180°(±90°)
Optic Axis Adjust Angle (Vertical)	20°(±10°)	16°(±8°)	24°(±12°)	20°(±10°)	16°(±8°)	24°(±12°)
Supply Voltage	10.5~28 VDC (non-polarity)	10.5~28 VDC(non-polarity)	10.5~28 VDC (non-polarity)	10.5~24 VDC (non-polarity)	10.5~28 VDC (non-polarity)	DC10.5~28V (non-polarity)
Recommend Supply Voltage	12 or 24 VDC (non-polarity)	12 or 24 VDC (non-polarity)	12 or 24 VDC (non-polarity)	12 or 24 VDC (non-polarity)	12 or 24 VDC (non-polarity)	12 or 24 VDC (non-polarity)
Operating Temperature	-25°C ~ +55°C	-25°C~ +55°C	-25°C ~ +55°C	-25°C ~ +60°C	-25°C ~ +55°C	-25°C ~ +55°C
Dimensions (H×W×D) (mm)	171 × 82 × 77	270 × 90 × 90	353 × 99 × 104	194.5 ×83 × 82	270 × 90 × 90	353 × 99 ×104
Weight (g)	Around 600 (Transmitter and Receiver)	Around 1100 (Transmitter and Receiver)	Around 1970 (Transmitter and Receiver)	Around 850 ( Transmitter and Receiver )	Around 1100 ( Transmitter and Receiver )	Around 1970 ( Transmitter and Receiver )

## Electric Fences

Model	DS-PF-E0204
Image	 <span>NEW</span>
Pulse Value	5000-10000v
Pulse Period	≥1S
Pulse Duration	≤0.1S
Maximum Pulse Volume	≤2.5 mc
Voltage Regulation	Voltage can be steplessly regulated (0.9kV-6.5kV)
Maximum Energy	≤5 J
Indication	4.3-inch LCD display screen
Zone Type	4 line double defense
Main Output Power Supply	12-15 VDC; 1A(Overload protection)
Shell Characteristics	ABS Engineering Plastics
Power Supply	AC90-260V
Flame Retardant Coefficient	UL94V-0
Dimension (mm)	380 × 255 × 110
Weight	3.9 kg

Model	DS-PF-LD
Image	 <span>NEW</span>
Arrester System Voltage	6 KV
Lightning Arrester Rated Voltage	10 KV
Surge Arrester Continuous Operation Voltage	8 KV
Lightning Arrester 1ma DC Reference Voltage	≥15 KV
Leakage Current At 0.75u1ma DC Reference Voltage	≤50 uA
Lightning Arrester	≤30 KV
Surge Arrester Operating Shock Residual Pressure	≤25.6 KV
Surge Arrester Steep Wave Shock Residual Pressure	≤34.6 KV
2 m² Wave Flow Capacity	75 A
High Current Impulse Withstand	40 KA
Weight	0.751 kg

Model	DS-PF-WPB/P
Image	 <span>NEW</span>
Material	Sprayed plastic iron box
Dimesion(mm)	600 × 400 × 180
Weight	9.6 kg

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