

PRODUCT QUICK GUIDE

NON-CCTV PRODUCTS

**ACCESS CONTROL, VIDEO INTERCOM, SECURITY ALARM
AND INTELLIGENT SECURITY INSPECTION**

2021 H2



HIKVISION®

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VIDEO INTERCOM

002 IP Series

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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
- Various verification methods: Face/fingerprint/Card/PIN
- Expansion-ready with various modules

> Elegant Utilitarian Design

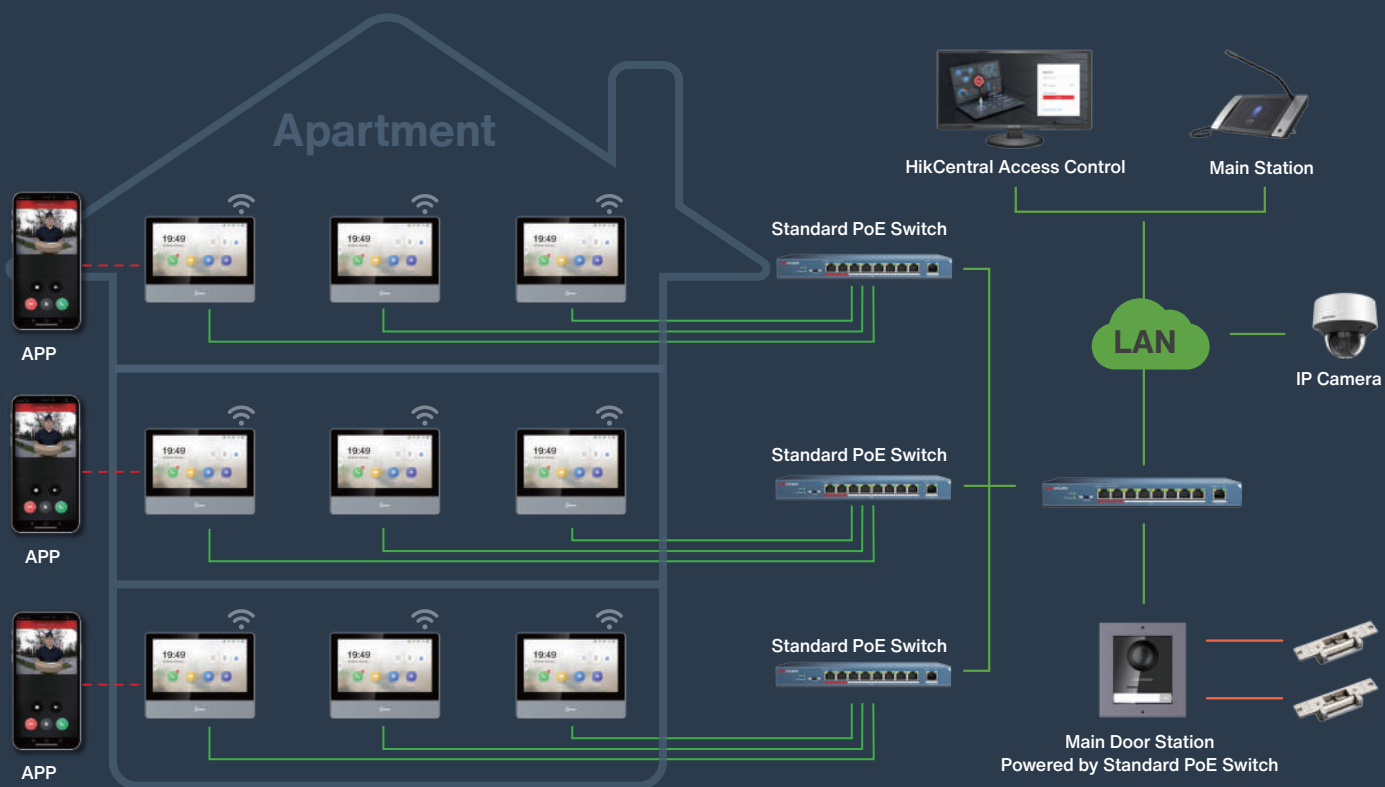
- Designed for accessibility
- Artistic industrial design

> CCTV Integration

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



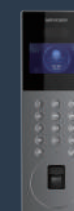
IP Series Video Intercom - Apartment Solution



DS-KD8003-IME1
DS-KD-DIS
DS-KD-KP
DS-KD-ACW3
Modular Door Station



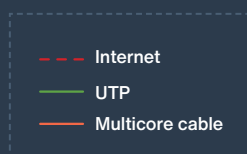
DS-KD8003-IME1/S
DS-KD-DIS
DS-KD-KP/S
Stainless Steel Modular
Door Station



DS-KD9203-E6
DS-KD9203-FTE6
Face Recognition
Door Station

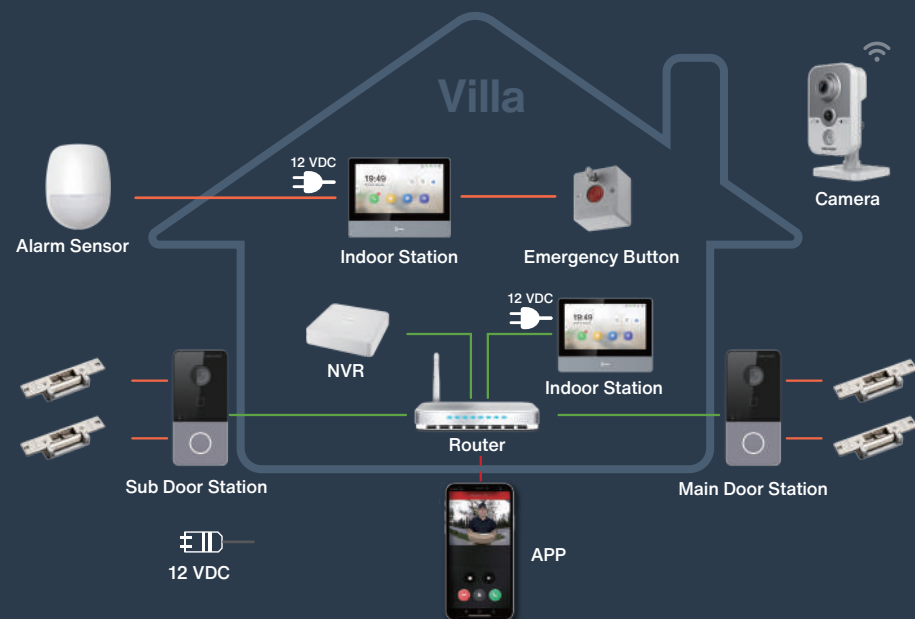


DS-KH8350-(W)TE1
Indoor Station

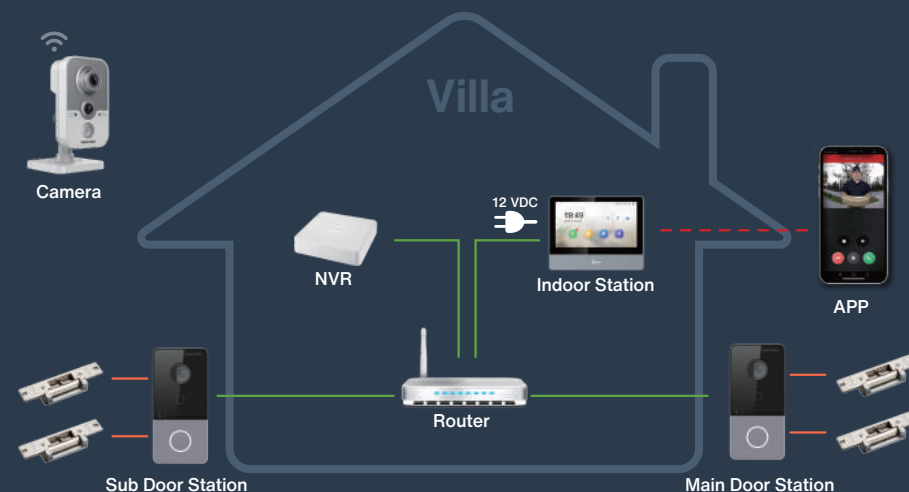


Extension Module

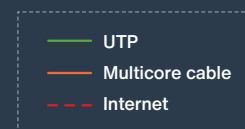
IP Series Video Intercom - Villa Solution



Typical mode



Doorbell mode



DS-KV6113(B) Series
DS-KV8113(B) Series
Door Station



DS-KH8350-(W)TE1
DS-KH6320-WTE1
Indoor Station



DS-KB8113-IME1
DS-KV6113-WPE1(B)
DS-KV8113-WME1(B)
Door station

Indoor Station

Model	DS-KH8350-TE1	DS-KH8350-WTE1	DS-KH8520-WTE1	DS-KH6320-TE1	DS-KH6320-WTE1
Image	 Indoor Station	 Indoor Station	 Indoor Station	 Indoor Station	 Indoor 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
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	Capacitive Touch screen	Capacitive Touch screen
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 A	G.711 U, G.711 A	G.711 U, G.711 A	G.711 U, G.711 A	G.711 U, G.711 A
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, FCC, UL	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL
Wi-Fi	-	Supported	Supported	-	Supported

Model	DS-KH6350-WTE1	DS-KH6350-TE1	DS-KH9310-WTE1	DS-KH9310-WTE1(B)	DS-KH9510-WTE1
Image					
	Indoor Station	Indoor Station	Indoor Station	Indoor Station	Indoor 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 Android operation system	Embedded Android operation system	Embedded Android operation system
Display Screen	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD	10.1-Inch Colorful IPS
Display Resolution	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600
Operation Method	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen
Operation Interface	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 A	G.711 U, G.711 A	G.711 U, G.711 A	G.711 U, G.711 A	G.711 U, G.711 A
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	1	-	1	1	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 32 G, SD 2.0 or lower version	Max to 32 G, SD 2.0 or lower version	Max to 32 G, SD 2.0 or lower version
Power Supply	12V DC / PoE(IEEE 802.3af)	12V DC / PoE(IEEE 802.3af)	12 VDC / PoE(IEEE 802.3af)	12V DC / PoE(IEEE 802.3af)	12 VDC / PoE(IEEE 802.3af)
Power Consumption	≤ 6 W	≤ 6 W	≤ 8 W	≤ 8 W	≤ 8 W
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 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 123 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 91%	10% to 90%
Dimensions (L × W × H)	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")	187 mm × 137 mm × 25.7 mm (7.36" × 5.39" × 1.01")	187 mm × 137 mm × 25.7 mm (7.36" × 5.39" × 1.02")	254 mm × 166 mm × 26.65 mm (10.0" × 6.54" × 1.05")
Certification	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, IC, UL, LOA	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, IC, UL, LOA	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, IC, UL, LOA
Wi-Fi	Supported	-	Supported	Supported	Supported

Model	DS-KH9510-WTE1(B)	DS-KH6320-LE1	DS-KH6320-LE1/White	DS-KH6220-LE1	DS-KH6220-LE1/White
Image	 Indoor Station	 Indoor Station	 Indoor Station	 Indoor Station	 Indoor 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 Android operation system	Embedded RTOS operation system	Embedded RTOS operation system	Embedded RTOS operation system	Embedded RTOS operation system
Display Screen	10.1-Inch Colorful IPS	7-Inch Colorful TFT LCD	7-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	Capacitive touch screen	Capacitive touch screen	Non-touch screen	Non-touch screen
Operation Interface	-	-	-	-	-
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 A	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	1	-	-	-	-
I/O Output	2	-	-	-	-
TF Card (Micro SD Card)	Max to 32 G, SD 2.0 or lower version	-	-	-	-
Power Supply	12V DC / 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	≤ 8 W	≤ 6 W	≤ 6 W	≤ 6 W	≤ 6 W
Working Temperature	-10 °C to 50 °C (14 °F to 123 °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)
Working Humidity	10% to 91%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimensions (L × W × H)	254 mm × 166 mm × 26.65 mm (10.0" × 6.54" × 1.06")	200 mm × 140 mm × 15.1 mm (7.87" × 5.51" × 0.59")	200 mm × 140 mm × 15.1 mm (7.87" × 5.51" × 0.59")	200 mm × 140 mm × 23.1 mm (7.87" × 5.51" × 0.69")	200 mm × 140 mm × 23.1 mm (7.87" × 5.51" × 0.69")
Certification	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, IC, UL, L0A	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
Wi-Fi	Supported	-	Supported	-	Supported

Model	DS-KD8103-E6	DS-KD8023-E6	DS-KD3003-E6
Image	 Door Station	 Door Station	 Door Station
Processor	Embedded processor	Embedded processor	Embedded processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	2 MP HD camera	2 MP HD camera	2 MP HD camera
Video Compression Standard	H.264	H.264	H.264
Resolution	Main stream: 1920 × 1080p ,720p Sub stream: 640 × 480	Main stream: 1920 × 1080p ,720p Sub stream: 640 × 480	Main stream: 1920 × 1080p ,720p Sub stream: 640 × 480
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 LCD	3.5-Inch Colorful LCD	3.5-Inch Colorful LCD
Display Resolution	480 × 320	480 × 320	480 × 320
Operation Method	Display screen, touch buttons	Display screen, touch buttons	Display screen, touch buttons
Operation Interface	-	-	-
Audio Input	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 A	G.711 U,G.711 A	G.711 U,G.711 A
Audio Compression Rate	64Kbps	64Kbps	64Kbps
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
User capacity	10000	10000	10000
Card capacity	50000	50000	50000
Face capacity	-	-	-
Fingerprint capacity	-	-	-
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	8	8	8
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	1	1
Alarm Output	2	2	2
Wiegand	1	1	1
USB	-	-	-
Material	-	-	-
Power Supply	12 VDC	12 VDC	12 VDC
Power Consumption	≤10 W	≤10 W	≤10 W
Working Temperature	-40 ° C to +55 ° C [-40 ° F to +135 ° F]	-40 ° C to +55 ° C [-40 ° F to +135 ° F]	-40 ° C to +55 ° C [-40 ° F to +135 ° F]
Working Humidity	10% to 95%	10% to 95%	10% to 95%
IP Protection Level	IP65	IP65	IP65
Dimensions(L × W × H)	418 mm × 145 mm × 61 mm [16.46" × 5.71" × 2.40"]	418 mm × 145 mm × 59.7 mm [16.46" × 5.71" × 2.35"]	357.3 mm × 124.3 mm × 55.3 mm [14.07" × 4.89" × 2.18"]
Certification	CE,CB,FCC,UL,RCM,IC,LOA,RoHS,Reach,WEEE	CE,CB,FCC,UL,RCM,IC,LOA,RoHS,Reach,WEEE	CE,CB,FCC,UL,RCM,IC,LOA,RoHS,Reach,WEEE

Model	DS-KD9203-E6	DS-KD9203-FE6	DS-KD9203-TE6	DS-KD9203-FTE6
Image	 	 	 	 
Processor	Embedded processor	Embedded processor	Embedded processor	Embedded processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	2 × 2 MP HD camera	2 × 2 MP HD camera	2 × 2 MP HD camera	2 × 2 MP HD camera
Video Compression Standard	H.264	H.264	H.264	H.264
Resolution	Main stream:1080p@30fps,720p@30fps Sub stream: VGA@25 fps, VGA@30fps	Main stream:1080p@30fps,720p@30fps Sub stream: VGA@25 fps, VGA@30fps	Main stream:1080p@30fps,720p@30fps Sub stream: VGA@25 fps, VGA@30fps	Main stream:1080p@30fps,720p@30fps Sub stream: VGA@25 fps, VGA@30fps
Video Frame Rate	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS
Display Screen	4.3-Inch Colorful LCD	4.3-Inch Colorful LCD	4.3-Inch Colorful LCD	4.3-Inch Colorful LCD
Display Resolution	800 x 480	800 x 480	800 x 480	800 x 480
Operation Method	Display screen, physical buttons	Display screen, physical buttons	Display screen, physical buttons	Display screen, physical buttons
Operation Interface	-	-	-	-
Audio Input	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
Audio Compression Standard	G.711 U,G.711 A	G.711 U,G.711 A	G.711 U,G.711 A	G.711 U,G.711 A
Audio Compression Rate	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
User capacity	10000	10000	20000	20000
Card capacity	25000	25000	100000	100000
Face capacity	5000	5000	20000	20000
Fingerprint capacity	-	5000	-	5000
Ethernet	10/100/1000 Mbps Self-Adaptive 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, RSTP	TCP/IP, RSTP	TCP/IP, RSTP	TCP/IP, RSTP
Alarm Input	4	4	4	4
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	1 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface
RS-485	2	2	2	2
Alarm Output	-	-	-	-
Wiegand	-	-	-	-
USB	-	-	-	-
Material	-	-	-	-
Power Supply	12 VDC, 1.5A	12 VDC, 1.5A	12 VDC, 1.5A	12 VDC, 1.5A
Power Consumption	≤13 W	≤13 W	≤13 W	≤13 W
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]
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
IP Protection Level	IP65	IP65	IP65	IP65
Dimensions(L × W × H)	373 mm × 124 mm × 43.7 mm [14.69" × 4.88" × 1.72"]	373 mm × 124 mm × 43.7 mm [14.69" × 4.88" × 1.72"]	373 mm × 124 mm × 43.7 mm [14.69" × 4.88" × 1.72"]	373 mm × 124 mm × 43.7 mm [14.69" × 4.88" × 1.72"]
Certification	FCC,IC,CE,C-TICK,ROHS,REACH,WEEE	FCC,IC,CE,C-TICK,ROHS,REACH,WEEE	FCC,IC,CE,C-TICK,ROHS,REACH,WEEE	FCC,IC,CE,C-TICK,ROHS,REACH,WEEE

Model	DS-KD8003-IME1	DS-KD-IN	DS-KD-DIS	DS-KD-INFO	DS-KD-KK	DS-KD-KP	DS-KD-M/E	DS-KD-BK
Image								
	Module Door Station-Main Unit	Module Door Station-Indicator Module	Modular Door Station-Display Module	Modular Door Station-Info Module	Module Door Station-Nametag Module	Module Door Station-Keypad Module	Module Door Station-Card Reader Module	Module Door Station-Blank Module
Processor	Embedded MCU Processor	Embedded MCU Processor	Embedded MCU Processor	Embedded MCU Processor	Embedded MCU 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	-	-	-	Physical Button with 4 button covers included	Physical Keypad	-	-
Audio Input	Built-in Omnidirectional Microphone	-	-	-	-	-	-	-
Audio Output	Built-in Loudspeaker(More than 85 dB within 20 cm)	-	-	-	-	-	-	-
Audio Compression Standard	G.711 U, G.711 A	-	-	-	-	-	-	-
Audio Compression Rate	64 Kbps	-	-	-	-	-	-	-
Audio Quality	Noise Suppression and Echo Cancellation	-	-	-	-	-	-	-
Internal Card Reader	-	-	-	-	-	-	Built-in IC Card Reader	-
Light Supplement Mode	IR Supplement	-	-	-	-	-	-	-
Ethernet	10/100 Mbps Self-Adaptive Ethernet	-	-	-	-	-	-	-
Network Protocol	TCP/IP, RTSP	-	-	-	-	-	-	-
Network Interface	-	-	-	-	-	-	-	-
I/O Input	4	-	-	-	-	-	-	-
Relay Output	12 VDC(PoE (IEEE 802.3af)	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)	12 VDC(Powered by the other module)	-
Power Consumption	≤10 W	≤2 W	≤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)	-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%	10% to 95%	10% to 95%	-
IP Protection Level	IP65	IP65	IP65	IP65	IP65	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")	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, FCC, UL, IC	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL, IC	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL, IC	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL, IC	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL, IC

Model	DS-KD8003-IME1/Flush	DS-KD8003-IME1/Surface	DS-KD8003-IME1/S	DS-KD8003-IME1/NS	DS-KD-KK/S	DS-KD-KP/S
Image	 Modular door station- Main Unit	 Modular door station- Main Unit	 Modular door station- Main Unit	 Modular door station- Main Unit	 Extension Module- Nametag Module	 Extension Module- Keypad Module
Processor	High performance embedded SOC processor	High performance embedded SOC processor	High performance embedded SOC processor	High performance embedded SOC processor	Embedded MUC processor	Embedded MUC processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	-	-
Camera	2 MP HD camera	2 MP HD camera	2 MP HD camera	2 MP HD camera		
Video Compression Standard	H.264	H.264	H.264	H.264	-	-
Supplement light	IR supplement	IR supplement	IR supplement	IR supplement	-	-
Resolution	Main Stream: 1920 x 1080 Sub Stream: 720 x 480	Main Stream: 1920 x 1080 Sub Stream: 720 x 480	Main Stream: 1920 x 1080 Sub Stream: 720 x 480	Main Stream: 1920 x 1080 Sub Stream: 720 x 480	-	-
Operation Method	-	-	-	-	Physical Button with 6 button covers included	Physical Keypad
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	-	-
Audio Output	Built-in Loudspeaker(More than 85dB within 20 cm)	Built-in Loudspeaker(More than 85dB within 20 cm)	Built-in Loudspeaker(More than 85dB within 20 cm)	Built-in Loudspeaker(More than 85dB within 20 cm)	-	-
Audio Compression Standard	G.711 U, G.711 A	G.711 U, G.711 A	G.711 U, G.711 A	G.711 U, G.711 A		
Audio Compression Rate	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	-	-
User capacity	2000	2000	-	-	-	-
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, RSTP	TCP/IP, RSTP	TCP/IP, RSTP	TCP/IP, RSTP	-	-
Network Interface	-	-	-	-	-	-
Alarm input	4	4	4	4		
Lock control	2	2	2	2		
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 (Powered by DS-KD8003-IME1)	12 VDC (Powered by DS-KD8003-IME1)
Power Consumption	≤10 W	≤10 W	≤10 W	≤10 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 +55° C(-40° F to 131° F)	-40° C to +55° C(-40° F to 131° F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 95%	10% to 95%
IP Protection Level	IP65	IP65	IP65	IP65	IP65, IK07	IP65, IK07
Dimensions(L × W × H)	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	98.5 mm × 100 mm × 34.2 mm (3.87" × 3.95" × 1.33")	98.2 mm × 100.2 mm × 33.7 mm (3.87" × 3.95" × 1.33")
Certification	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL, IC	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL, IC	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL, IC	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL, IC	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL, IC	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM, FCC, UL, IC

Model	DS-KV6113-PE1(B)	DS-KV6113-WPE1(B)	DS-KV6103-PE1(B)	DS-KV8113-WME1(B)	DS-KV8213-WME1(B)	DS-KV8413-WME1(B)
Image	 Villa Door Station	 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	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	Embedded Linux Operation System
Camera	2 MP HD camera	2 MP HD camera	2 MP HD camera	2 MP HD camera	2 MP HD camera	2 MP HD camera
Video compression standard	H.264	H.264	H.264	H.264	H.264	H.264
Resolution	Main Stream: 1920 x 1080 Sub Stream: 704 x 576	Main Stream: 1920 x 1080 Sub Stream: 704 x 576	Main Stream: 1920 x 1080 Sub Stream: 704 x 576	Main Stream: 1920 x 1080 Sub Stream: 720 x 480	Main Stream: 1920 x 1080 Sub Stream: 720 x 480	Main Stream: 1920 x 1080 Sub Stream: 720 x 480
Video frame rate	25 fps	25 fps	25 fps	25 fps	25 fps	25 fps
Audio input	Built-in Omnidirectional Microphone	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	Built-in Loudspeaker
Audio compression standard	G.711 U	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	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	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	Detects Door Magnetic Status
Light supplement mode	IR Supplement	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	10/100 Mbps Self-Adaptive Ethernet
Wi-Fi	-	Supported	-	Supported	Supported	Supported
Network protocol	TCP/IP, RTSP	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	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	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	1 RS-485 Half-Duplex Port
I/O input	4	4	4	4	4	4
I/O output	1	1	1	1	1	1
Power supply	IEEE802.3af, standard PoE 12 VDC	IEEE802.3af, standard PoE 12 VDC	IEEE802.3af, standard PoE 12 VDC	IEEE802.3af, standard PoE 12 VDC	IEEE802.3af, standard PoE 12 VDC	IEEE802.3af, standard PoE 12 VDC
Power consumption	<10 W	<10 W	<10 W	<10 W	<10 W	<10 W
Working temperature	-40° C to +55° C (-40° F to 131° F)	-40° C to +55° C (-40° F to 131° F)	-40° C to +55° C (-40° F to 131° F)	-40° C to +55° C (-40° F to 131° F)	-40° C to +55° C (-40° F to 131° F)	-40° C to +55° C (-40° F to 131° F)
Working humidity	10% to 95%	10% to 95%	10% to 95%	10% to 95%	10% to 95%	10% to 95%
IP protection level	IP65	IP65	IP65	IP65, IK08	IP65, IK08	IP65, IK08
Dimensions(L × W × H)	138 mm × 65 mm × 27 mm	138 mm × 65 mm × 27 mm	138 mm × 65 mm × 27 mm	174 mm × 91 mm × 29 mm	174 mm × 91 mm × 29 mm	174 mm × 91 mm × 29 mm
Certification	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL, RCM, CB	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL, RCM, CB	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL, RCM, CB	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL, RCM, CB	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL, RCM, CB	FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL, RCM, CB

Vandal-resistant Door Station

Model	DS-KB8113-IME1
Image	 HOT
	Vandal-Resistant Door Station
Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System
Camera	2 MP HD camera
Video Compression Standard	H.264
Resolution	Main stream: 1920 × 1080p, 720p Sub stream: 704 × 576
Video Frame Rate	PAL: 25 fps, NTSC: 30 fps
Audio Input	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker
Audio Compression Standard	G.711 U, G.711 A
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	1
Network Interface	-
RS-485	-
I/O Input	1
I/O Output	1
Power Supply	IEEE802.3af, standard PoE 12 VDC
Power Consumption	<10 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)	161.85 mm × 24.13 mm × 53.2 mm [6.37" × 1.02" × 2.09"]
Certification	CE, FCC, IC, CB, RCM, LOA, RoHS, Reach, WEEE

Main Station

Model	DS-KM9503
Image	 NEW
	Main Station
Processor	High-Performance Embedded SOC Processor
Operation System	Android 7.1
Camera	3P IR Camera
Video Compression Standard	H.264
Resolution	1280 × 800
Video Frame Rate	-
Display Screen	10.1-Inch IPS
Display Resolution	1024 × 600
Operation Method	Capacitive Touch screen
Audio Output	Built-in omnidirectional microphone, external speaker, external goose neck microphone, external earphone (3.5 mm)
Audio Output	Built-in loudspeaker, external speaker, external voice box or earphone (3.5 mm)
Audio Compression Standard	G.711U、G.711A
Audio Compression Rate	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation
Ethernet	2 10/100/1000 Mbps Self-Adaptive Ethernet
Network Protocol	TCP/IP, SIP, RTSP
Network Interface	2 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface
RS-485	1
I/O Input	2
I/O Output	-
USB	3
Material	-
Power Supply	Standard PoE (LAN1) 12 VDC
Power Consumption	≤ 12 W
Working Temperature	-10 °C to 50 °C [14 °F to 122 °F]
Working Humidity	10% to 90%
Dimensions(L × W × H)	292 mm × 166 mm × 31 mm [11.5" × 6.5" × 1.2"]
Certification	CE, FCC, IC, CB, RCM, LOA, RoHS, Reach, WEEE

Video Intercom

2-wire Series

Real Security Really Convenient

Hikvision 2-wire Video Intercom system includes both indoor and outdoor video intercom stations that only needs two wires for power, audio, video and control signal transmission, and now we have also released the products that needn't be powered by any distributor, which makes the entire system more simplifying. The 2-wire technology 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
- Message / Do not disturb / Custom ringtone

> Easy Installation

- Can work with existing wiring
- Long-distance transmission

> User Friendly Design

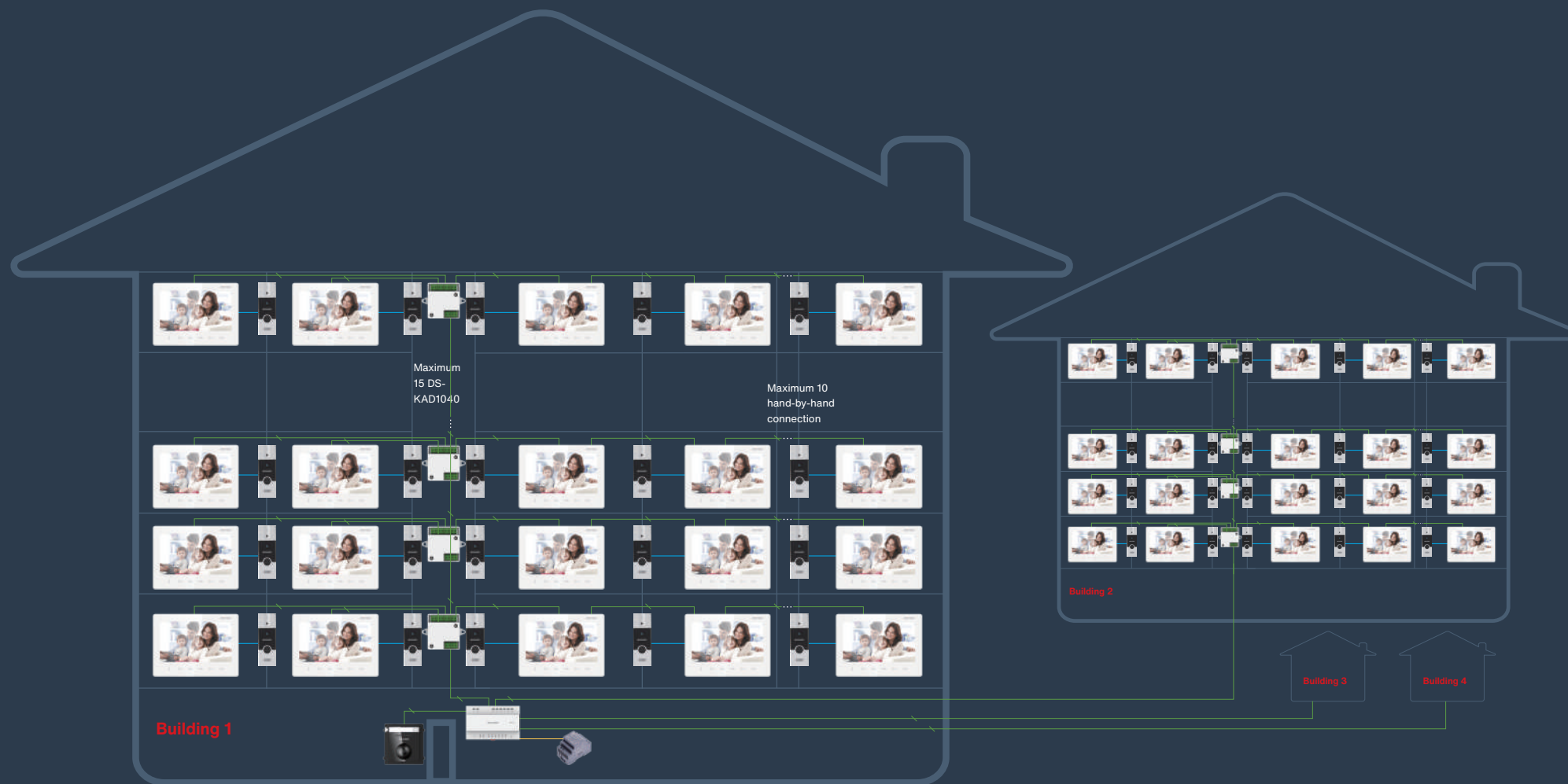
- Touch screen, call-log status, image capture
- Expansion-ready with various modules

> CCTV Integration

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



2-wire Analog Series Video Intercom - Apartment Solution



Solution Features

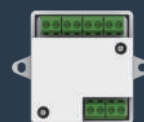
- 1 power supply for whole system
- Partial-digital system for providing more flexible solution with different door stations



DS-KH1201



DS-KAD7040



DS-KAD1040



DS-KD8003-IME2/Surface



DS-KAW60-2N

2-wire IP Series Video Intercom - Villa Solution

Easy Deployment & High cost-effective

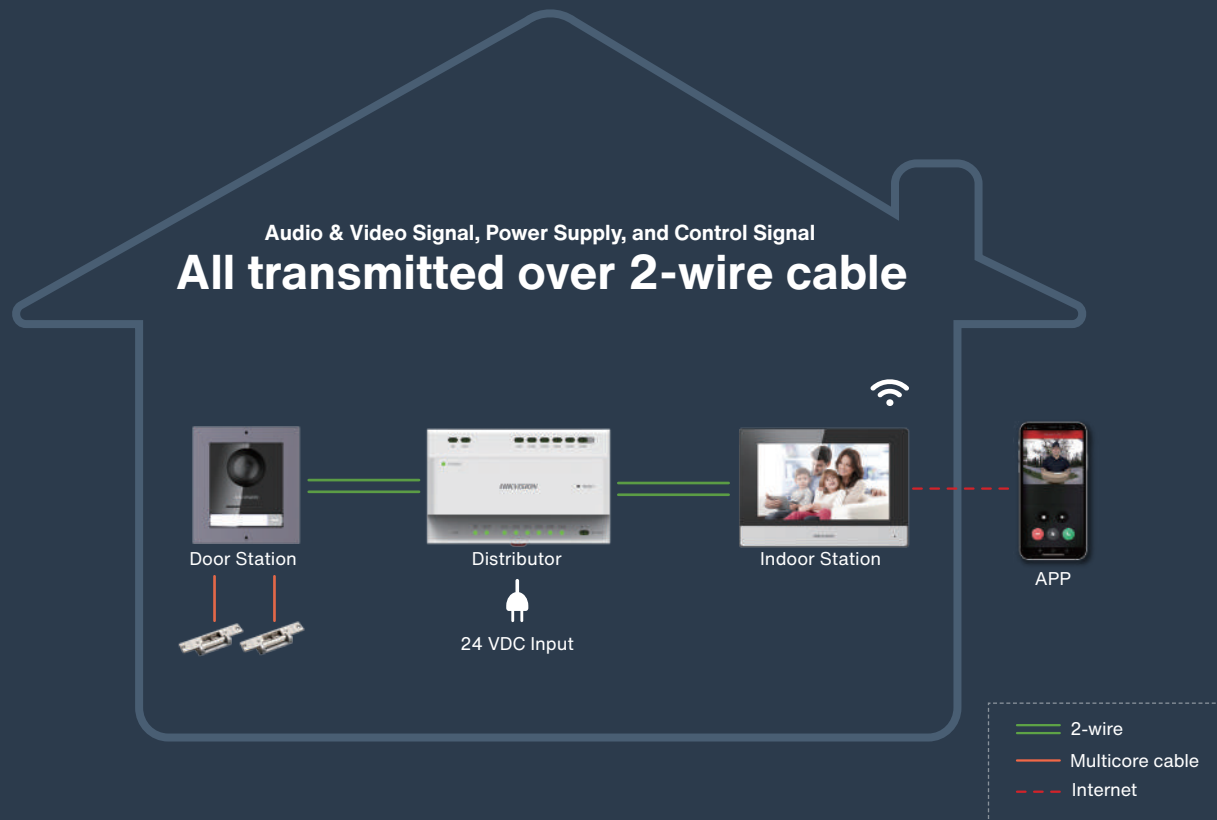
- 2-wire deployment
- No software configuration is required

Easy to use

- 7 inch touch screen
- Hik-connect App
- plug & play

Advanced features

- 2 MP resolution, IP65



DS-KIS702(B)

- DS-KD8003-IME2/Surface x 1
- DS-KH6320-WTE2(B) x 1
- DS-KAD704 x 1



DS-KIS703-P

- DS-KV8103-IMPE2 x1
- DS-KH6320-WTPE2 x1
- DS-KAB8103-IMEX x1



DS-KIS101-P

- DS-KV1101-ME2 x1
- DS-KH1200 x1
- Power supply unit x 1
- Rain Shield x 1

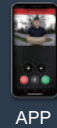
2-wire IP Series Video Intercom- Apartment Solution

Various Application

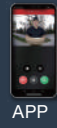
- One door station supports calling multiple indoor stations
- One indoor station supports receiving calls from multiple door stations
- Indoor stations and extensions support calling each other

Easy management

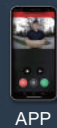
- Software batch configuration
- Call management center function
- Call schedule configuration
- Leave message function



APP



APP



APP



2-wire IP Apartment Door Station



Main Unit
DS-KD8003-IME2



Keypad Module
DS-KD-KP



Blank Module
DS-KD-BK



Information Module
DS-KD-INFO



Card reader Module
DS-KD-E/M



Nametag Module
DS-KD-KK



Display Module
DS-KD-DIS



Indicator Module
DS-KD-IN



Indoor Station
DS-KH6320-WTE2



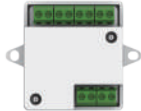
Distributor
DS-KAD706



Distributor
DS-KAD706-S

Door Station

Model	DS-KD8003-IME2	DS-KD8003-IME2/S	DS-KD8003-IME2/NS	DS-KV1101-ME2/Surface	DS-KV1101-ME2/Flush	DS-KV8103-IME2
Image	 2 wire Modular Door Station-Main Unit	 2 wire Modular Door Station-Main Unit	 2 wire Modular Door Station-Main Unit	 2 wire Modular Door Station-Main Unit	 2 wire Modular Door Station-Main Unit	 2 wire Modular Door Station-Main Unit
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	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Analog operation system	Embedded Analog operation system	Embedded Linux operation system
Camera	CMOS Low Illumination 2 MP HD Colorful 180° Fisheye Camera	Low Illumination 2 MP HD IR Camera	Low Illumination 2 MP HD IR Camera	Low Illumination 2 MP HD IR Camera	Low Illumination 2 MP HD IR Camera	Low Illumination 2 MP HD IR Camera
Video Compression Standard	H.264	H.264	H.264	H.264	H.264	H.264
Resolution	Main stream : 1920 × 1080 Sub stream : 720 × 480	Main stream : 1920 × 1080 Sub stream : 720 × 480	Main stream : 1920 × 1080 Sub stream : 720 × 480	Main stream : 1920 × 1080 Sub stream : 720 × 480	Main stream : 1920 × 1080 Sub stream : 720 × 480	Main stream: 1920 × 1080p, 720p Sub stream: 704 × 576
Audio Input	Built-in Omnidirectional Microphone	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 (More than 85 dB within 20 cm)	Built-in loudspeaker (More than 85 dB within 20 cm)	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U	G.711 U	/	/	G.711 U, G.711 A
Audio Compression Rate	64 Kbps	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	Noise Suppression and Echo Cancellation
Door Magnetic Detection	Detects Door Magnetic Status	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	White light supplement	White light supplement	IR Supplement
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	Door Magnetic Alarm, Tampering Alarm
2-Wire Interface	Support	Support	Support	Support	Support	Support
RS-485	1 RS-485 Half-Duplex Port	1	1	/	/	1
I/O Input	4	4	4	4	4	2
I/O Output	2	2	2	/	/	/
Power Supply	24 VDC, Power over two-wire cable (DS-KAD706)	24 VDC two-wire power supply (< 16 W) or 12 VDC independent power supply (< 20 W)	24 VDC, Power over two-wire cable (DS-KAD706)	48 VDC, 0.5 A	48 VDC, 0.5 A	From indoor station
Power Consumption	4 W	4 W	4 W	≤12 W	≤12 W	≤ 10 W
Working Temperature	-40° C to +60° C (-40° F to 140° F)	-40° C to +55° C (-40° F to 131° F)	-40° C to +55° C (-40° F to 131° 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)
Working Humidity	10% to 95%	10% to 95%	10% to 95%	10% to 90%	10% to 90%	10% to 95%
IP Protection Level	IP65	IP65	IP65	IP65, IK7	IP65, IK7	IP65
Dimensions(L × W × H)	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	150 mm × 82 mm × 23.5 mm (5.91" × 3.23" × 0.93")	150 mm × 82 mm × 23.5 mm (5.91" × 3.23" × 0.93")	169 mm × 110 mm × 31 mm (6.54" × 4.33" × 1.22")

Model	DS-KAD706	DS-KAD706-S	DS-KAD7040	DS-KAD704	DS-KAD706-P	DS-KAD706-SP	KAD1040
Image	 2-wire Video/ Audio Distributor	 NEW 2-wire Video/ Audio Distributor	 Two wire controllers	 2- wire controllers	 2- wire controllers	 2- wire controllers	 NEW Floor Shunt
Ethernet	10/100M Interface	10/100M Interface	2 RJ45 (1-ch for POE and 1-ch for WAN access)	1 RJ45 (1-ch reserved terminal and 1-ch for WAN access)	1 RJ45 (1-ch reserved terminal and 1-ch for WAN access)	1 RJ45 (1-ch reserved terminal and 1-ch for WAN access)	N/A
2-Wire Interface	6-ch 2-wire Interface	6-ch 2-wire Interface for data exchanging	4	4	6-ch for device power supply, including 1-ch for door station power supply with max. output power 16 W	6-ch for data exchanging	4
Power Supply	24 VDC	24 VDC	48VDC, 3.2A	Two-wire mode, 24 VDC	Two-wire mode, 24 VDC	Two-wire mode, 24 VDC	N/A
Power Consumption	< 9 W	< 7 W	<150W	CH1 to CH3< 6 W, CH4< 8 W	< 9 W	< 7 W	—
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 +40 °C (14 °F to +104 °F)	-10 °C to +50 °C (14 °F to +122 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)
Working Humidity	10% to 90%, No Condensation	10% to 90%, No Condensation	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimensions(L × W × H)	—	—	—	143.7mm × 92.4mm × 65.9mm (5.66" × 3.64" × 2.59")	143.7mm × 92.4mm × 65.9mm (5.66" × 3.64" × 2.59")	143.7mm × 92.4mm × 65.9mm (5.66" × 3.64" × 2.59")	—

Indoor Station

Model	DS-KH6320-WTE2(B)	DS-KH1200	DS-KH1201	DS-KH6320-WTPE2
Image	 2-wire Indoor Station	 2-wire Indoor Station	 2-wire Indoor Station	 2-wire Indoor Station
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Display Screen	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD	7-Inch TFT non- touch screen	7-Inch Colorful TFT LCD
Display Resolution	1024 × 600	1024 × 600	1024*600 (480 * 320 reserved)	1024 × 600
Operation Method	Capacitive Touch screen	Non-touch	6 Touch button	Capacitive Touch screen
Video Compression Standard	H.264	H.264	H.264	H.264
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in loudspeaker (more than 80 dB within 20 cm)	Built-in speaker, Adjustable through hardware	Built-in Loudspeaker
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
2-Wire Interface	Two-Wire Interface	3	1 in and 1 out	Two-Wire Interface
4-Wire Interface	/	/	1	/
video in	/	/	/	/
RS-485	1	/	/	1
I/O Output	2 Relay Output	/	/	/
Power Supply	24 VDC	48 VDC	/	24 VDC
Power Consumption	≤6 W	≤5 W	≤5 W	≤8 W
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 55 °C [14 °F to 131 °F]
Working Humidity	0% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimensions (L × W × H)	200 × 140 × 15.1 mm (7.87" × 5.51" × 0.59")	187 × 137 × 25.4 mm (7.36" × 5.39" × 1.00")	187 × 137 × 25.4 mm (7.36" × 5.39" × 1.00")	200 × 140 × 23.6 mm (7.87" × 5.51" × 0.93")

Video Intercom

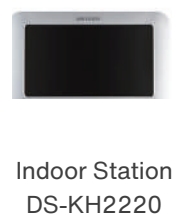
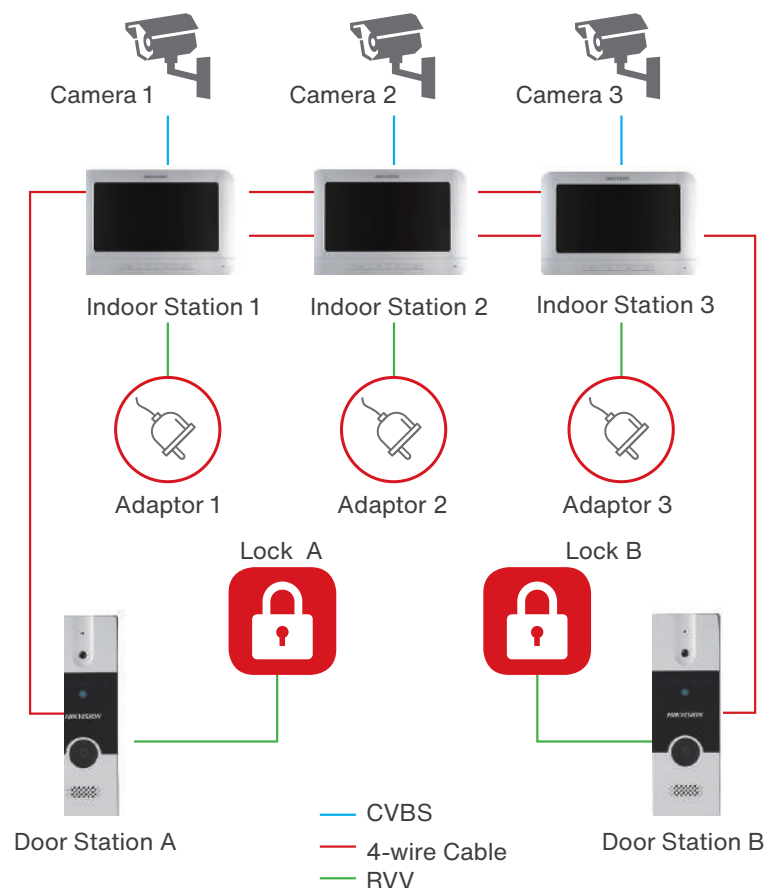
4-wire Series

Security Starts from Your Door

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

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





Indoor Station

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

Villa Door Station

Model	DS-KB2411T-IM	DS-KB2421T-IM
Image	 Four-Wire Analog Door Station	 Four-Wire Analog Door Station
Camera	1/2.7" CMOS	1/2.7" CMOS
Video Compression Standard	H.264	H.264
Resolution	1920 × 1080	1920 × 1080
Video Frame Rate	PAL: 25 fps	PAL: 25 fps
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
Light Supplement Mode	Self-adaptive IR supplement (with photoresistor)	Self-adaptive IR supplement (with photoresistor)
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. 5W	Max. 5W
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)	128 mm × 42 mm × 24.8 mm (5.0" × 1.7" × 0.9")	195.8 mm × 132.8 mm × 18.39 mm (7.7" × 5.2" × 0.7")
Protection Level	N/A	/

Video Intercom

Kit

One Package for Your Complete Solution

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



IP Video Intercom Kit



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(B)
16GB TF card



Standard PoE IP Video Intercom Kit

DS-KIS603-P(B)

Door Station: DS-KV6113-WPE1(B)
Indoor Station: DS-KH6320-WTE1
PSU x 2



Standard PoE IP Video Intercom Kit

DS-KIS604-P(B)

Door Station: DS-KV8113-WME1(B)
Indoor Station: DS-KH6320-WTE1
16GB TF card



Standard PoE IP Video Intercom Kit

DS-KIS604-S(B)

Door Station : DS-KV8113-WME1(B)
Indoor Station: DS-KH6320-WTE1
Standard PoE Switch: S-3E0105P-E/M(B)
16GB TF card



Standard PoE IP Video Intercom Kit

DS-KIS605-P

Door Station: DS-KV6113-WPE1(B) x 1
Door Station: DS-KH6320-LE1 x 1
PSU x 2



Standard PoE IP Video Intercom Kit

DS-KIS901-P

Indoor Station: DS-KH8350-WTE1
Face Access Terminal: DS-K1T341AM
PSU x 2

2-wire Video Intercom Kit



2-wire IP Video Intercom Kit

DS-KIS702(B)

Door Station: DS-KD8003-IME2/Surface

Indoor Station: DS-KH6320-WTE2(B)

Video / Audio Distributor: DS-KAD704

Power Supply: DS-KAW30-2N



2-wire IP Video Intercom Kit

DS-KIS702-P(B)

Door Station: DS-KD8003-IME2(B)

Indoor Station: DS-KH6320-WTE2(B)

Video / Audio Distributor: DS-KAD704

Power Supply: DS-KD-ACW1

PSU x 1



2-wire IP Video Intercom Kit

DS-KIS703-P

Door Station: DS-KV8103-IMPE2

Indoor Station: DS-KH6320-WTPE2



2-wire Analog Intercom Kit

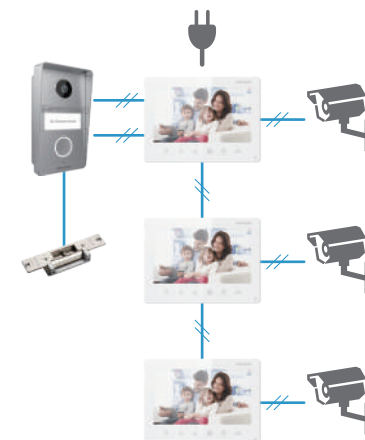
DS-KIS101-P

Door station: DS-KV1101-ME2

Indoor station: DS-KH1200

Power supply unit x 1

Rain Shield x 1



4-wire Video Intercom Kit



Analog Villa Video Intercom Kit

DS-KIS202T

Door Station: DS-KB2411T-IM

Indoor Station: DS-KH2220



Analog Villa Video Intercom Kit (Waterproof Kit)

DS-KIS203T

Door Station: DS-KB2421T-IM

Indoor Station: DS-KH2220



Analog Villa Video Intercom Kit (Picture-capturing Kit)

DS-KIS204T

Door Station: DS-KB2411T-IM

Indoor Station: DS-KH2220-S

Video Intercom

Accessories

Brackets & Gang Boxes for Video Intercom

- Solid and stable
- Insulated
- Convenient design



Protective Shield

Model	DS-KAB86	DS-KAB10-D	DS-KAB11-D	DS-KAB13-D
Image	 DS-KAB86	 DS-KAB10-D	 DS-KAB11-D	 DS-KAB13-D
Material	PVC	Stainless Steel	Stainless Steel	Stainless Steel
Working Temperature	-5°C to +60°C (23°F to 140°F)	-40° C to +70° C (-40° 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%
Dimension (L × W × H)	81 × 78 × 50 mm (3.19" × 3.07" × 1.97")	489.6 × 171.88 × 105.41 mm (19.28" × 6.77" × 4.15")	424 × 149 × 98 mm (16.69" × 5.87" × 3.86")	360 × 128 × 86 mm (14.17" × 5.04" × 3.39")

Model	DS-KAB8103-IMEX	DS-KABD8003-RS1	DS-KABD8003-RS2	DS-KABD8003-RS3
Image	 DS-KAB8103-IMEX	 DS-KABD8003-RS1	 DS-KABD8003-RS2	 DS-KABD8003-RS3
Material	Stainless Steel	SECC	SECC	SECC
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)	181.4 × 110.4 × 60.55 mm (7.14" × 4.35" × 2.38")	122 × 116.4 × 58 mm (4.80" × 4.58" × 2.28")	224 × 116.4 × 58 mm (8.82" × 4.58" × 2.28")	325.8 × 116.4 × 58 mm (12.83" × 4.58" × 2.28")

Model	DS-KABV6113-RS	DS-KABV8113-RS/Flush	DS-KABV8113-RS/Surface
Image	 	  	  
Material	SECC	SECC	SECC
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)	149.78 × 79.56 × 48.63 mm (5.90" × 3.13" × 1.91")	186.15 × 97 × 48.63 mm (7.33" × 3.82" × 1.91")	188.69 × 97 × 48.63 mm (7.43" × 3.82" × 1.91")

Bracket

Model	DS-KAB21-B	DS-KD-ACW1	DS-KD-ACW2	DS-KD-ACW3
Image	 Convenient Design Available for the Wall Mounting of the Doorbell (DS-KB2421-IM)	 Adapts to One-module Surface Mounting	 Adapts to Two-module Surface Mounting	 Adapts to Three-module Surface Mounting
Material	Stainless Steel	Aviation Aluminum	Aviation Aluminum	Aviation Aluminum
Working Temperature	-40°C to +70°C (-40°F to 158°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 90%	10% to 95%	10% to 95%	10% to 95%
Dimension (L × W × H)	181.4 × 110.4 × 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
Image	 Adapts to One-module Flush Mounting	 Adapts to Two-module Flush Mounting	 Adapts to Three-module Flush Mounting
Material	Aviation Aluminum	Aviation Aluminum	Aviation Aluminum
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 95%	10% to 95%	10% to 95%
Dimension (L × W × H)	Cover: 134 × 124 × 4 mm (5.28" × 4.88" × 0.16") /Installation Frame: 134 × 124 × 4 mm (5.28" × 4.88" × 0.16")	Cover: 236 × 124 × 4 mm (9.29" × 4.88" × 0.16") /Installation Frame: 219 × 107 × 32.7 mm (8.62" × 4.21" × 1.29")	Cover: 337.8 × 124 × 4 mm (13.3" × 4.88" × 0.16") /Installation Frame: 320.8 × 107 × 32.7 mm (12.6" × 4.21" × 1.29")

Model	DS-KD-ACW1/S	DS-KD-ACW2/S	DS-KD-ACW3/S	DS-KD-ACF1/S
Image	 NEW 2nd Video Intercom Brackets	 NEW 2nd Video Intercom Brackets	 NEW 2nd Video Intercom Brackets	 NEW 2nd Video Intercom Brackets
Material	For cover: Stainless steel, For installation Frame: Aviation Aluminum	For cover: Stainless steel, For installation Frame: Aviation	For cover: Stainless steel, For installation Frame: Aviation	Cover: Stainless steel Gang Box: Plastic
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 +55° C (-40° F to 131° F)
Working Humidity	10% to 95%	10% to 95%	10% to 95%	10% to 95%
Dimension (L × W × H)	For cover 117 × 107 × 4 mm (4.61" × 4.21" × 0.16"), For installation Frame 117 × 107 × 32.7 mm (4.61" × 4.21" × 1.29")	For cover 219 × 107 × 4 mm (8.62" × 4.21" × 0.16"), For installation 219 × 107 × 32.7 mm (8.62" × 4.21" × 1.29")	For cover 320.8 × 107 × 4 mm (12.6" × 4.21" × 0.16"), For installation frame 320.8 × 107 × 32.7 mm (12.6" × 4.21" × 1.29")	For cover 134 × 124 × 4 mm (5.28" × 4.88" × 0.16") For gang box 134 × 135 × 56 mm (5.28" × 5.31" × 2.20")

Model	DS-KD-ACF2/S	DS-KD-ACF3/S	DS-KABH8350-T	DS-KABH6320-T
Image	 NEW 2nd Video Intercom Brackets	 NEW 2nd Video Intercom Brackets	 NEW Video Intercom Table Bracket for KH8350	 NEW Video Intercom Table Bracket for KH6320 and KH8520
Material	Cover: Stainless steel Gang Box: Plastic	Cover: Stainless steel Gang Box: Plastic	SUS430, silica gel	SUS430, silica gel
Working Temperature	-40° C to +55° C (-40° F to 131° F)	-40° C to +55° C (-40° 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 95%	10% to 95%	10% to 90%	10% to 90%
Dimension (L × W × H)	For cover 236 × 124 × 4 mm (9.29" × 4.88" × 0.16") For gang box 237 × 135 × 56 mm (9.33" × 5.31" × 2.20")	For cover 337.8 × 124 × 4 mm (13.3" × 4.88" × 0.16") For gang box 338.8 × 135 × 56 mm (13.33" × 5.31" × 2.20")	95mm × 83mm × 98.9mm (3.74" × 3.27" × 3.89")	122mm × 86mm × 64mm (4.80" × 3.39" × 2.52")

Power Supply

Model	DS-KAW50-1	DS-KAW50-1N	DS-KAW150-2N	DS-KAW60-2N	DS-KAW30-2N
Image	 50W 12V Power Adapter	 50W 12V Power Adapter	 150W 24V Power Adapter	 Power Supply unit	 Power Supply unit
Input voltage	100 VAC to 240 VAC	100 VAC to 240 VAC	100 VAC to 240 VAC	85 to 264 VAC	85 to 264 VAC
Output voltage	12 VDC	12 VDC	24 VDC	24 VDC	24 VDC
Output current	4.17 A	4.17 A	6.25 A	2.5A	1.5A
Output power	50 W	50 W	150 W	60 W	30 W
Noise and ripple	< 150 mVpp @ 25 °C	< 150 mVpp @ 25 °C	< 150 mVpp @ 25 °C	/	/
Voltage adjustment range	11 VDC to 14 VDC	11 VDC to 14 VDC	23 VDC to 25 VDC	/	/
Working temperature	Operating: -10 °C to +70 °C (14 °F to 158 °F) Storage: -25 °C to +85 °C (-13 °F to 185 °F)	Operating: -10 °C to +70 °C (14 °F to 158 °F) Storage: -25 °C to +85 °C (-13 °F to 185 °F)	Operating: -10 °C to +70 °C (14 °F to 158 °F) Storage: -25 °C to +85 °C (-13 °F to 185 °F)	-30 °C to 70 °C (-22 °F to 158 °F)	-30 °C to 70 °C (-22 °F to 158 °F)
Working humidity	< 95% (No Condensation)	< 95% (No Condensation)	< 95% (No Condensation)	20% to 90%	20% to 90%
Dimension (L x W x H)	246 mm × 266.4 mm × 79.6 mm (9.69" × 10.49" × 3.13")	98 mm × 97 mm × 38 mm (3.86" × 3.82" × 1.50")	178 mm × 97 mm × 38 mm (7.01" × 3.82" × 1.50")	52.5 mm × 90 mm × 54.5 mm (2.07" × 3.54" × 2.15")	35 mm × 90 mm × 54.5 mm (1.38" × 3.54" × 2.15")

ACCESS CONTROL

- 036** MinMoe Face Recognition Terminal
- 044** MinMoe Temperature Screening Terminal
- 046** Fingerprint / Card Terminal
- 053** Access Controller
- 056** Reader
- 059** Card / Fingerprint / Face Enroller
- 061** Elevator Controller
- 062** Access Control Secure Module
- 071** Speed Gate and Turnstile
- 077** Management Software for Access Control

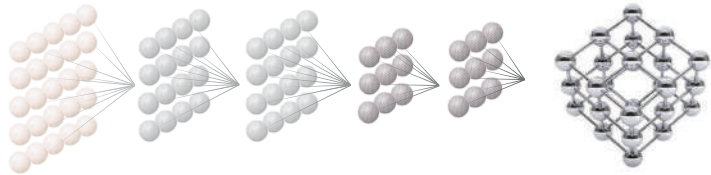


Deep Learning TECHNOLOGY

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

Deep learning technology:

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



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



Access Control

MinMoe Face Recognition Terminal

Touch-free, Access is Easier than Ever

Ensure Security with Various Terminals

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

MinMoe
Face Recognition Terminals





HikCentral Access Control

LAN (TCP/IP)



Face Terminal



Security Module



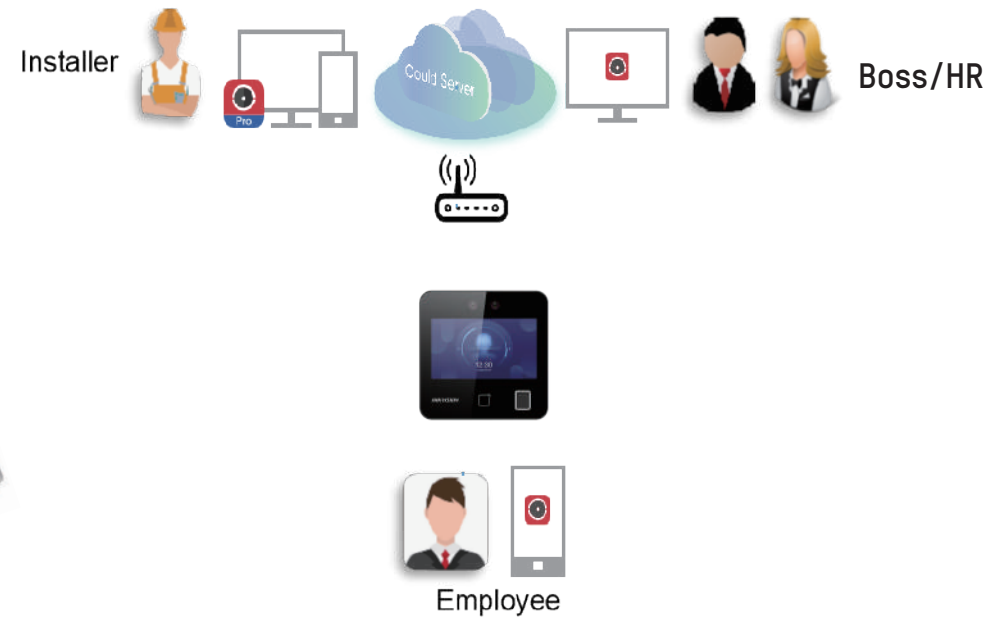
Reader



Lock

- RS-485
- Wiegand
- Multicore cable

Cloud-Based Attendance Solution



Model	DS-K1A340X, DS-K1A340WX	DS-K1A340FX, DS-K1A340FWX	DS-K1T331, DS-K1T331W	DS-K1T343EX, DS-K1T343MX	DS-K1T343EFX, DS-K1T343MFX	DS-K1T343EWX, DS-K1T343MWX
Image	 NEW Face Recognition Terminal	 NEW Face Recognition Terminal	 Face Recognition Terminal	 NEW Face Recognition Terminal	 NEW Face Recognition Terminal	 NEW Face Recognition Terminal
Power Supply	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1.5A	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Faces: 1,500 Events: 300,000	Faces: 1,500 Fingerprint: 3,000 Events: 300,000	Faces: 1,000 Events: 150,000	Cards: 3,000 Face: 1,500 Events: 150,000	Cards: 3,000 Face: 1,500 Fingerprint: 3,000 Events: 150,000	Cards: 3,000 Face: 1,500 Events: 150,000
Card Reading Mode	-	-	-	DS-K1T343EX: EM card DS-K1T343MX: Mifare 1 card	DS-K1T343EFX: EM card DS-K1T343MFX: Mifare 1 card	DS-K1T343EWX: EM card DS-K1T343MWX: Mifare 1 card
Communication Mode	Wi-Fi (For W series), ISUP	Wi-Fi (For W series), ISUP	TCP / IP, Wi-Fi (For W series), RS-485, ISUP	TCP / IP, RS-485, Wiegand, ISUP	TCP / IP, RS-485, Wiegand, ISUP	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP
LCD Screen	4.3-inch touch screen Resolution: 480 × 272	4.3-inch touch screen Resolution: 480 × 272	3.97-inch LCD touch screen; Resolution: 800 × 480	4.3-inch LCD touch screen Resolution: 480 × 272	4.3-inch LCD touch screen Resolution: 480 × 272	4.3-inch LCD touch screen Resolution: 480 × 272
Camera	2 MP dual-lens camera	2 MP dual-lens camera	2 MP dual-lens camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens
Face Authentication Duration	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s
Face mask detection	Not support	Not support	Not support	Support	Support	Support
Fingerprint Capacity	-	3,000	-	-	3,000	-
Input Interface	USB × 1	USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1
Output Interface	-	-	Lock × 1	Lock × 1	Lock × 1	Lock × 1
Working Temperature	-10 °C to 40 °C (14 °F to 104 °F)	-10 °C to 40 °C (14 °F to 104 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 40 °C (14 °F to 104 °F)	-10 °C to 40 °C (14 °F to 104 °F)	-10 °C to 40 °C (14 °F to 104 °F)
Protection Level	-	-	-	-	-	-
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	0 to 90% (No condensing)	0 to 90% (No condensing)	0 to 90% (No condensing)
Dimension	118.4 mm × 118.4 mm × 21.8 mm (4.7" × 4.7" × 0.9")	118.4 mm × 118.4 mm × 21.8 mm (4.7" × 4.7" × 0.9")	120 mm × 110 mm × 23 mm (4.7" × 4.3" × 0.9")	118.4 mm × 118.4 mm × 21.8 mm (4.66" × 4.66" × 0.86")	118.4 mm × 118.4 mm × 21.8 mm (4.66" × 4.66" × 0.86")	118.4 mm × 118.4 mm × 21.8 mm (4.66" × 4.66" × 0.86")

Model	DS-K1T343EFWX, DS-K1T343MFWX	DS-K1T342DX, DS-K1T342MX, DS-K1T342EX	DS-K1T342MFX	DS-K1T342DWX, DS-K1T342MWX, DS-K1T342EWX	DS-K1T342MFWX, DS-K1T342EFWX	DS-K1T341AM
Image	 NEW Face Recognition Terminal	 NEW Face Recognition Terminal	 NEW Face Recognition Terminal	 NEW Face Recognition Terminal	 NEW Face Recognition Terminal	 HOT Face Recognition Terminal
Power Supply	12 VDC, 1 A	12 VDC, 1 A 12V-24VDC [DS-K1T342DX]	12 VDC, 1 A	12 VDC, 1 A 12V-24VDC [DS-K1T342DWX]	12 VDC, 1 A	12 VDC, 2 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 3,000 Face: 1,500 Fingerprint: 3,000 Events: 150,000	Cards: 3,000 Face: 1,500 Events: 150,000	Cards: 3,000 Face: 1,500 Fingerprint: 3,000 Events: 150,000	Cards: 3,000 Face: 1,500 Events: 150,000	Cards: 3,000 Face: 1,500 Fingerprint: 3,000 Events: 150,000	Faces: 3,000 Cards: 3,000 Events: 150,000
Card Reading Mode	DS-K1T343EFWX: EM card DS-K1T343MFWX: Mifare 1 card	DS-K1T342DX: DESfire card;Felica card;MIFARE 1 card DS-K1T342MX: MIFARE 1 card DS-K1T342EX: EM card	MIFARE 1 card	DS-K1T342DWX: DESfire card;Felica card;MIFARE 1 card DS-K1T342MWX: MIFARE 1 card DS-K1T342EWX: EM card	DS-K1T342MFWX: MIFARE 1 card DS-K1T342EFWX: EM card	MIFARE 1 card
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP	TCP / IP, RS-485, Wiegand, ISUP	TCP / IP, RS-485, Wiegand, ISUP	TCP / IP, Wi-Fi (For W series), RS-485, ISUP	TCP / IP, Wi-Fi (For W series), RS-485, ISUP	TCP / IP, RS-485, Wiegand, ISUP
LCD Screen	4.3-inch LCD touch screen Resolution: 480 × 272	4.3-inch LCD touch screen Resolution: 272 × 480	4.3-inch LCD touch screen Resolution: 272 × 480	4.3-inch LCD touch screen Resolution: 272 × 480	4.3-inch LCD touch screen Resolution: 272 × 480	4.3-inch capacitive touch screen Resolution: 480 × 800
Camera	2 MP wide-angle dual-lens	2 MP dual-lens camera	2 MP dual-lens camera	2 MP dual-lens camera	2 MP dual-lens camera	2 MP wide-angle dual-lens
Face Authentication Duration	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s
Face mask detection	Support	Support	Support	Support	Support	Support
Fingerprint Capacity	Max.3,000 Fingerprints	-	Max.3,000 Fingerprints	-	Max.3,000 Fingerprints	-
Input Interface	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1
Output Interface	Lock × 1	Lock × 1	Lock × 1	Lock × 1	Lock × 1	Lock × 1
Working Temperature	-10 °C to 40 °C (14 °F to 104 °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)	-30°C to +60°C (-22°F to +140°F)
Protection Level	-	IP65	IP65	IP65	IP65	IP65
Working Humidity	0 to 90% (No condensing)	0 to 90% (No condensing)	0 to 90% (No condensing)	0 to 90% (No condensing)	0 to 90% (No condensing)	10% to 90% (Non-Condensing)
Dimension	118.4 mm × 118.4 mm × 21.8 mm (4.66" × 4.66" × 0.86")	91.3 mm × 181.3 mm × 24.5 mm (3.59" × 7.14" × 0.96")	91.3 mm × 181.3 mm × 24.5 mm (3.59" × 7.14" × 0.96")	91.3 mm × 181.3 mm × 24.5 mm (3.59" × 7.14" × 0.96")	91.3 mm × 181.3 mm × 24.5 mm (3.59" × 7.14" × 0.96")	172.5 mm × 83.2mm × 22.7 mm (6.79" × 3.28" × 0.89")

Model	DS-K1T341AMF	DS-K1T642M, DS-K1T642E	DS-K1T642MF, DS-K1T642EF	DS-K1T642MW, DS-K1T642EW	DS-K1T642MFW, DS-K1T642EFW	DS-K1T671M
Image	 ←HOT Face Recognition Terminal	 ←HOT Face Recognition Terminal	 ←HOT Face Recognition Terminal	 ←HOT Face Recognition Terminal	 ←HOT Face Recognition Terminal	 ←HOT Face Recognition Terminal
Power Supply	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 3,000 Face: 3,000 Fingerprint: 3,000 Events: 150,000	Faces: 6,000 Cards: 10,000 Events: 150,000	Faces: 6,000 Cards: 10,000 Fingerprint: 5,000 Events: 150,000	Faces: 6,000 Cards: 10,000 Events: 150,000	Faces: 6,000 Cards: 10,000 Fingerprint: 5,000 Events: 150,000	Cards: 6,000 Face: 6,000 Events: 50,000
Card Reading Mode	MIFARE 1 card	DS-K1T642M: Mifare card; DS-K1T642E: 125 KHz EM card	DS-K1T642MF: Mifare card DS-K1T642EF: 125 KHz EM card	DS-K1T642MW: Mifare card DS-K1T642EW: 125 KHz EM card	DS-K1T642MFW: Mifare card DS-K1T642EFW: 125 KHz EM card	MIFARE 1 card
Communication Mode	TCP / IP, RS-485, Wiegand, ISUP	TCP / IP, RS-485, Wiegand, ISUP	TCP / IP, RS-485, Wiegand, ISUP	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP	TCP / IP, RS-485, Wiegand, ISUP
LCD Screen	4.3-inch capacitive touch screen Resolution: 480 × 800	4.3-inch capacitive touch screen Resolution: 800 × 480	4.3-inch capacitive touch screen Resolution: 800 × 480	4.3-inch capacitive touch screen Resolution: 800 × 480	4.3-inch capacitive touch screen Resolution: 800 × 480	7-inch LCD Touch screen; Resolution: 1024 × 600
Camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	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	1:N<0.2s
Face mask detection	Support	Support	Support	Support	Support	Support
Fingerprint Capacity	Max.3,000 Fingerprints	-	Max. 5,000 Fingerprints	-	Max. 5,000 Fingerprints	-
Input Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1
Output Interface	Lock × 1	Lock × 1	Lock × 1	Lock × 1	Lock × 1	Lock × 1, Alarm Output × 1
Working Temperature	-30°C to +60°C (-22°F to +140°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)	-30 °C to +60 °C (-22 °F to +140 °F)
Protection Level	IP65	-	-	-	-	IP65
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	172.5 mm × 83.2mm × 22.7 mm (6.79" × 3.28" × 0.89")	118 mm × 118mm × 24 mm (4.65" × 4.65" × 0.94")	118 mm × 118mm × 24 mm (4.65" × 4.65" × 0.94")	118 mm × 118mm × 24 mm (4.65" × 4.65" × 0.94")	118 mm × 118mm × 24 mm (4.65" × 4.65" × 0.94")	239 mm × 116.5 mm × 33 mm (9.41" × 4.59" × 1.30")

Model	DS-K1T671MF	DS-K1T671TMW	DS-K1T671TMFW	DS-K1T672M, DS-K1T672E, DS-K1T672MW	DS-K1T673DX, DS-K1T673DWX	DS-K1T673TDX, DS-K1T673TDWX
Image	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Terminal
Power Supply	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC to 24 VDC, 2 A	12 VDC to 24 VDC, 2 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 6,000 Face: 6,000 Fingerprint: 5,000 Events: 50,000	Cards: 50,000 Face: 50,000 Events: 100,000	Cards: 50,000 Face: 50,000 Fingerprint: 5,000 Events: 100,000	Cards: 50,000 Face: 50,000 Events: 50,000	Cards: 50,000 Face: 10,000 Fingerprint: 10,000(With fingerprint module) Events: 150,000	Cards: 500,000 Face: 100,000 Fingerprint: 10,000(With fingerprint module) Events: 150,000
Card Reading Mode	MIFARE 1 card	MIFARE 1 card	MIFARE 1 card	DS-K1T672M/DS-K1T672MW: Mifare card DS-K1T672E: 125 KHz EM card	DESfire card;Felica card;Mifare 1 card	DESfire card;Felica card;Mifare 1 card
Communication Mode	TCP / IP, RS-485, Wiegand, ISUP	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP	TCP / IP, RS-485, Wiegand, ISUP, Wi-Fi(DS-K1T672MW)	TCP / IP, RS-485, Wiegand, ISUP, Wi-Fi(DS-K1T673DWX)	TCP / IP, RS-485, Wiegand, ISUP, Wi-Fi(DS-K1T673TDWX)
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 capacitive touch screen with bezel-less design Resolution: 1024*600	7-inch LCD touch screen Resolution: 600 × 1024	7-inch LCD touch screen Resolution: 600 × 1024
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 wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens
Face Authentication Duration	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s
Face mask detection	Support	Support	Support	Support	Support	Support
Fingerprint Capacity	Max. 5,000 Fingerprints	-	Max. 5,000 Fingerprints	-	10,000(With fingerprint module)	10,000(With fingerprint module)
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, IO Input × 2,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, IO Input × 2,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, IO Input × 2,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, IO output x 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)	-10 °C to 50 °C (-58 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Protection Level	IP65	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)	0 to 90% (no condensing)	0 to 90% (no condensing)
Dimension	290 mm × 116.5 mm × 33 mm (11.41" × 4.59" × 1.30")	239 mm × 116.5 mm × 33 mm (9.41" × 4.59" × 1.30")	290 mm × 116.5 mm × 33 mm (11.41" × 4.59" × 1.30")	185.8 mm × 103.36 mm × 20.7 mm (7.31" × 4.07" × 0.81")	110.5 mm × 209.2 mm × 24 mm (4.35" × 8.24" × 0.94")	110.5 mm × 209.2 mm × 24 mm (4.35" × 8.24" × 0.94")

Model	DS-K1T680D-E1, DS-K1T680DF-E1	DS-K1T680DW, DS-K1T680DFW	DS-K1T680DG, DS-K1T680DFG	DS-K1T680DG1, DS-K1T680DFG1	DS-K5671-ZV	DS-K5671-ZU	DS-K5671-ZH
Image	 Face Recognition Terminal	 Face Recognition Terminal	 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/24 VDC Power Adapter, POE	12 VDC/24 VDC Power Adapter	12 VDC/24 VDC Power Adapter	12 VDC/24 VDC Power Adapter	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 100,000 Face: 100,000 Events: 150,000	Cards: 100,000 Face: 100,000 Events: 150,000	Cards: 100,000 Face: 100,000 Events: 150,000	Cards: 100,000 Face: 100,000 Events: 150,000	Face: 50,000 Events: 100,000	Face: 50,000 Events: 100,000	Face: 50,000 Events: 100,000
Card Reading Mode	DESfire card;Felica card;Mifare 1 card	DESfire card;Felica card;Mifare 1 card	DESfire card;Felica card;Mifare 1 card	DESfire card;Felica card;Mifare 1 card	-	-	-
Communication Mode	ISUP, Wiegand, RS-485, TCP/IP	ISUP, Wiegand, RS-485, TCP/IP, Wi-Fi	ISUP, Wiegand, RS-485, TCP/IP, 3G/4G(check datasheet for details)	ISUP, Wiegand, RS-485, TCP/IP, 3G/4G(check datasheet for details)	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP
LCD Screen	8-inch LCD Touch screen; Resolution: 1280 × 800	8-inch LCD Touch screen; Resolution: 1280 × 800	8-inch LCD Touch screen; Resolution: 1280 × 800	8-inch LCD Touch screen; Resolution: 1280 × 800	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	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	1:N<0.2s	1:N<0.2s
Face mask detection	Support	Support	Support	Support	Support	Support	Support
Fingerprint Capacity	10,000 (DS-K1T680DF-E1 only)	10,000 (DS-K1T680DFW only)	10,000 (DS-K1T680DFG only)	10,000 (DS-K1T680DFG1 only)	-	-	-
Input Interface	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Door Sensor × 1, IO input × 2, USB × 1	Door Sensor × 1, IO input × 2, USB × 1	Door Sensor × 1, IO input × 2, USB × 1
Output Interface	Lock × 1, IO output × 1	Lock × 1, IO output × 1	Lock × 1, IO output × 1	Lock × 1, IO output × 1	Lock × 1, IO output × 1	Lock × 1, IO output × 1	Lock × 1, IO 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)	-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	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)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")	428.71 mm × 126.6 mm × 100 mm (16.88" × 4.98" × 3.94")	325.19 mm × 126.6 mm × 60.79 mm (12.8" × 4.98" × 2.4")	236.96 mm × 126.6 mm × 86.54 mm (9.33" × 4.98" × 3.41")

Visitor Terminal

Model	DS-K5032	DS-K5032-D	DS-K5032-3XFD
Image	 NEW Visitor Terminal	 NEW Visitor Terminal	 NEW Visitor Terminal
Operation system	Android 7.1.2	Android 7.1.2	Android 7.1.2
Screen size	For Administrator: 10.1-inch LCD touch screen	For Administrator: 10.1-inch LCD touch screen For visitor: 10.1-inch display screen	For Administrator: 10.1-inch LCD touch screen For visitor: 10.1-inch display screen
Screen Resolution	1280 × 800	1280 × 800	1280 × 800
Camera	Dual lens 2MP camera with WDR feature	Dual lens 2MP camera with WDR feature	Dual lens 2MP camera with WDR feature
Temperature measurement	-	-	range: 30 °C to 45 °C (86 °F to 113 °F) accuracy: 0.1 °C deviation: ± 0.5 °C, without black body calibration distance: 0.3 to 2 m
Network	10/100/1000 M self-adaptive	10/100/1000 M self-adaptive	10/100/1000 M self-adaptive
Wi-Fi	Support	Support	Support
Card Reading Mode	0 to 4cm	0 to 4cm	0 to 4cm
Card Authentication Duration	<1 s	<1 s	<1 s
Power Supply	12 VDC / 3A	12 VDC / 3A	12 VDC / 3A
Input Interface	USB × 2	USB × 2	USB × 2
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)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)

Access Control

MinMoe Temperature Screening Terminal

Touch-free, Access is Easier than Ever

Ensure Security with Various Terminals

- > Thermographic technology
- > Displays real-time skin-surface temperature
- > Face mask detection
- > Web configuration
- > Flexible deployment



MinMoe
Face Recognition Terminals

Model	DS-K1T671TM-3XF	DS-K1TA70MI-T	DS-K5671-3XF/ZU	DS-K5604A-3XF/V
Image	 	 	 	 
Power Supply	12 VDC/2 A	12 VDC/2 A	12 VDC/2 A	12 VDC/2 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Face: 50,000 Card: 50,000 Event: 100,000	Face: 6,000 Card: 6,000 Event: 100,000	Face: 50,000 Event: 100,000	Face: 50,000 Event: 100,000
Temperature range	30 °C to 45 °C (86 °F to 113 °F)	30 °C to 45 °C (86 °F to 113 °F)	30 °C to 45 °C (86 °F to 113 °F)	30 °C to 45 °C (86 °F to 113 °F)
Temperature accuracy	±0.5 °C, without black body calibration	±0.5 °C	±0.5 °C, without black body calibration	±0.5 °C, without black body calibration
Measuring distance	0.3 to 2 m	0.3 to 1.8 m	0.3 to 2 m	0.3 to 2 m
Face mask detection	Support	Support	Support	Support
Card Reading Mode	MIFARE 1 card	MIFARE 1 card	N/A	N/A
Communication Mode	10/100/1000 Mbps self-adaptive	10/100/1000 Mbps self-adaptive	10/100/1000 Mbps self-adaptive	10/100/1000 Mbps self-adaptive
LCD Screen	7 inch touch screen	7 inch touch screen	7 inch touch screen	10.1 inch touch screen
Camera	2 MP dual-lens camera, WDR	2 MP dual-lens camera, WDR	2 MP dual-lens camera, WDR	2 MP dual-lens camera, WDR
Input Interface	Network × 1, RS-485 × 1, Wiegand × 1, USB × 2, alarm input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 2, alarm input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 2, door contact × 1, exit button × 1, tamper × 1
Output Interface	lock × 1, alarm output × 1	lock × 1, alarm output × 1	lock × 1	lock × 1
Working Temperature	0 °C to 50 °C (32 °F to 122 °F) For temperature measurement: 10 °C to 35 °C (50 °F to 95 °F)	0 °C to 50 °C (32 °F to 122 °F) For temperature measurement: 10 °C to 35 °C (50 °F to 95 °F)	0 °C to 50 °C (32 °F to 122 °F) For temperature measurement: 10 °C to 35 °C (50 °F to 95 °F)	0 °C to 50 °C (32 °F to 122 °F) For temperature measurement: 10 °C to 35 °C (50 °F to 95 °F)
Working Humidity	10 to 90% (Non-condensing)	10 to 90% (Non-condensing)	10 to 90% (Non-condensing)	10 to 90% (Non-condensing)
Dimension	282.78mm x 116.5mm x 36.7mm (11.13" x 4.59" x 1.44")	290mm x 116.5mm x 35 mm (11.42" x 4.59" x 1.38")	366.6mm x 126.6mm x 122.1mm (14.43" x 4.98" x 4.81")	1398.95mm x 172mm x 250.71mm (55.08" x 6.77" x 9.87")

Access Control

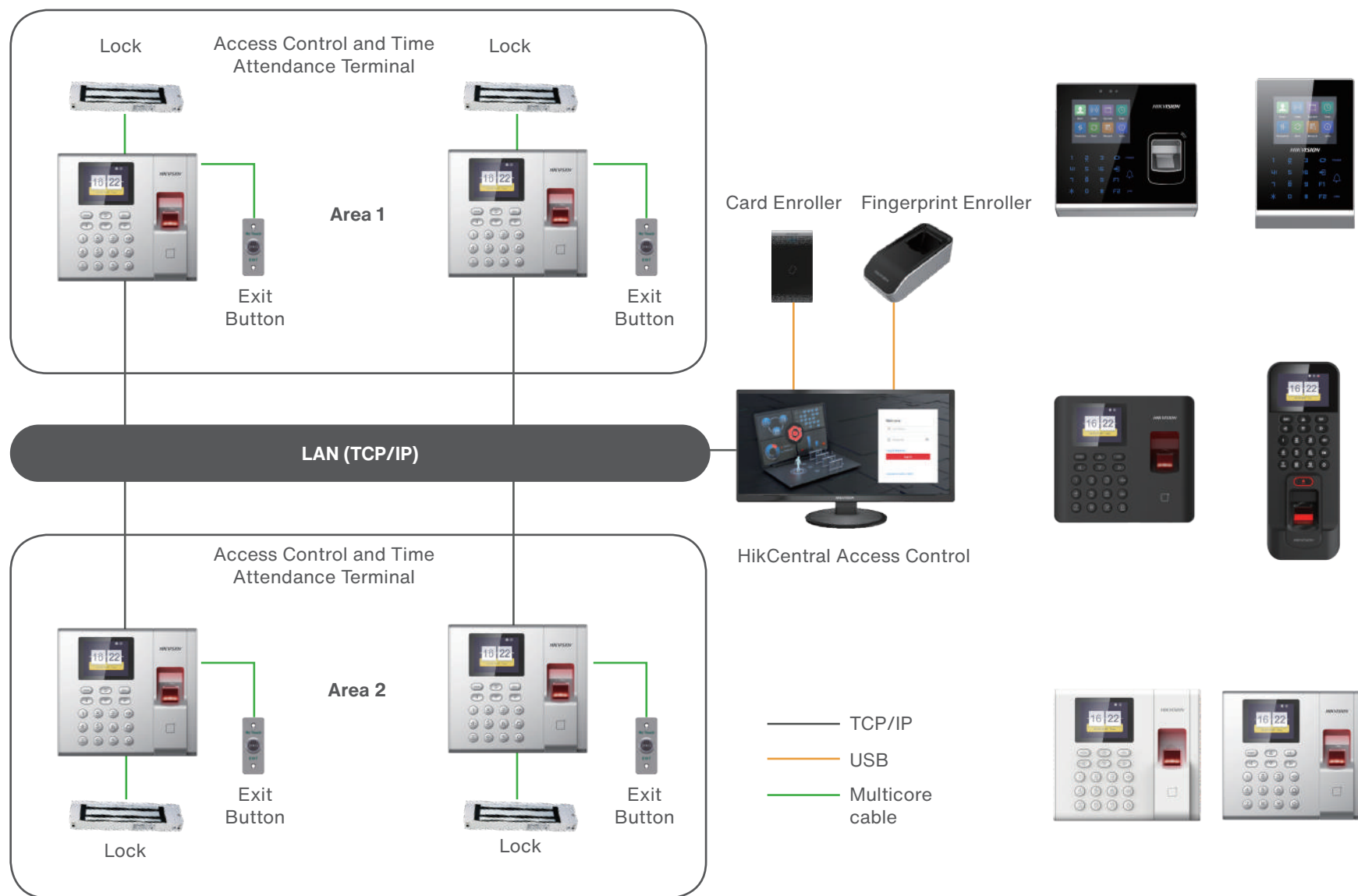
Fingerprint / Card Terminal

Ensure Security with Various 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 ISUP protocol supports multiple-location management
- **Multiple methods to enroll fingerprints:** local devices / remote devices / fingerprint enrollers
- **Import / export system parameters via USB**
- **Local time & attendance recording**
(DS-K1T8003 / DS-K1A8503 / DS-K1T804A / DS-K1T804B/ DS-K1A802A)





Fingerprint Terminal

Model	DS-K1A802AF/AMF/AEF	DS-K1A802AF/AMF/AEF-B	DS-K1T804AF/AMF/AEF	DS-K1T804BFBMF/BEF	DS-K1A8503F/MF/EF
Image	 Fingerprint Time Attendance Terminal	 Fingerprint Time Attendance Terminal (Support backup battery)	 Fingerprint Access Control Terminal	 Fingerprint Access Control Terminal	 Fingerprint Time Attendance Terminal
Power Supply	5 VDC/1A	5 VDC/1A	12 VDC /1A	12 VDC /1A	5 VDC / 1A
Processor	32 Bit	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: 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 seires) MIFARE 1 Card (For M series) (Swiping Card is Not Available for DS-K1A802AF)	EM Card (For E seires) MIFARE 1 Card (For M series) (Swiping Card is Not Available for DS-K1A802AF-B)	EM Card (For E seires) MIFARE 1 Card (For M series) (Swiping Card is Not Available for DS-K1T804AF)	EM Card (For E seires) MIFARE 1 Card (For M series) (Swiping Card is Not Available for DS-K1T804BF)	EM Card (For E seires) MIFARE 1 Card (For M series) (Swiping Card is Not Available for DS-K1A8503F)
Communication Mode	TCP / IP, Wi-Fi, ISUP	TCP / IP, Wi-Fi, ISUP	TCP / IP, Wi-Fi, RS-485 (For Secure Door Control Unit), Wiegand, ISUP	TCP / IP, Wi-Fi, Wiegand, ISUP	TCP / IP, ISUP
LCD Screen	2.4-inch LCD display screen	2.4-inch LCD display screen	2.4-inch (320× 240 LCD-TFT display screen)	2.4-inch (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. 3,000 Fingerprints	Max. 1,000 Fingerprints
Fingerprint Authentication Duration	1:N<1s	1:N<1s	1:N<1s	1:N<1s	1:N<1s
Input Interface	USB	USB	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 1, door contact × 1, exit button × 1, tamper × 1	Network × 1, Wiegand × 1, USB × 1, IO input × 1, door contact × 1, exit button × 1, tamper × 1	USB
Output Interface	-	-	Lock Relay × 1, IO Output × 1	Lock Relay × 1, IO Output × 1	-
LED Indicator	Power / Status	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)	-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)	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")	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-K1T201AMF/EF	DS-K1T501SF
Image	 Fingerprint Time Attendance Terminal (Support backup battery)	 Fingerprint Access Control Terminal	 Fingerprint Access Control Terminal	 Video Access Control Terminal
Power Supply	5 VDC / 1A	12 VDC / 1A	12 VDC/2A	12 VDC/1A
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-B)	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, ISUP	TCP / IP, ISUP	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	2.8-inch LCD	-
Camera	-	-	-	2 MP, Video Recording
Fingerprint Capacity	Max. 1,000 Fingerprints	Max. 1,000 Fingerprints	Max. 5,000 Fingerprints	Max. 5,000 Fingerprints
Fingerprint Authentication Duration	1:N<1s	1:N<1s	1:N<1s	1:N<1s
Input Interface	USB	Exit Button × 1, Door Sensor × 1, USB × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Doorbell Button × 1, Door Sensor × 1, Alarm Input × 2, Exit Button × 1, Tamper × 1
Output Interface	-	Lock Relay × 1, Doorbell Output × 1	IO output × 1, Lock Relay × 1	Lock × 1, Alarm Output (Doorbell) × 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)	-30 °C to 60 °C (-22 °F to 140 °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%	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")	137 mm × 142 mm × 35 mm (5.4" × 5.6" × 1.4")	218mm × 78mm × 41mm (8.58" × 3.07" × 1.61")

Model	DS-K1T105AM/E	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	2.8-inch LCD	-	128 × 64 STN Screen	-
Camera	-	-	-	2 MP, Video Monitor & Recording
Input Interface	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	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	IO output × 1, Lock Relay × 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%	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	137 mm × 142 mm × 35 mm (5.4" × 5.6" × 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

Kit

Single-door access control solution

- One-stop purchasing
- Convenient delivery as a kit





Face Recognition Terminal Kit

DS-KAS541

Face recognition terminal: DS-K1T341AMF x 1

Touch-free button: DS-K7P03 x 1

Single-door magnetic lock: DS-K4H258S x 1

Lock bracket: DS-K4H258-LZ x 1

M1 card: FM11RF08-M1 x 3



Fingerprint Terminal Kit

DS-KAS261

Fingerprint terminal: DS-K1T804AMF x 1

Push button: DS-K7P02 x 1

Single-door magnetic lock: DS-K4H258S x 1

Lock bracket: DS-K4H258-LZ x 1

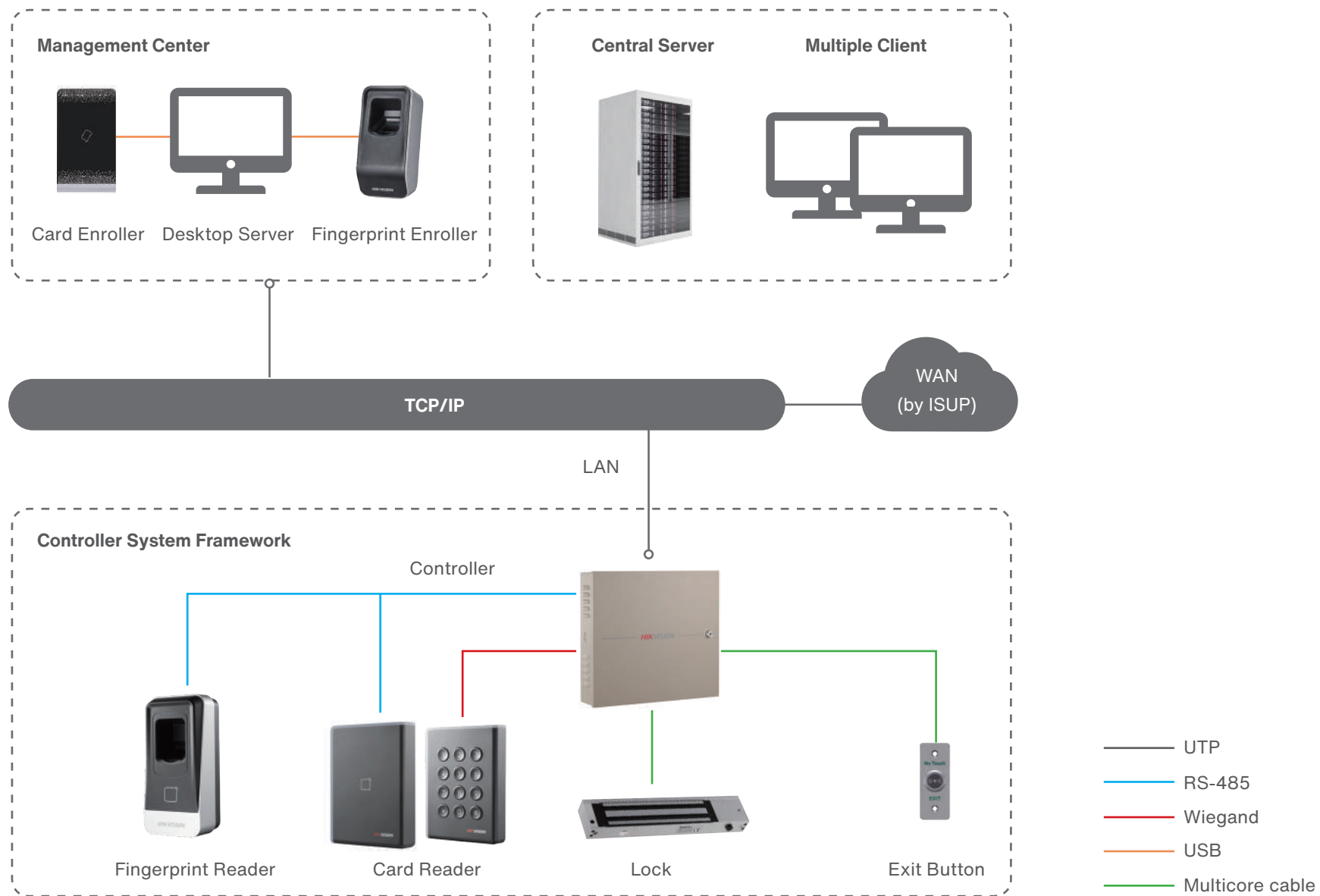


Access Control

Access Controller

Take Control of Security, Take Control of Your Life

- Multi-door control
- Optional backup battery (DS-K2600T & DS-K2600G series)
- 3rd-Party Wiegand reader accessible
- Supports ISAPI and OSDP protocol
- Supports interlock, anti-passback, and advanced access control functions
- Supports zone Alarm Input and 3rd-party fire alarm linkage
- Data is stored locally in the event of sudden power outage
- WAN connection by ISUP protocol, multiple location management



Access Controller

Model	DS-K2801/02/04	DS-K2601T/02T/04T	DS-K2601/02/04-G
Image	 K2800 Series Access Controller	 K260XT Series Access Controller	 K260X-G Series Access Controller
Working Voltage	12 VDC	12 VDC	12 VDC
Input Voltage	100-240 VAC	100-240 VAC	100-240 VAC
Processor	32 bit	32 bit	32 bit
Uplink Communication Interface	TCP / IP	TCP / IP, RS485, ISUP	TCP / IP, RS485, ISUP
Downlink Communication Interface	Wiegand	RS485 & Wiegand / OSDP	RS485 & Wiegand / OSDP
Storage	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
Built-in Clock	Yes	Yes	Yes
Accessible Card Reader	Wiegand Reader: 2/4/4	RS485 Reader: 2/4/8 Wiegand Reader: 2/4/4	RS485 Reader: 2/4/8 Wiegand Reader: 2/4/4
Input Interface	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: 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)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (L×W×H)	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 / Desfire card options
- > Outdoor models with IP65 / IK10 rating
- > Optional touch keypad



Card Reader

Model	DS-K1101M/MK	DS-K1102A E/M/EK/MK	DS-K1103M/MK	DS-K1104M/MK	DS-K1107AE/AEK/AM/AMK	DS-K1108A E/M/D/EK/MK/DK
Image	 K1100 Series Card Reader	 K1100 Series Card Reader	 K1100 Series Card Reader	 K1100 Series Card Reader	 K1100 Series Card Reader	 K1100 Series Card Reader
Reading Frequency	13.56 MHz	125 KHz[For E Series]/13.56 MHz[For M Series]	13.56 MHz	13.56 MHz	125 KHz[For E Series]/13.56 MHz[For M Series]	125 KHz[For E Series]/13.56 MHz[For M&D Series]
Reading Range	≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare 1 Card: ≤50 mm (≤1.97")	≤50 mm (≤1.97")	≤50 mm (≤1.97")	≤ 50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare 1 Card: ≤50 mm (≤1.97") Desfire Card: ≤30 mm (≤1.18") Felica Card: ≤30 mm (≤1.18")
Shell Material	PC+ABS	PC+ABS	PC+ABS	PC & Zinc-Alloy	PC+ABS	PC+ABS
Communication Mode	RS485/Wiegand	RS485/Wiegand	RS485/Wiegand	RS485/Wiegand	RS485/Wiegand	RS485/Wiegand
ID Settings	Via DIP Switch	Via DIP Switch	Via DIP Switch	Via DIP Switch	Via DIP Switch	Via DIP Switch
Audio Alert	Beeper	Beeper	Beeper	Beeper	Beeper	Beeper
Power	12 VDC	12 VDC	12 VDC	12 VDC	12V DC	12 VDC
Power Consumption	≤2 W	≤2 W	≤2 W	≤2 W	≤2 W	≤2 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 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)	-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)	10% to 90% (Non Condensing)
Protection Level	IP 54	IP 54	IP 54	IP 65 IK10	IP 65	IP 65
Dimensions (L×W×H)	132.0 mm × 92.3 mm × 20.5 mm (5.20" × 3.63" × 0.81")	121 mm × 86.5 mm × 14 mm (4.76" × 3.41" × 0.55")	129 mm × 76 mm × 14.7 mm (5.08" × 2.99" × 0.58")	118 mm × 70 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 120 Gang Box Only	Applied for 86/120 Gang Box	Applied for 120 Gang Box Only	Applied for 86 & 120 Gang Box	Wall mounting with screws. The Gang Box is not supported	Wall Mounting with Screws; Applied for 86/120 Gang Box

Fingerprint Reader

Model	DS-K1201AMF/AEF
Image	 NEW Fingerprint Reader
Reading Frequency	125 KHz(For E Series)/13.56 MHz(For M Series)
Reading Range	30 mm (1.18") to 100 mm (≤3.94")
FP Module	Optional Fingerprint Module
FP Capacity	5,000
Comparison Time	1:1 ≤ 1s 1:N ≤ 1.5s
Shell Material	PC+ABS
Communication Mode	RS-485
ID Settings	Via DIP Switch
Audio Alert	Beeper
Power	12V DC ± 10%
Power Consumption	≤6 W
LED Indicator	Power Indicator; Status LED Indicator
Operating Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Operating Humidity	10% to 90% (No Condensing)
Protection Level	IP65
Dimensions (L×W×H)	62mm × 132mm × 44mm (2.44" × 5.20" × 1.73")
Installing Method	Surface Mounting

Wiegand Reader

Model	DS-K1801M/MK/E/EK	DS-K1802M/MK/E/EK
Image	 Wiegand Card Reader	 HOT Wiegand Card Reader
Reading Frequency	125 KHz(For E Series)/13.56 MHz(For M Series)	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")	EM Card: ≤100 mm (≤3.94") Mifare Card: ≤50 mm (≤1.97")
Shell Material	PC+ABS	PC+ABS
Communication Mode	Wiegand	Wiegand
Audio Alert	Beeper	Beeper
Power	12 VDC	12 VDC
Power Consumption	≤1.6 W	≤1.6 W
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)
Operating Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP 65	IP 65
Dimensions (L×W×H)	87 mm × 87 mm × 13.3 mm (3.43" × 3.43" × 0.52")	115.9 mm×43.3 mm×17 mm (4.56" × 1.70" × 0.67")
Installing Method	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	 Fingerprint Enroller
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, 200 mA
Dimensions (L×W×H)	100 mm × 48 mm × 35 mm (3.9" × 1.9" × 1.4")
System	Windows XP, Windows 7, and Windows 10

Card Enroller

Model	DS-K1F100-D8E
Image	 Card Enroller
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	5 VDC, 200 mA
Dimensions (L×W×H)	117 mm × 67.5 mm × 14.3 mm (4.6" × 2.66" × 0.56")
System	Windows XP, Windows 7, Windows 8 and Windows 10

Multi-biometric Enroller

Model	DS-K1F600U-D6E	DS-K1F600U-D6E-F
Image	 Face, Card Enroller	 Face, Fingerprint, Card Enroller
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, USB	TCP/IP, Wi-Fi, USB
Card type	EM card, Mifare 1 card, DESfire card, Felica card	EM card, Mifare 1 card, DESfire card, Felica card
Fingerprint	-	Support
Offline Picture storage	2000	2000
Interface	USB, Type C USB	USB, Type C USB
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%	10% to 90%
Working Current	12 V, 1.25 A	12 V, 1.25 A
Dimensions (L×W×H)	121.6 mm × 137.9 mm × 125 mm (4.8" × 5.4" × 4.9")	121.6 mm × 137.9 mm × 125 mm (4.8" × 5.4" × 4.9")
System	Windows XP, Windows 7, and Windows 10	Windows XP, Windows 7, and Windows 10

Access Control

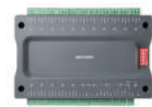
Elevator Controller

Dual Confirmation for Smart Buildings

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



Elevator Controller

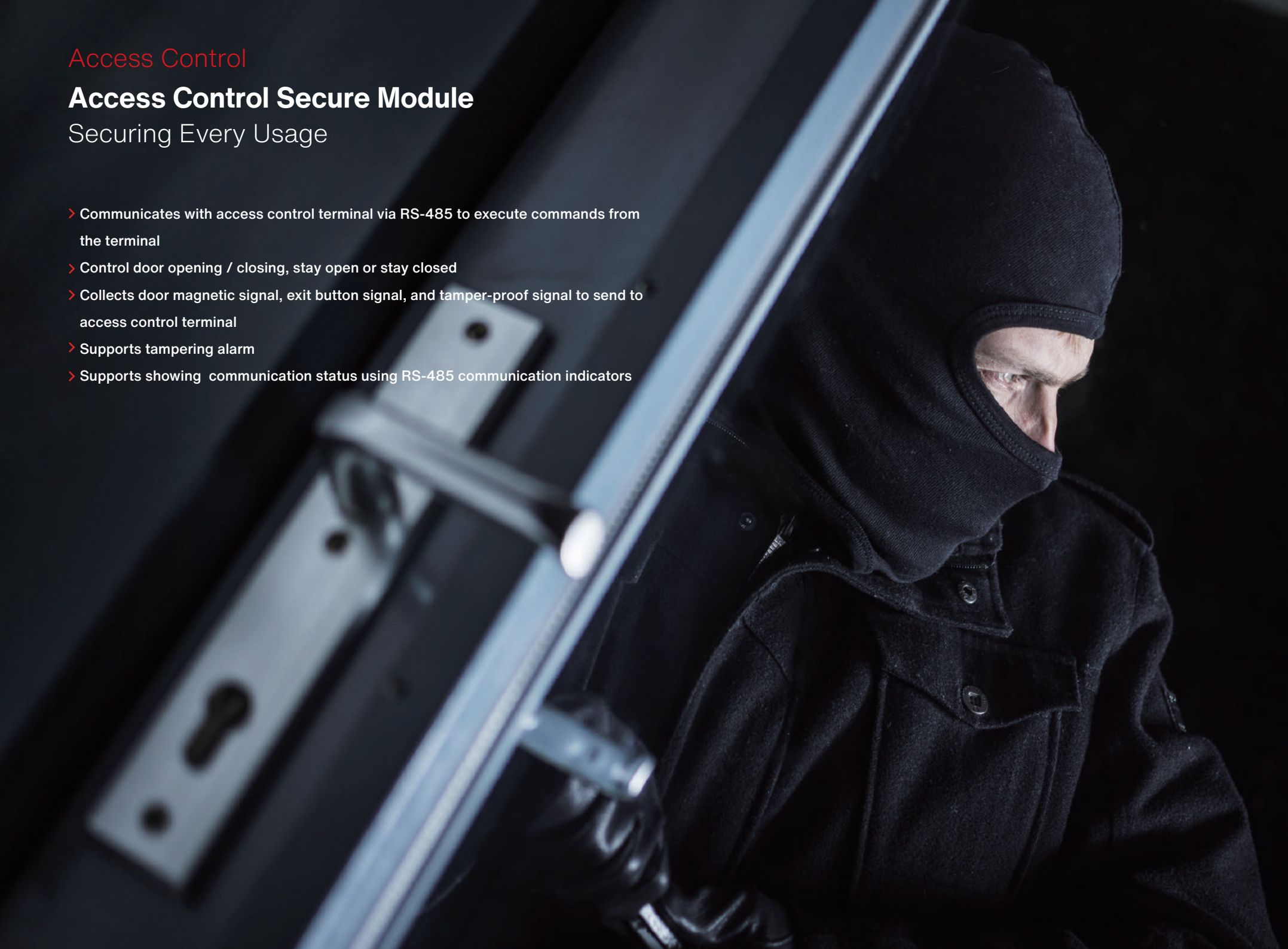
Model	DS-K2210	DS-K2M0016A
Image	 Main Elevator Controller	 Sub Elevator Controller
Working Voltage	12 VDC	12 VDC
Power Consumption	≤4 W (without load)	≤2 W (without load)
Processor	32 bit	32 bit
Uplink Communication Interface	TCP/IP	RS-485
Downlink Communication Interface	RS-485, Wiegand	-
Storage	20,000 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")

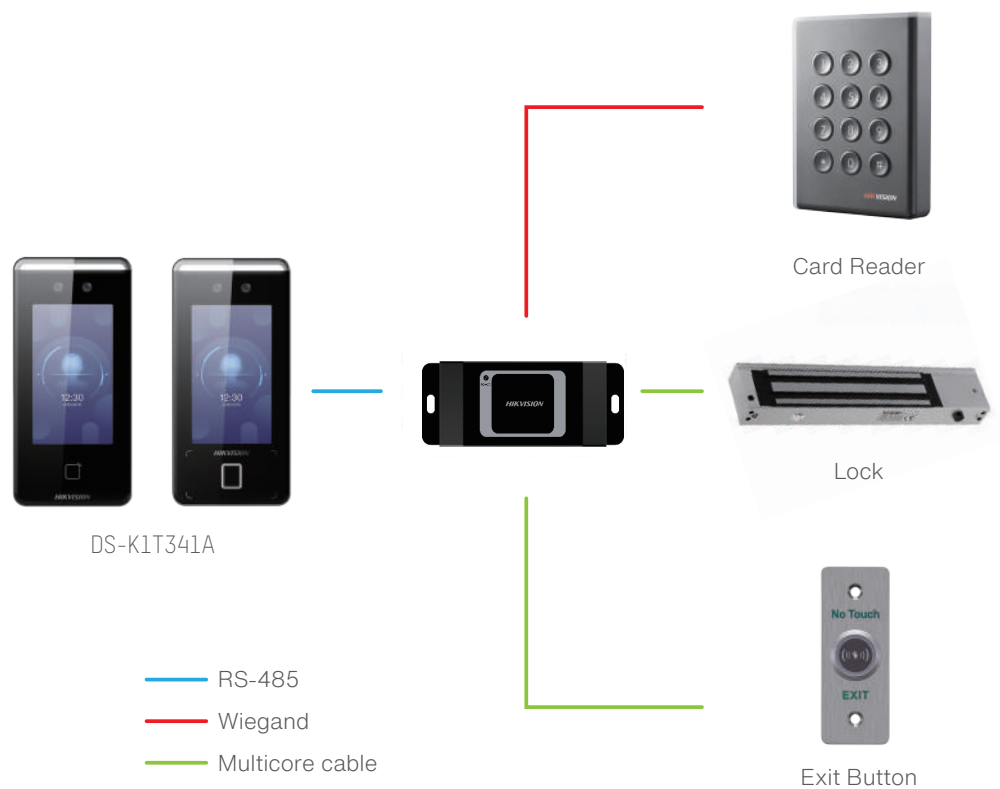
Access Control

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-K2M061
Image	 Secure Door Control Unit
Communication Interface	RS-485
Input / Output Interface	Exit Button x 1, Lock x 1, Door Magnetic x 1, Alarm Input x 2, Alarm Out x 1, RS485 x 1 and Wiegand x 1
Indicator	1 Indicators for power supply
Fire alarm input	Support
Power Supply	12 VDC
Working Temperature	-40 °C to 70 °C (-32°F to 146°F)
Working Humidity	10% to 90% (Non Condensing)
Dimensions	48 mm × 115 mm × 26 mm (1.89" × 4.53" × 1.0")
Installing Method	Wall Mounting

Electric Bolt Lock

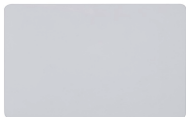
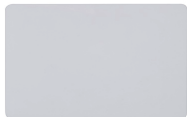
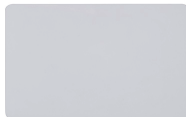
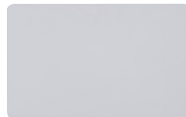
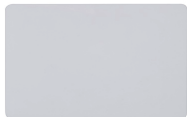
Model	DS-K4T100	DS-K4T100-U1	DS-K4T100-U2	DS-K4E100	DS-K46100	DS-K4T108	DS-K4T108-U1
Image	 Electric Bolt Lock	 Lower U-bracket of Electric Bolt, for Using with DS-K4T100	 Upper and lower U-bracket of Electric Bolt, for Using with DS-K4T100	 Electric Motor Lock	 Electric Strike Lock	 Electric Bolt Lock	 Lower U-bracket of Electric Bolt, for Using with DS-K4T108
Delay Duration	0/3/6/9s Optional	-	-	1/3/6/9s Optional	-	0/3/6/9s Optional	-
Maximum Thrust	Polished and Brushed Stainless Steel, Support Thrust of 800kg	-	-	-	SUS304 stainless steel, Support static linear thrust of 800 kg (1764 lb)	-	-
Secure	Power Off for Unlocking	-	-	Power On for Unlocking	Power On for Unlocking(default)	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/24VDC	12 VDC	-
Working Current	900 mA (Startup Current) 100 mA (Standby)	-	-	300 mA	12 V / 320 mA 24 V / 160 mA	≤1.2A (Startup Current) 0.2A (Standby)	-
Magnetic Induction Distance	8 mm (0.31")	-	-	10 mm (0.39")	15 mm(0.59")	-	-
Dimension Of Strike (L×W×H)	90 mm × 25 mm × 2 mm (3.54" × 0.98" × 0.07")	-	-	99 mm × 36 mm × 35 mm (3.90" × 1.42" × 1.38")	-	-	-
Dimension Of Body	-	93 mm × 50 mm × 30 mm (3.66" × 1.97" × 1.18")	205 mm × 58 mm × 46 mm (8.07" × 2.28" × 1.81")	-	165 mm × 43.7 mm × 35 mm (6.5" × 1.7" × 1.4")	-	70 mm × 44 mm × 24.5 mm (2.8" × 1.73" × 1.0")
Lock Body / Material	Eco-friendly Zinc Electroplating Operated	Aluminum Alloy	Aluminum Alloy	Stainless Steel	Stainless steel	-	Aluminum Alloy
Shell / Strike	Eco-friendly Zinc Electroplating Operated	-	-	Stainless Steel	Material of latch: SUS304 stainless steel Material of plate: wire-drawing on the surface	Hard Anodizing Electroplating Operated	-
Lifetime	500 Thousand Times of Locking Operation	-	-	500 Thousand Times of Locking Operation	100,000 times usage of the electromagnetic coil when powering on	-	-
Suitable Doors	Wooden Door, Glass Door, Metal Door, Fireproof Door	Fully Frameless Glass Door, Thickness of the Glass between 10-15 mm (0.39-0.59")	Fully Frameless Glass Door, Thickness of the Glass between 10-15 mm (0.39-0.59")	Wooden Door, and Metal Door	Wooden door, metal door, PVC door	Wooden Door, Glass Door, Metal Door	Lower Edge Frameless Glass Door with a Space of more than 5 mm between the Leaf and Frame
Signal Output	Signal Output NC, COM Contact of Door-status	-	-	Signal Output NO, NC, COM Contact of Door-status	Dry contact signal output; NO output while locking and NC output while unlocking	-	-
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (non-condensing)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10° C to 55° C (14° F to 131° F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Weight	0.7 kg (1.54 lb)	0.27 kg (0.60 lb)	1.3 kg (2.87 lb)	1.45 kg (3.2 lb)	0.4 kg (0.9 lb)	0.74 kg (1.63 lb)	0.15 kg (0.33 lb)

Magnetic Lock

Model	DS-K4H250S	DS-K4H250D	DS-K4H450S	DS-K4H450D	DS-K4H250-LZ	DS-K4H250-U
Image	 Single-door Magnetic Lock	 Double-door Magnetic Lock	 Single-door Magnetic Lock	 Double-door Magnetic Lock	 LZ-Bracket of Magnetic Lock, for DS-K4H250S	 U-Bracket of Magnetic Lock, for DS-K4H250S/D
Maximum Thrust	280 kg Linear Thrust	280 kg × 2 Linear Thrust	500 kg Linear Thrust	500 kg × 2 Linear Thrust	-	-
Secure	Power Off for Unlocking	Power Off for Unlocking	Power Off for Unlocking	Power Off for Unlocking	-	-
Working Voltage	12 VDC / 24 VDC	12 VDC / 24 VDC	12 VDC / 24 VDC	12 VDC / 24 VDC	-	-
Working Current	12 V / 500 mA 24 V / 250 mA	12 V / 500 mA × 2 24 V / 250 mA × 2	12 V / 420 mA 24 V / 210 mA	12 V / 420 mA×2 24 V / 210 mA×2	-	-
Dimension Of Body	240 × 49 × 25.5 mm (9.45" × 1.93" × 1.00")	480 × 49 × 25.5 mm (18.9" × 1.93" × 1.00")	265 × 71.8 × 38.8 mm (10.43" × 2.83" × 1.53")	530 × 71.8 × 38.8 mm (20.87" × 2.83" × 1.53")	-	-
Dimension Of Armature Plate	180 × 38 × 11 mm (7.1" × 1.5" × 0.4")	180 × 38 × 11 mm (7.1" × 1.5" × 0.4")	185 × 60 × 13 mm (7.28" × 2.36" × 0.51")	185 × 60 × 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 (2.31 lb)	0.4 kg (0.88 lb)

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

Model	DS-KEM125	IC S50	S50+TK4100	FM11RF08-M1	DS-K7M102-M	DS-K7M106-D0E
Image	 (ID Card)	 (IC Card)	 (IC+HD Card)	 (IC Card)	 (IC Card)	 (Desfire Card (encrypted))
Standard	-	ISO/IEC 14443A	ISO14443 Type A ISO/IEC 7816-5	ISO/IEC 14443	ISO/IEC 14443	ISO14443A Type A
Sensing Frequency	125 KHz +/- 6 KHz	13.56 MHz	13.56 MHz	13.56 MHz	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	Read and Write
Data Transmission Speed	-	106 kbps	-	106 Kbps	106 Kbps	-
Sensing Distance	≤15 cm	≤10 cm	≤10 cm	≤10 cm	≤4 cm	≤10 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	4K Byte 5 years data storage ≥100,000 writing times
Temperature	-20°C to +75°C (-4° F to 167° F)	-20°C to +75°C (-4° F to 167° F)	-20°C to +75°C (-4° F to 167° F)	-20°C to +75°C (-4° F to 167° F)	-10° C to 50° C (14° F to 122° F)	-20°C ~ +70°C (-4° F to 158° F)
Material	PVC	PVC	PVC	PVC	PVC, AB glue	PVC
Color	White	White	White	White	White and Red	White
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")	85.5 mm × 54 mm × 0.9 mm (3.37" × 2.13" × 0.04")

Power supply

Model	DS-K7M-AW50	DS-K7M-AW100
Image		
Applicable device (device purchased seperately)	1 access control terminal and 1 lock	2 access control terminals and 2 locks
Power supply	Power input: 100 to 240 VAC, 50W Power output: 12 VDC	Power input: 100 to 240 VAC, 100W Power output: 12 VDC
Working temperature	-10 °C to 70 °C (14 °F to 158 °F)	-10 °C to 70 °C (14 °F to 158 °F)
Working humidity	< 95%	< 95%
Dimensions	235 mm × 284 mm × 90 mm (9.25" × 11.18" × 3.5")	370 mm × 345 mm × 90 mm (14.7" × 13.6" × 3.5")

Floor Stand

Model	DS-KAB671-P1	DS-KAB6-D1
Image		
Suitable device model	DS-K1T671 series DS-K1T671T series DS-K1T671TM-3XF DS-K1TA70-T	DS-K1T671 series (including temperature screening series) DS-K1T672 series DS-K1T680 series DS-K1TA70 series DS-K1T341B series DS-K1T341A series
Material	AL-6061 aluminum alloy	ZAMAK, ABS
Weight	5.5 kg (12.1 lb)	Net: 1.39 kg (3.06 lb) Rough: 2.12 kg (4.67 lb)
Dimensions	300 mm × 300 mm × 1312 mm (11.8" × 11.8" × 51.6")	127.97 mm × 215.49 mm × 133.97 mm (5.04" × 8.48" × 5.27")

USB Module

Model	DS-KAB673-B	DS-KAB673-FB	DS-KAB673-BQR	DS-KAB673-FBQR
Image	NEW 	NEW 	NEW 	NEW 
Features	extended module, support hot swap, supports bluetooth function	extended module, support hot swap, supports fingerprint and bluetooth function	extended module, support hot swap, supports bluetooth and QR Code function	extended module, support hot swap, supports fingerprint, bluetooth and QR Code function
Suitable device model	DS-K1T673 Series MinMoe Terminal	DS-K1T673 Series MinMoe Terminal	DS-K1T673 Series MinMoe Terminal	DS-K1T673 Series MinMoe Terminal
Dimensions	110.5 mm × 23.7 mm × 47.7 mm (4.35" × 0.93" × 1.88")	110.5 mm × 23.7 mm × 47.7 mm (4.35" × 0.93" × 1.88")	110.5 mm × 23.7 mm × 47.7 mm (4.35" × 0.93" × 1.88")	110.5 mm × 23.7 mm × 47.7 mm (4.35" × 0.93" × 1.88")

Access Control

Speed Gate and Turnstile

Flexible Solution, Faster Access

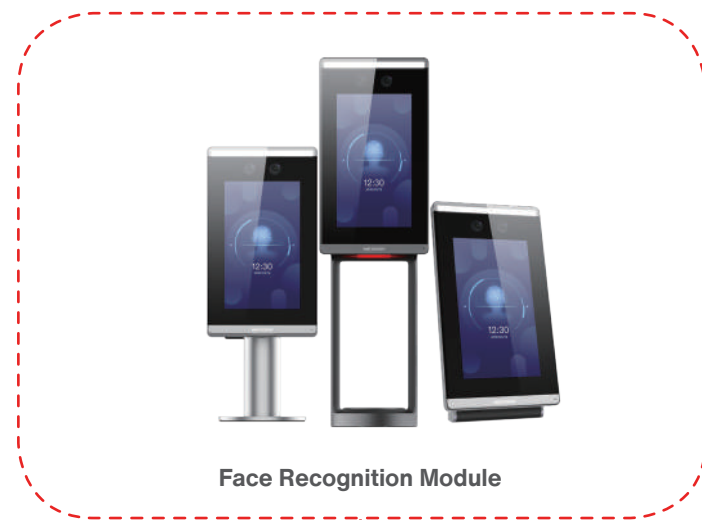
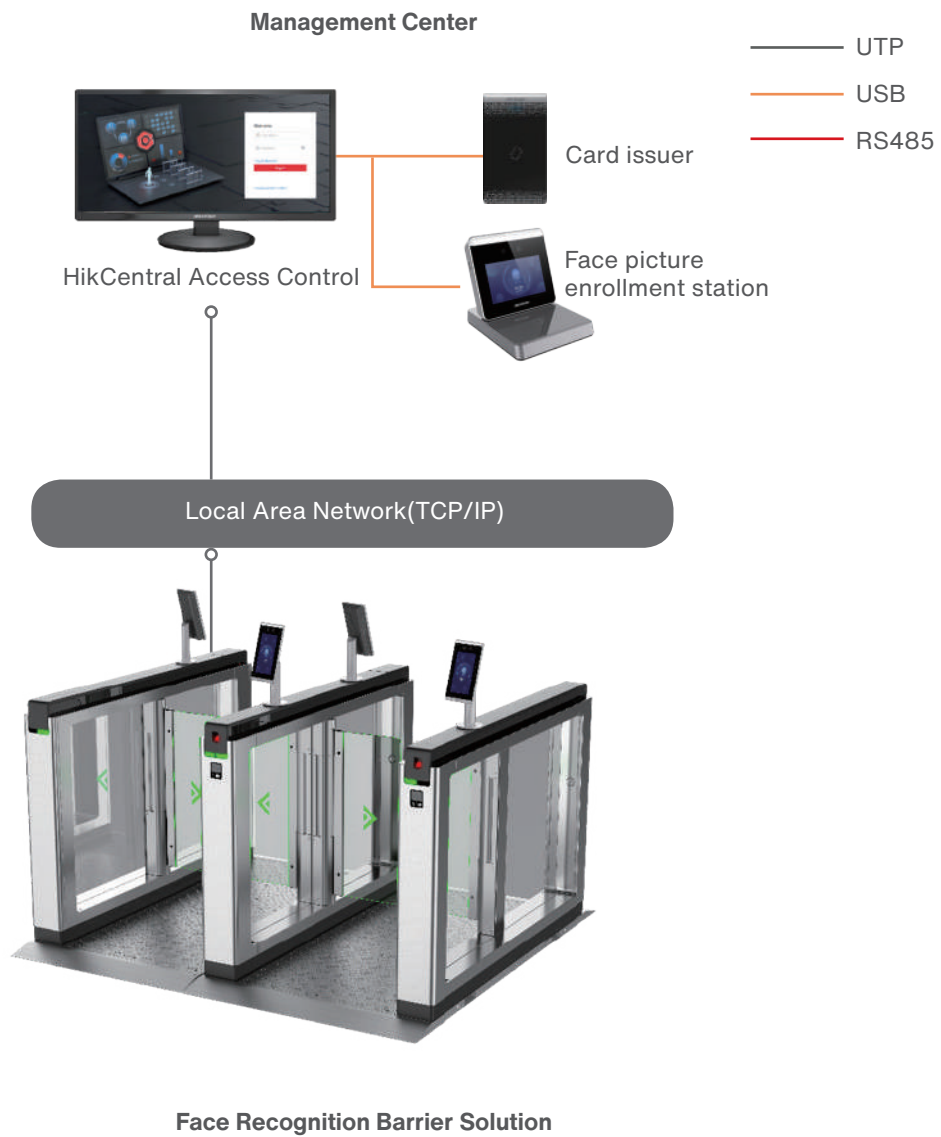
By adopting the turnstiles integratedly with the access control system, person should authenticate to pass through the lane via swiping IC or ID card, scanning QR code, etc. It is widely used in attractions, stadiums, construction sites, residences, etc.

Enhanced accessing speed

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

Easy to install and remove, no other construction works needed





Model	K364402 Series	K36411 Series	DS-K36501/K36501SX Series	DS-K3B411X/K3B411SX Series
Image	 Tripod Turnstile	 Tripod Turnstile	 Tripod Turnstile	 Swing Barrier
Power supply	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz
Built in Access Controller	N	Y	Y	Y
Communication Interface	I/O x 2	TCP/IP x 1 I/O x 2 RS-232 x 2 RS-485/RS232 (Configurable) x 6 Wiegand x 2	TCP/IP x 1 I/O x 2 RS-232 x 2 RS-485/RS232 (Configurable) x 6 Wiegand x 2	TCP/IP x 1 I/O x 2 RS-232 x 2 RS-485/RS232 (Configurable) x4
IR Light Detectors	N	N	N	6 pairs
Throughput	more than 35 persons per minute The actual throughput is affected by the person passing rate and passing method	more than 35 persons per minute The actual throughput is affected by the person passing rate and passing method	more than 35 persons per minute The actual throughput is affected by the person passing rate and passing method	20 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method
Capacity	N	60,000 cards and 180,000 events	60,000 cards and 180,000 events	60,000 cards and 180,000 events
MCBF	>3 million times	>3 million times	>3 million times	>3 million times
Barrier/Wings Material	Stainless steel pipe	Stainless steel pipe	Stainless steel pipe	Stainless steel pipe, Acrylic glass
Pedestal Material	SUS304 stainless steel 1.0 mm(0.03")	SUS304 stainless steel 1.2 mm(0.05")	SUS304 stainless steel 1.5 mm (0.06")	SUS304 stainless steel 1.2 mm(0.05")
Weight per Pedestal	With packaging:40 kg (88 lb) Without packaging:35 kg (77lb)	With packaging:31 kg (68 lb) Without packaging:26 kg (57 lb)	With packaging:69 kg (152 lb) Without packaging:45 kg (99 lb)	With packaging:Left and right pedestal: 67 kg (148 lb) Middle pedestal:72 kg (159 lb) Without packaging:Left and right pedestal: 39 kg (86 lb) Middle pedestal:43 kg (96 lb)
Lane Width	550 mm (21.65")	550 mm (21.65")	550 mm (21.65")	650 mm to 1100 mm (25.59" to 43.31")
Dimension (L x W x H) per Pedestal	Without packaging:480mm x 960mm x 280 mm (18.9" x 37.8" x 11.0") With packaging:570 mm x 1120 mm x 370 mm (22.4" x 44.1" x 14.6")	Without packaging:502 mm x 202 mm x 1010 mm (19.8" x 8.0" x 40.0") With packaging:745 mm x 365 mm x 1120 mm (29.3" x 14.4" x 44.1")	Without packaging:232 mm x 960 mm x 1208 mm (9.1" x 37.8" x 47.6") With packaging:390 mm x 1185 mm x 1320 mm (15.4" x 306.5" x 52.0")	Without packaging:1200 mm x 200 mm x 1020 mm (47.2" x 7.9" x 40.2") With packaging:1408 mm x 348 mm x 1156 mm (55.4" x 13.7" x 45.5")
Working Humidity	5% to 90% (No condensing)	0% to 95% (No condensing)	0% to 95% (No condensing)	10% to 95% (No Condensing)
Working Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-20 °C to 65 °C (-4°F to 149 °F)	-20 °C to 65 °C (-4 °F to 149 °F)
Application environment	Indoor	Indoor	Indoor/Outdoor	Indoor/Outdoor

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

Model	DS-K3B501S/DS-K3B501SX Series	DS-K3B601/DS-K3B601SX Series	DS-K3B801/DS-K3B801SX Series	K3B802X Series
Image	 HOT Swing Barrier	 HOT Swing Barrier	 HOT Swing Barrier	 NEW Swing Barrier
Power supply	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC; 50 to 60 Hz
Built in Access Controller	Y	Y	Y	Y
Communication Interface	TCP/IP x 1 I/O x 2 RS-232 x 2 RS-485/RS232 (Configurable) x 6 Wiegand x 2	TCP/IP x 1 I/O x 2 RS-232 x 2 RS-485/RS232 (Configurable) x 6 Wiegand x 2	TCP/IP x 1 I/O x 2 RS-232 x 2 RS-485/RS232 (Configurable) x 6 Wiegand x 2	TCP/IP x 1 I/O x 2 RS-232 x 2 RS-485/RS232 (Configurable) x 6 Wiegand x 2
IR Light Detectors	12 pairs	601: 12 pairs 601SX: 20 pairs	24 pairs	24 pairs
Throughput	20 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method	30 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method	30 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method	30 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method
Capacity	60,000 cards and 180,000 events	60,000 cards and 180,000 events	60,000 cards and 180,000 events	60,000 cards and 180,000 events
MCBF	>6 million times	>6 million times	>6 million times	>6 million times
Barrier/Wings Material	Stainless steel pipe, Acrylic glass	Stainless steel pipe, Acrylic glass	Acrylic glass	Tempered glass
Pedestal Material	SUS304 stainless steel 1.2 mm (0.05")	SUS304 stainless steel 1.5 mm (0.06")	SUS304 stainless steel 2 mm (0.08")	SUS304 stainless steel 2 mm (0.08")
Weight per Pedestal	With packaging: Left and right pedestal: 86 kg (190 lb) Middle pedestal: 100 kg (221 lb) Without packaging: Left and right pedestal: 56 kg (123 lb) Middle pedestal: 71 kg (157 lb)	With packaging: Left and right pedestal: 102 kg (225 lb) Middle pedestal: 115 kg (253 lb) Without packaging: Left and right pedestal: 72 kg (158 lb) Middle pedestal: 85 kg (187 lb)	With packaging: Left and right pedestal: 102 kg (225 lb) Middle pedestal: 115 kg (253 lb) Without packaging: Left and right pedestal: 146 kg (323 lb) Middle pedestal: 170 kg (376 lb)	With packaging: Left and right pedestal: 153 kg (338 lbs) Middle pedestal: 171 kg (376 lbs) Without packaging: Left and right pedestal: 99 kg (219 lbs) Middle pedestal: 117 kg (258 lbs)
Lane Width	650 mm to 1100 mm (25.59" to 43.31")	650 mm to 1100 mm (25.59" to 43.31")	650 mm to 1100 mm (25.59" to 43.31")	650 mm to 900 mm (25.59" to 35.43")
Dimension (L x W x H) per Pedestal	Without packaging: 1500 mm x 200 mm x 960 mm (59.06" x 7.87" x 37.80") With packaging: 1610 mm x 300 mm x 1100 mm (63.39" x 11.81" x 43.31")	Without packaging: 1500 mm x 200 mm x 990 mm (59.06" x 7.87" x 38.98") With packaging: 1610 mm x 300 mm x 1100 mm (63.39" x 11.81" x 43.31")	Without packaging: 1500 mm x 160 mm x 1010 mm (59.1" x 6.3" x 39.8") With packaging: 1688 mm x 348 mm x 1318 mm (66.5" x 13.7" x 51.9")	Without packaging: 1500 mm x (160+64.5)mm x 1010 mm (59.1" x 8.84" x 39.8") With packaging: 1670 mm x 490 mm x 1180 mm (65.8" x 19.3" x 46.5")
Working Humidity	0% to 95% (No condensing)	10% to 95% (No Condensing)	10% to 95% (No condensing)	10% to 95% (No Condensing)
Working Temperature	-20 °C to 65 °C (-4°F to 149 °F)	-25 °C to 70 °C (-13 °F to 158 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Application environment	Indoor/Outdoor	Indoor/Outdoor	Indoor	Indoor

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

Model	K3Y501/DS-K3Y501SX Series	K3Y411X Series	K3H4410 Series
Image	 	 	 
Power supply	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC; 50 to 60 Hz	100 to 240 VAC; 50 to 60 Hz
Built in Access Controller	Y	Y	N
Communication Interface	TCP/IP x 1 I/O x 2 RS-232 x 2 RS-485/RS232 (Configurable) x 6 Wiegand x 2	TCP/IP x 1 I/O x 2 RS-232 x 2 RS-485/RS232 (Configurable) x 4	I/O x 2
IR Light Detectors	12 pairs	6 pairs	N
Throughput	30 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method	20 to 60 persons per minute The actual throughput is affected by the person passing rate and passing method	More than 30 persons per minute The actual throughput is affected by the person passing rate and passing method
Capacity	60,000 cards and 180,000 events	60,000 cards and 180,000 events	N
MCBF	>6 million times	>6 million times	>2 million times
Barrier/Wings Material	Acrylic glass	Acrylic glass	Stainless steel pipe
Pedestal Material	SUS304 stainless steel 1.5 mm (0.06") except side door	SUS304 stainless steel 1.2 mm(0.05")	SUS304 stainless steel 1.2mm(0.05") Stainless steel pipe 1.0mm(0.04")
Weight per Pedestal	With packaging: Left and right pedestal: 99 kg (218 lb) Middle pedestal: 115 kg (254 lb) Without packaging: Left and right pedestal: 74 kg (163 lb) Middle pedestal: 90 kg (198 lb)	With packaging: Left and right pedestal: 82 kg (181 lb) Middle pedestal: 94 kg (207 lb) Without packaging: Left and right pedestal: 51 kg (112 lb) Middle pedestal: 64 kg (141 lb)	With packaging: 200 kg (441 lb) Without packaging: 100 kg (221 lb)
Lane Width	600 mm (23.62")	600 mm (23.62")	600mm(23.62")
Dimension (L × W × H) per Pedestal	Without packaging: 300 mm × 1010 mm × 1406.8 mm (11.81" × 39.76" × 55.38") With packaging: 1642 mm × 517 mm × 1274 mm (64.65" × 20.35" × 50.16")	Without packaging: 1207 mm × 315 mm × 990mm (47.52" × 12.40" × 38.98") With packaging: 1360 mm × 440 mm × 1200 mm (53.54" × 17.32" × 47.24")	Without packaging: 1400mm x 1200mm x 2230mm (55.1" x 47.3" x 87.8") With packaging: 2135mm x 1435mm x 1115mm (84.1" x 56.5" x 43.9")
Working Humidity	0% to 95% (No condensing)	0% to 95% (No condensing)	10% to 90% (No Condensing)
Working Temperature	-25 °C to 70 °C (-13 °F to 158 °F)	-20 °C to 65 °C (-4 °F to 149 °F)	-15 °C- 55 °C(5 °F - 131 °F)
Application environment	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor

Model	K3H4420 Series	K3H4411 Series	K3H4421 Series
Image	 Full Height Turnstile	 Full Height Turnstile	 Full Height Turnstile
Power supply	100 to 240 VAC; 50 to 60 Hz	100 to 240 VAC; 50 to 60 Hz	100 to 240 VAC; 50 to 60 Hz
Built in Access Controller	N	N	N
Communication Interface	I/O x 2	I/O x 2	I/O x 2
IR Light Detectors	N	N	N
Throughput	More than 30 persons per minute The actual throughput is affected by the person passing rate and passing method	More than 30 persons per minute The actual throughput is affected by the person passing rate and passing method	More than 30 persons per minute The actual throughput is affected by the person passing rate and passing method
Capacity	N	N	N
MCBF	>2 million times	>3 million times	>3 million times
Barrier/Wings Material	Stainless steel pipe	Stainless steel pipe	Stainless steel pipe
Pedestal Material	SUS304 stainless steel 1.2mm(0.05") Stainless steel pipe 1.0mm(0.04")	SUS304 stainless steel 1.5mm(0.06") Stainless steel pipe 1.2mm(0.05")	SUS304 stainless steel 1.5mm(0.06") Stainless steel pipe 1.2mm(0.05")
Weight per Pedestal	With packaging:400 kg (882 lb) Without packaging:200 kg (411 lb)	With packaging:320 kg (705 lb) Without packaging:220 kg (485 lb)	With packaging:470 kg (1036 lb) Without packaging:220 kg (485 lb)
Lane Width	600mm	650mm(25.59")	650mm(25.59")
Dimension (L × W × H) per Pedestal	Without packaging:2100mm x 1270mm x 2230mm (82.7" x 50" x 87.8") With packaging:2195mm x 1395mm x 1080mm (86.4" x 55" x 42.5")195mm x 1395mm x 1080mm (7.7" x 54.7" x 42.5")	Without packaging:1630mm x 1580mm x 2300mm (64.2" x 62.2" x 90.6") With packaging:2100mm x 1290mm x 1240mm (82.7" x 50.8" x 48.9")	Without packaging:1630mm x 1580mm x 2300mm (64.2" x 62.2" x 90.6") With packaging:2100mm x 1290mm x 1240mm (82.7" x 50.8" x 48.9")
Working Humidity	10% to 90% (No Condensing)	10% to 90% (No Condensing)	10% to 90% (No Condensing)
Working Temperature	-15 °C ~ 55 °C(5°F ~ 131°F)	-15 °C ~ 55 °C(5°F ~ 131°F)	-15 °C ~ 55 °C(5°F ~ 131°F)
Application environment	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor

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

Access Control

Management Software for Access Control



HikCentral Professional

Versatile security in one platform

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



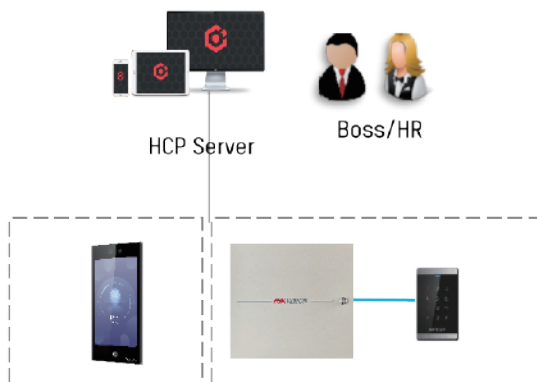
HikCentral Access Control

Professional Access Control Made Simple

HikCentral Access Control is a lightweight software for professional access control and time/attendance management. Featuring compatibility with virtually all Hikvision access control and video intercom devices, HikCentral Access Control makes daily access control and attendance management much simpler and more efficient.



On-premise Solution



HC AC/HCP

-  Local network deployment
-  Professional access control
-  Max 4 doors, 50 persons for free

Cloud-based Attendance Solution



Cloud attendance

-  Cloud deployment
-  Basic access control
-  Mobile attendance
-  10 persons for free

Compare Different Software for Access Control Products

	HikCentral Access Control	HikCentral Professional
Structure	web-based/APP	BS/CS (server based)
Person	50,000	50,000
Door Number	1,024	1,024
Access Control	Support	Support
Time Attendance	Support	Support
Video Intercom	Support	Support
Elevator Control	N/A	Support
Intrusion Alarm	N/A	Support
Visitor Management	N/A	Support
CCTV	N/A	Support
App	Support	Support

SECURITY ALARM

081 Intrusion Alarm

105 Emergency Alarm

110 Security Radar



Security Alarm

Intrusion Alarm

Simplicity through Innovation

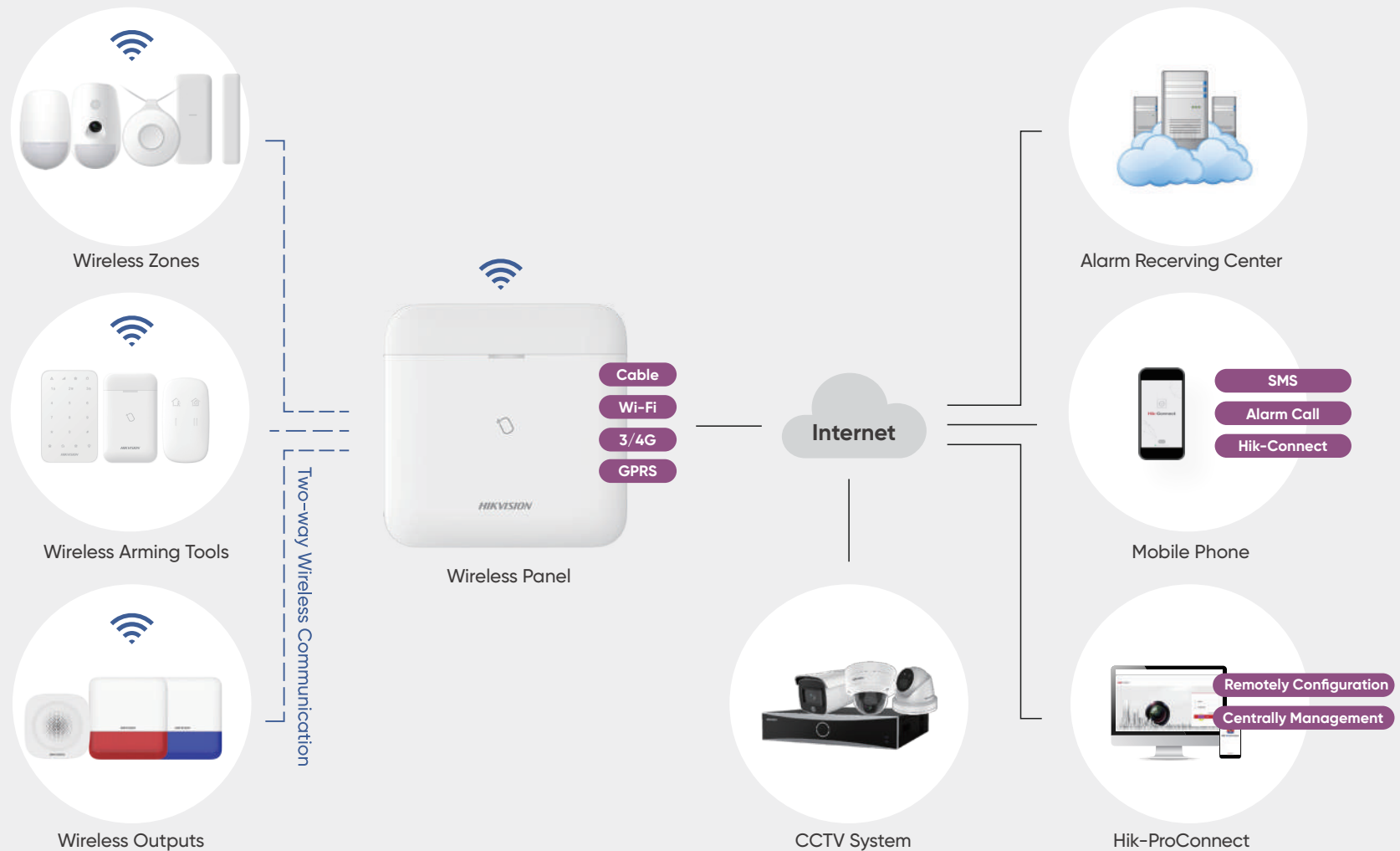
Hikvision Alarm offers intruder alarm solutions which combine a deep customer understanding with worldleading technologies. Hikvision provides top-tier intruder products suitable for a range of market segments and vertical applications. These include applications from residential and SOHO (small office/home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

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



System Topology

Except locally control the system by using keyfob, keypad, tag reader etc, users can also manage and configure the alarm system remotely via mobile app or software platform.



AX PRO Kit



·HOT

AX PRO Kit

DS-PWA64-Kit-WE (868 MHz)

DS-PWA64-L-WE * 1 (AX PRO Hub, L Model)

DS-PKF1-WE * 1 (Keyfob)

DS-PDP15P-EG2-WE * 1 (PIR Detector)

DS-PDMC-EG2-WE * 1 (Magnetic Contact)



·HOT

AX PRO Kit

DS-PWA64-Kit-WB (433 MHz)

DS-PWA64-L-WB * 1 (AX PRO Hub, L Model)

DS-PKF1-WB * 1 (Keyfob)

DS-PDP15P-EG2-WB * 1 (PIR Detector)

DS-PDMC-EG2-WB * 1 (Magnetic Contact)



·HOT

AX PRO Kit

DS-PWA96-Kit-WE (868MHz)

DS-PWA96-M-WE * 1 (AX PRO Hub, M Model)

DS-PKF1-WE * 1 (Keyfob)

DS-PDP15P-EG2-WE * 1 (PIR Detector)

DS-PDMC-EG2-WE * 1 (Magnetic Contact)



·HOT

AX PRO Kit

DS-PWA96-Kit-WB (433MHz)

DS-PWA96-M-WB * 1 (AX PRO Hub, M Model)

DS-PKF1-WB * 1 (Keyfob)

DS-PDP15P-EG2-WB * 1 (PIR Detector)

DS-PDMC-EG2-WB * 1 (Magnetic Contact)

Second Generation Wireless Control Panel

Model	DS-PWA64-L-WE	DS-PWA64-L-WB	DS-PWA96-M-WB	DS-PWA96-M-WE
Image	 LAN + Wi-Fi + GPRS	 LAN + Wi-Fi + GPRS	 LAN + Wi-Fi + 3/4G + Tag Reader	 LAN + Wi-Fi + 3/4G + Tag Reader
Color	White	White	White	White
Frequency	868MHz	433MHz	433MHz	868MHz
Transmission Distance	2000 m (Open area)	2000 m (Open area)	2000 m (Open area)	2000 m (Open area)
Wireless Tag Reader & Keypad	8	8	8	8
Wired Input	\	\	\	\
Wired Outputs	\	\	\	\
PowerOutputs	\	\	\	\
Wireless Input/Output	64	64	96	96
PIRCAM	48	48	48	48
Wireless Keyfob	32	32	48	48
Wireless Sounder	4	4	6	6
GPRS on Board	Yes	Yes	No	No
3/4G on Board	No	No	Yes	Yes
SIM Slot	Single	Single	Dual	Dual
SMS Notification	Yes	Yes	Yes	Yes
Alarm Voice Call	Yes	Yes	Yes	Yes
ARC Protocol	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID
Remote Programming Software	Covengense cloud/Hik-central/ Hik-ProConnect	Covengense cloud/Hik-central/ Hik-ProConnect	Covengense cloud/Hik-central/ Hik-ProConnect	Covengense cloud/Hik-central/ Hik-ProConnect
Voice Prompt	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker
Tamper Switch	Support	Support	Support	Support
Power Supply	Built in power supply	Built in power supply	Built in power supply	Built in power supply
Backup Battery	Lithium battery	Lithium battery	Lithium battery	Lithium battery

Second Generation Wireless Control Panel

Model	DS-PWA96-M2-WE	DS-PWA96-M2-WB	DS-PWA96-M2H-WE	DS-PWA96-M2H-WB
Image	 LAN + Wi-Fi + 3/4G	 LAN + Wi-Fi + 3/4G	 LAN + Wi-Fi + 3/4G	 LAN + Wi-Fi + 3/4G
Color	White	White	White	White
Frequency	868MHz	433MHz	868MHz	433MHz
Transmission Distance	2000 m (Open area)	2000 m (Open area)	2000 m (Open area)	2000 m (Open area)
Wireless Tag Reader & Keypad	8	8	8	8
Wired Input	\	\	16	16
Wired Outputs	\	\	2	2
PowerOutputs	\	\	2(12v,total 1A)	2(12v,total 1A)
Wireless Input/ Output	96	96	96	96
PIRCAM	48	48	48	48
Wireless Keyfob	48	48	48	48
Wireless Sounder	6	6	6	6
GPRS on Board	No	No	No	No
3/4G on Board	Yes	Yes	Yes	Yes
SIM Slot	Dual	Dual	Dual	Dual
SMS Notification	Yes	Yes	Yes	Yes
Alarm Voice Call	Yes	Yes	Yes	Yes
ARC Protocol	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID
Remote Programming Software	Covengense cloud/Hik-central/ Hik-ProConnect	Covengense cloud/Hik-central/ Hik-ProConnect	Covengense cloud/Hik-central/ Hik-ProConnect	Covengense cloud/Hik-central/ Hik-ProConnect
Voice Prompt	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker
Tamper Switch	Support	Support	Support	Support
Power Supply	Built in power supply	Built in power supply	Built in power supply	Built in power supply
Backup Battery	12v 7Ah Storage battery	12v 7Ah Storage battery	12v 7Ah Storage battery	12v 7Ah Storage battery

First Generation Wireless Control Panel

Model	DS-PWA32-H	DS-PWA32-HGR	DS-PWA32-HSR
Image	 LAN + Wi-Fi	 LAN + Wi-Fi + GPRS Support RF Card	 LAN + Wi-Fi + 3/4G Support RF Card
Color	White	White	White
Frequency	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)
Ethernet	RJ45 10 M / 100 M adaptable Ethernet interface	RJ45 10 M / 100 M adaptable Ethernet interface	RJ45 10 M / 100 M adaptable Ethernet interface
GPRS (SMS&Call)	-	Support	-
3G/4G (SMS&Call)	-	-	Support
Keypad	4	4	4
LCD Screen	-	-	-
Tag Reader	4	4	4
Wireless Input	32	32	32
Wireless Keyfob	8	8	8
Wireless Output Expander	4	4	4
Wireless Siren	2	2	2
Voice Prompt	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker
Tamper Switch	Support	Support	Support
Power Interface	5 VDC	5 VDC	5 VDC
Backup Battery	Lithium battery (4600mAh)	Lithium battery (4600mAh)	Lithium battery (4600mAh)
Power Consumption	<10 W	<10 W	<10 W

Second Generation Wireless Detector

Model	DS-PDPC12P-E62-WE	DS-PDPC12PF-E62-WE	DS-PDPC12P-E62-WB	DS-PDPC12PF-E62-WB
Image				
Detection Method	Passive Infrared;Video Verification	Passive Infrared;Video Verification	Passive Infrared;Video Verification	Passive Infrared;Video Verification
Detection Range	12 m	12 m	12 m	12 m
Detection Angle	85.9°	85.9°	85.9°	85.9°
Detection Zones	52	52	52	52
Detectable Speed	0.3-2 m/s	0.3-2 m/s	0.3-2 m/s	0.3-2 m/s
Sensitivity	High; Auto; Pet	High; Auto; Pet	High; Auto; Pet	High; Auto; Pet
Pet Immunity	30 kg	30 kg	30 kg	30 kg
White Light Filter	6500 lux	6500 lux	6500 lux	6500 lux
Digital Temperature Compensation	Support	Support	Support	Support
Creep Zone Protection	Support	Support	Support	Support
Digital Processing	Support	Support	Support	Support
Sealed Optics	Support	Support	Support	Support
Tamper Protection	Front; Rear	Front; Rear	Front; Rear	Front; Rear
Environment Temperature Indicator	Support	Support	Support	Support
Signal Strength Indicator	Support	Support	Support	Support
Field Angle	88°(H), 68°(V)	88°(H), 68°(V)	88°(H), 68°(V)	88°(H), 68°(V)
Image Type	JPEG	JPEG	JPEG	JPEG
Resolution	160 × 120; 320 × 240; 640 × 480	160 × 120; 320 × 240; 640 × 480	160 × 120; 320 × 240; 640 × 480	160 × 120; 320 × 240; 640 × 480
Fill Light	Infrared Light	White Light	Infrared Light	White Light
Fill Range	12 m	12 m	12 m	12 m
Day/Night Switch	Color/Black & White	Color	Color/Black & White	Color
Power Switch	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)
Transmission Technology	CAM-X Wireless	CAM-X Wireless	CAM-X Wireless	CAM-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	868 MHz	433 MHz	433 MHz
Transmission Security	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
Transmission Range(Free Space)	800 m	800 m	800 m	800 m
Enrolling Method	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code
Standard Battery Life	6 years in work status (being triggered every week and completely uploading captures twice)	6 years in work status (being triggered every week and completely uploading captures twice)	6 years in work status (being triggered every week and completely uploading captures twice)	6 years in work status (being triggered every week and completely uploading captures twice)
Power Supply	Battery Powered	Battery Powered	Battery Powered	Battery Powered
Battery Type	CR123A × 3(Included)	CR123A × 3(Included)	CR123A × 3(Included)	CR123A × 3(Included)
Typical Voltage	3 V	3 V	3 V	3 V
Operation 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)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimension (W x H x D)	72.2 × 120.5 × 56.7 mm	72.2 × 120.5 × 56.7 mm	72.2 × 120.5 × 56.7 mm	72.2 × 120.5 × 56.7 mm
Weight	210 g	220 g	210 g	220 g

Model	DS-PDP612P-E62-WE	DS-PDP612P-E62-WB
Image		
Detection Method	Passive Infrared;Acoustic Sensor	Passive Infrared;Acoustic Sensor
Detection Range	12 m	12 m
Detection Angle	85.9°	85.9°
Detection Zones	52	52
Detectable Speed	0.3-2 m/s	0.3-2 m/s
Pet Immunity	30 kg	30 kg
White Light Filter	6500 lux	6500 lux
PIR Sensitivity	Auto; High; Pet	Auto; High; Pet
Glass Break Range	8 m	8 m
Glass Type	Float;Plate;Tempered;Wired;Laminated Leaded;Double Glazing	Float;Plate;Tempered;Wired;Laminated Leaded;Double Glazing
Glass Break Sensitivity	2 m, 4 m, 6 m, 8 m	2.4 mm to 6.4 mm
Glass Thickness	2.4 mm to 6.4 mm	2 m, 4 m, 6 m, 8 m
Glass Size	0.3 m x 0.3 m to 3 m x 3 m	0.3 m x 0.3 m to 3 m x 3 m
Digital Temperature Compensation	Support	Support
Creep Zone Protection	Support	Support
Digital Processing	Support	Support
Sealed Optics	Support	Support
Tamper Protection	Front; Rear	Front; Rear
Environment Temperature Indicator	Support	Support
Signal Strength Indicator	Support	Support
Power Switch	Power Up Enrolling	Power Up Enrolling
LED Indicator	Green(PIR),Red(BG),Blue (Alarm)	Green(PIR),Red(BG),Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.6 km	1 km
Frequency Hopping	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code
Standard Battery Life	4 years in work status (being triggered 20 times per day)	4 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered
Battery Type	CR123A × 2(Included)	CR123A × 2(Included)
Typical Voltage	3 V	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10% to 90%	10% to 90%
Dimension (W x H x D)	65.5 × 103 × 48.5 mm	65.5 × 103 × 48.5 mm

Second Generation Wireless Detector

Model	DS-PDP15P-E62-WE	DS-PDP15P-E62-WB	DS-PDC15-E62-WE	DS-PDC15-E62-WB	DS-PDD12P-E62-WE	DS-PDD12P-E62-WB	DS-PDCL12-E62-WE	DS-PDCL12-E62-WB
Image								
Detection Method	Passive Infrared	Passive Infrared	Passive Infrared	Passive Infrared	Passive Infrared;Microwave	Passive Infrared;Microwave	Passive Infrared	Passive Infrared
Detection Range	15m	15m	15m	15m	12m	12m	12m	12m
Detection Angle	85.9°	85.9°	6.3°	6.3°	85.9°	85.9°	360°	360°
Detection Zones	52	52	18	18	52	52	172	172
Detectable Speed	0.3 ~ 2m/s	0.3 ~ 2m/s	0.3 ~ 2m/s	0.3 ~ 2m/s	0.3 ~ 2m/s	0.3 ~ 2m/s	0.3 ~ 2 m/s	0.3 ~ 2 m/s
Sensitivity	High; Auto; Pet	High; Auto; Pet	/	/	High; Auto; Pet	High; Auto; Pet	Auto, Low	Auto, Low
Pet Immunity	30Kg	30Kg	None	None	30Kg	30Kg	/	/
White Light Filter	6500lux	6500lux	6500lux	6500lux	6500lux	6500lux	6500lux	6500lux
Microwave Frequency	/	/	/	/	24GHz[24.15 ~ 24.25GHz]	24GHz[24.15 ~ 24.25GHz]	/	/
Digital Temperature Compensation	Support	Support	Support	Support	Support	Support	Support	Support
Creep Zone Protection	Support	Support	Support	Support	Support	Support	Support	Support
Digital Processing	Support	Support	Support	Support	Support	Support	Support	Support
Sealed Optics	Support	Support	Support	Support	Support	Support	Support	Support
Tamper Protection	Front; Rear	Front; Rear	Front; Rear	Front; Rear	Front; Rear	Front; Rear	Front; Rear	Front; Rear
Environment Temperature Indicator	Support	Support	Support	Support	Support	Support	Support	Support
Signal Strength Indicator	Support	Support	Support	Support	Support	Support	Support	Support
Power Switch	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue(Alarm)	Blue(Alarm)	Blue(Alarm)	Blue(Alarm)	Green(PIR) Red(Microwave) Blue(Alarm)	Green(PIR) Red(Microwave) Blue(Alarm)	Blue(Alarm)	Blue(Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868MHz	433MHz	868MHz	433MHz	868MHz	433MHz	868MHz	433MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 encryption	AES-128 encryption
Transmission Range(Free Space)	1.6Km	1.2Km	1.6Km	1.2Km	1.6Km	1.2Km	1.6Km	1Km
Frequency Hopping	Support	Support	Support	Support	Support	Support	Support	Support
Enrolling Method	Power up;Remote ID;QR Code	Power up;Remote ID;QR Code	Power up;Remote ID;QR Code	Power up;Remote ID;QR Code	Power up;Remote ID;QR Code	Power up;Remote ID;QR Code	Power up, Remote ID, QR code	Power up, Remote ID, QR code
Standard Battery Life	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)
Battery Type	CR123A × 1	CR123A × 1	CR123A × 1	CR123A × 1	CR123A × 2	CR123A × 2	CR123A x 1	CR123A x 1
Mounting Method	Wall	Wall	Wall	Wall	Wall	Wall	Ceiling	Ceiling
Application Scenario	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Bracket	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory	N/A	N/A
IP Rate	\	\	\	\	\	\	\	\
Image Type	\	\	\	\	\	\	\	\
Resolution	\	\	\	\	\	\	\	\

Second Generation Wireless Detector

Model	DS-PDC10AM-E62-WE	DS-PDC10AM-E62-WB	DS-PDC10DM-E62-WE	DS-PDC10DM-E62-WB	DS-PD115AM-LM-WE	DS-PD115AM-LM-WB	DS-PDCM15PF-IR
Image							
Detection Method	Passive Infrared	Passive Infrared	Passive Infrared;Microwave	Passive Infrared;Microwave	Passive Infrared;Microwave	Passive Infrared;Microwave	Video Verification
Detection Range	Wall Mount: 10m Ceiling Mount: 5m	Wall Mount: 10m Ceiling Mount: 5m	Wall Mount: 10m Ceiling Mount: 5m	Wall Mount: 10m Ceiling Mount: 5m	15m	15m	15m
Detection Angle	5°	5°	5°	5°	90° @ 180° adjustable	90° @ 180° adjustable	137.2°(H), 80.1°(V)
Detection Zones	32	32	32	32	92	92	\
Detectable Speed	0.3 ~ 2 m/s	0.3 ~ 2 m/s	0.3 ~ 2 m/s	0.3 ~ 2 m/s	0.3 ~ 2 m/s	0.3 ~ 2 m/s	\
Sensitivity	Auto,Pet	Auto,Pet	Auto,Pet	Auto,Pet	Auto,Low	Auto,Low	\
Pet Immunity	Wall Mount: 12Kg Ceiling Mount: None	Wall Mount: 12Kg Ceiling Mount: None	Wall Mount: 12Kg Ceiling Mount: None	Wall Mount: 12Kg Ceiling Mount: None	40Kg	40Kg	\
White Light Filter	6500lux	6500lux	6500lux	6500lux	10000lux	10000lux	\
Anti-masking	Support	Support	Support	Support	Support	Support	\
Microwave Frequency	/	/	24GHz(24.15 ~ 24.25GHz)	24GHz(24.15 ~ 24.25GHz)	24GHz(24.15 ~ 24.25GHz)	24GHz(24.15 ~ 24.25GHz)	\
Digital Temperature Compensation	Support	Support	Support	Support	Support	Support	\
Creep Zone Protection	Support	Support	Support	Support	Support	Support	\
Digital Processing	Support	Support	Support	Support	Support	Support	\
Sealed Optics	Support	Support	Support	Support	Support	Support	\
Tamper Protection	Front; Rear	Front; Rear	Front; Rear	Front; Rear	Front; Rear	Front; Rear	\
Environment Temperature Indicator	Support	Support	Support	Support	Support	Support	\
Signal Strength Indicator	Support	Support	Support	Support	Support	Support	\
Power Switch	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue(Alarm), Green+Orange(Mask)	Blue(Alarm), Green+Orange(Mask)	Blue(Alarm), Green+Orange(Mask)	Blue(Alarm), Green+Orange(Mask)	Green(Top PIR), Red(Microwave), Orange(Bottom PIR), Green+Orange(Mask), Blue(Alarm)	Green(Top PIR), Red(Microwave), Orange(Bottom PIR), Green+Orange(Mask), Blue(Alarm)	Infrared Light
Transmission Technology	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	CAM-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868MHz	433MHz	868MHz	433MHz	868MHz	433MHz	\
Transmission Security	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
Transmission Range(Free Space)	1.6Km	1Km	1.6Km	1Km	1.6Km	1Km	\
Frequency Hopping	Support	Support	Support	Support	Support	Support	\
Enrolling Method	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code	\
Standard Battery Life	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (Standalone: being triggered 20 times per day) (With camera integrat	5 years in work status (Standalone: being triggered 20 times per day) (With camera integrat	\
Battery Type	CR123A x 2	CR123A x 2	CR123A x 2	CR123A x 2	CR123A x 5	CR123A x 5	\
Mounting Method	wall,Ceiling	wall,Ceiling	wall,Ceiling	wall,Ceiling	wall	wall	wall
Application Scenario	Indoor,outdoor	Indoor,outdoor	Indoor,outdoor	Indoor,outdoor	outdoor	outdoor	outdoor
Bracket	L-shaped adapter included	L-shaped adapter included	L-shaped adapter included	L-shaped adapter included"	\	\	\
IP Rate	IP65	IP65	IP65	IP65	IP65	IP65	IP66
Image Type	\	\	\	\	\	\	JPEG
Resolusion	\	\	\	\	\	\	640*480;320*240;160*120

First Generation Wireless Detector

Model	DS-PD2-P25-W	DS-PD2-P15C-W	DS-PD2-P10P-W	DS-PD2-D12-W	DS-PD2-D10P-W
Image					
Detection Range	25 m	15 m	10 m	12 m	10 m
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
Detection Angle	8°	10 °	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	1.8-3	1.8-2.4	1.8-2.4	1.8-2.4
Animal Immunity (kg)	-	-	Up to 24	-	Up to 24
Blue Wave Technology	Support	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
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
Transmission Distance	800 m (open space)	800 m (open space)	800 m (open space)	800 m (open space)	800 m (open space)
3 V Lithium Battery Included	1 x CR123A (Included)	1 x CR123A (Included)	1 x CR123A (Included)	2 x CR123A (Included)	2 x CR123A (Included)
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	 IP55, Anti-masking, Anti-blocking	 IP55, Anti-masking, Anti-blocking
Detection Range	10 m	12 m
Detection Angle	85°	90 °
Mounting Height (m)	1.8-2.4	1-1.5
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)	6500	6500
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
Transmission Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz
Transmission Distance	800 m (Open space)	800 m (Open space)
Battery type	2 x 3 V Lithium battery (included)	2 x 3 V Lithium battery (included)

Second Generation Wireless Detector

Model	DS-PDEBP1-E62-WE	DS-PDEBP1-E62-WB	DS-PDEB1-E62-WE	DS-PDEB1-E62-WB
Image				
Button	1	1	1	1
Tamper-Proof	/	/	Front; Rear	Front; Rear
Environment Temperature Indicator	/	/	Support	Support
Signal strength indication	Support	Support	Support	Support
Indicator	Flashing LED for Alarm(Red or Green)	Flashing LED for Alarm(Red or Green)	Blue (Alarm)	Blue (Alarm)
Wireless Technology	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
RF Frequency	868 MHz	433 MHz	868 MHz	433 MHz
Transmission Range(Free Space)	1 km	800 m	1.2 km	800 m
Wireless Security	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
Enrolling Methods	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency Hooping	Support	Support	Support	Support
Battery type	CR2032 x 1(Included)	CR2032 x 1(Included)	CR2450 x 1(Included)	CR2450 x 1(Included)
Battery life span	3 years in work status (being triggered 20 times per day).	3 years in work status (being triggered 20 times per day).	3 years in work status (being triggered 20 times per day)	3 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered	Battery Powered	Battery Powered
Typical Voltage	3 V	3 V	3 V	3 V
Dimension (WxHxD)	φ38 × 12 mm	φ38 × 12 mm	63.8 mm × 63.8 mm × 17.9 mm	63.8 mm × 63.8 mm × 17.9 mm
Weight	13.5 g	13.5 g	45.5 g	45.5 g
Operation 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)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
IP Rate	IP54	IP54	/	/
Mounting Method	Portable	Portable	Wall	Wall

Model	DS-PDSMK-S-WE	DS-PDSMK-S-WB
Image		
Detection Method	Chamber With Photoelectric Sensor	Chamber With Photoelectric Sensor
Environment Temperature Indicator	Support	Support
Signal Strength Indicator	Support	Support
Power Switch	Power Up Enrolling	Power Up Enrolling
LED Indicator	Red (Alarm)	Red (Alarm)
Buzzer	≥ 85dB @ 3 m	≥ 85dB @ 3 m
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868MHz	433MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	800m	800m
Enrolling Method	Power up;Remote ID;QR Code	Power up;Remote ID;QR Code
Typical Voltage	3V	3V
Operation Temperature	-10 °C to 60 °C (14 °F to 140°F)	-10 °C to 60 °C (14 °F to 140°F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10% to 90%	10% to 90%
Dimension(WxHxD)	φ102 × 35mm	φ102 × 35mm
Weight	125g	125g
Mounting Method	Ceiling	Ceiling
Application Scenario	Indoor	Indoor

Model	DS-PDWL-E-WE	DS-PDWL-E-WB
Image		
Detection Method	Water Leak Detection	Water Leak Detection
Digital Processing	Support	Support
Tamper Protection	Front; Rear	Front; Rear
Environment Temperature Indicator	Support	Support
Signal Strength Indicator	Support	Support
LED Indicator	Blue (Alarm)	Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.2 km	1 km
Frequency Hopping	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code
Typical Voltage	3 V	3 V
Power Supply	Battery Powered	Battery Powered
Battery Type	CR2450 x 1(Included)	CR2450 x 1(Included)
Standard Battery Life	3 years in work status (being triggered 20 times per day)	3 years in work status (being triggered 20 times per day)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10% to 90%	10% to 90%
IP Rate	IP66	IP66
Dimension (W x H x D)	62.4 mm × 62.4 mm × 14.6 mm	62.4 mm × 62.4 mm × 14.6 mm
Weight	85.5 g	85.5 g
Mounting Method	Wall; Surface	Wall; Surface
Application Scenario	Indoor	Indoor

First Generation Wireless Detector

Model	DS-PD1-EB-WR
Image	 Wireless Panic Button
LED indicators	Red (alarm)
LED alarm confirmation	Flashing LED
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F) -10 °C to 40 °C (14 °F to 104 °F) Certified
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operating humidity	10% to 90%
Dimension (W x H x D)	63.8 mm × 63.8 mm × 17.9 mm
Weight	45.5 g
Button colour	Red or green keymat
2-way wireless communication	Yes
Transmission frequency	433 MHz
Transmission encryption	AES-128 encryption
Battery	CR2450 x 1 (included)
Standard battery life	2 years

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

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

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

Model	DS-PD1-EB-WS2
Image	
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 x 30 x 20
Transmission Frequency	433 MHz, FM transceiver
Transmission Distance	300m (Open area)
Battery Type	CR1/3N, 3 V

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

Second Generation Wireless Detector

Model	DS-PDMCS-E62-WE	DS-PDMCS-E62-WB	DS-PDMC-E62-WE	DS-PDMC-E62-WB	DS-PDMCX-E-WE	DS-PDMCX-E-WB
Image						
Detection Method	Opening Contact	Opening Contact	Opening Contact	Opening Contact	Opening Contact	Opening Contact
Detection Gap	52mm Max	52mm Max	43mm Max	43mm Max	76mm Max	76mm Max
Digital Processing	Support	Support	Support	Support	Support	Support
Tamper Protection	Front; Rear	Front; Rear	Front; Rear	Front; Rear	Front; Rear	Front; Rear
Environment Temperature Indicator	Support	Support	Support	Support	Support	Support
Signal Strength Indicator	Support	Support	Support	Support	Support	Support
Alarm Input	/	/	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count
Power Switch	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz	868 MHz	433 MHz	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.2 km	1 km	1.6 km	1.2 km	1.6 km	1 km
Frequency Hopping	Support	Support	Support	Support	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code
Standard Battery Life	3 years in work status (being triggered 20 times per day)	3 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered	Battery Powered	Battery Powered	Battery Powered	Battery Powered
Battery Type	CR2450 x 1 (Included)	CR2450 x 1 (Included)	CR123A x 1 (Included)	CR123A x 1 (Included)	CR123A x 1 (Included)	CR123A x 1 (Included)
Typical Voltage	3 V	3 V	3 V	3 V	3 V	3 V
Operation 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)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 149 °F)	-30 °C to 60 °C (-22 °F to 149 °F)
Operation Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimension (W x H x D)	29 × 69 × 10 mm 14 × 69 × 10 mm	29 × 69 × 10 mm 14 × 69 × 10 mm	22.5 × 103 × 23.2 mm 13 × 34.4 × 11.4 mm	22.5 × 103 × 23.2 mm 13 × 34.4 × 11.4 mm	40.5 × 146 × 40.9 mm 30.5 × 146 × 40.9 mm	40.5 × 146 × 40.9 mm 30.5 × 146 × 40.9 mm
Weight	38 g	38 g	59 g	59 g	247 g	247 g
Application Scenario	Indoor	Indoor	Indoor	Indoor	Outdoor, IP66	Outdoor, IP66

Second Generation Wireless Detector

Model	DS-PDMCK-E62-WE	DS-PDMCK-E62-WB
		
Image		
Detection Method	Opening Contact;Shock Sensor	Opening Contact;Shock Sensor
Detection Gap	43mm Max	43mm Max
Sensitivity	Shock Detection: High,Normal,Low Tilt Detection: Up to 25°	Shock Detection: High,Normal,Low Tilt Detection: Up to 25°
Digital Processing	Support	Support
Tamper Protection	Front; Rear	Front; Rear
Environment	Support	Support
Temperature Indicator	Support	Support
Signal Strength Indicator	Support	Support
Alarm Input	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count
Power Switch	Power Up Enrolling	Power Up Enrolling
LED Indicator	Green(MC),Orange(tilt),Red(shock),Blue (Alarm)	Green(MC),Orange(tilt),Red(shock),Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.6 km	1 km
Frequency Hopping	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code
Standard Battery Life	3 years in work status (being triggered 20 times per day)	3 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered
Battery Type	CR123A x 1 (Included)	CR123A x 1 (Included)
Typical Voltage	3 V	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10% to 90%	10% to 90%
Dimension (W x H x D)	22.5 mm × 103 mm × 23.2 mm 13 mm × 34.4 mm × 11.4 mm	22.5 mm × 103 mm × 23.2 mm 13 mm × 34.4 mm × 11.4 mm
Weight	60 g	60 g
Application Scenario	Indoor	Indoor

Model	DS-PDB68-E62-WE	DS-PDB68-E62-WB
		
Image		
Detection Method	Acoustic Sensor	Acoustic Sensor
Detection Range	8m	8m
Detection Angle	120°	120°
Sensitivity	2m;4m;6m;8m	2m;4m;6m;8m
Glass Type	Float;Plate;Tampere d;Wired;Laminated Leaded;Double Glazing	Float;Plate;Tampere d;Wired;Laminated Leaded;Double Glazing
Glass Thickness	2.4mm to 6.4mm	2.4mm to 6.4mm
Glass Size	0.3m x 0.3m to 3m x 3m	0.3m x 0.3m to 3m x 3m
Digital Processing	Support	Support
Tamper Protection	Front; Rear	Front; Rear
Environment	Support	Support
Temperature Indicator	Support	Support
Signal Strength Indicator	Support	Support
Alarm Input	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count
Power Switch	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue (Alarm)	Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.6 km	1 km
Frequency Hopping	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code
Power Supply	Battery Powered	Battery Powered
Battery Type	CR123A x 2 (Included)	CR123A x 2 (Included)
Typical Voltage	3 V	3 V
Standard Battery Life	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10% to 90%	10% to 90%
Dimension (W x H x D)	38.8 mm × 107.0 mm × 24.5 mm	38.8 mm × 107.0 mm × 24.5 mm
Weight	83 g	83 g
Mounting Method	Wall; Ceiling	Wall; Ceiling
Application Scenario	Indoor	Indoor

Model	DS-PDTPH-E-WE	DS-PDTPH-E-WB
		
Image		
Detection Method	Temperature Sensor	Temperature Sensor
Detection range	-10 °C to 55 °C (standalone) -35 °C to 99 °C (with probe)	-10 °C to 55 °C (standalone) -35 °C to 99 °C (with probe)
Digital Processing	Support	Support
Tamper protection	Front; Rear	Front; Rear
Environment	Support	Support
Temperature Indicator	Support	Support
Signal Strength Indicator	Support	Support
LED Indicator	On Screen Display	On Screen Display
Transmission Technology	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission frequency	868 MHz	433 MHz
Transmission encryption	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.2 km	800 m
Frequency hopping	Support	Support
Enrolling Method	Power up,Remote ID,QR Code	Power up,Remote ID,QR Code
Power Supply	Battery Powered	Battery Powered
Battery Type	AAA x 2 (Included)	AAA x 2 (Included)
Typical Voltage	3 V	3 V
Standard Battery Life	2 years in work status (being triggered 20 times per day)	2 years in work status (being triggered 20 times per day)
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operating humidity	10% to 90%	10% to 90%
Dimension (W x H x D)	62.6 mm × 62.6 mm × 18 mm	62.6 mm × 62.6 mm × 18 mm
Weight	73.5 g	73.5 g
Mounting Method	Wall	Wall
Application Scenario	Indoor	Indoor

Second Generation Wireless Peripherals

Model	DS-PM1-I1-WE	DS-PM1-I1-WB	DS-PM1-I1602-WE	DS-PM1-I1602-WB
Image	 NEW	 NEW	 NEW	 NEW
Serial port	1	1	1	1
Power switch	1	1	1	1
Alarm input	1 Alarm, 1 Tamper	1 Alarm, 1 Tamper	16	16
Alarm output	1 PGM, AM/Output	1 PGM, AM/Output	2	2
Power Output	1, 3.3V up to 10mA	1, 3.3V up to 10mA	2 (12v, total1A)	2 (12v, total1A)
Power supply	3 CR123	3 CR123	100-240VAC, 30w	100-240VAC, 30w
Operation humidity	10%-90%	10%-90%	10%-90%	10%-90%
Operation temperature	-10°C - 55°C	-10°C - 55°C	-10°C - 55°C	-10°C - 55°C
Power consumption	Quiescent current: 40.29 uA; Max current: 47.85mA; Voltage: 3 VDC	Quiescent current: 40.29 uA; Max current: 47.85mA; Voltage: 3 VDC	Battery Supply: Quiescent current (50mA), Max current (1500mA), Voltage (13.8V) 220V Supply: Quiescent current (45mA), Max current (300mA), Voltage (220V)	Battery Supply: Quiescent current (50mA), Max current (1500mA), Voltage (13.8V) 220V Supply: Quiescent current (45mA), Max current (300mA), Voltage (220V)
Battery life span	More than 5 years	More than 5 years	Up to 36 hours	Up to 36 hours
RF frequency	868MHz	433MHz	868MHz	433MHz
Indicator	3	3	3	3
Dimension(WxHxD)	102*41*20mm	102*41*20mm	261*199*86.4mm	261*199*86.4mm
Weight	35g(Without Battery), 90g(With Battery)	35g(Without Battery), 90g(With Battery)	975 g (without battery),3024g (with battery)	975 g (without battery),3024g (with battery)

Second Generation Wireless Peripherals

Model	DS-PK1-E-WE	DS-PK1-E-WB
Image	 NEW HOT LED indicates the programmed area	 NEW HOT LED indicates the programmed area
Colour	White	White
Installation	Wall mounting	Wall mounting
Function buttons	Stay and away arm, disarm, fire, medical, PA, output control, enter and cancel	Stay and away arm, disarm, fire, medical, PA, output control, enter and cancel
Numeric buttons	0-9	0-9
Area display backlight	Support	Support
LED indicators	Arm (blue), fault (amber), alarm (red), signal (green)	Arm (blue), fault (amber), alarm (red), signal (green)
Frame backlight	Yes	Yes
Buzzer	Entry, exit, alarm and warning tones	Entry, exit, alarm and warning tones
Tamper protection	Front and back	Front and back
Wireless technology	Tri-X Wireless Technology	Tri-X Wireless Technology
Two-way wireless communication	Yes	Yes
Transmission frequency	868 MHz	433 MHz
RF range	1.2 km (open space)	900 m (open space)
Transmission encryption	AES-128 encryption	AES-128 encryption
Enrolling methods	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency hopping	Multichannel transmission	Multichannel transmission
Signal strength indicators	Yes	Yes
Environment temperature indicator	Yes	Yes
Programming method	Advanced wireless link	Advanced wireless link
Battery	AA x 4 (included)	AA x 4 (included)
Standard battery life	3 years	3 years
Operating temperature	-10°C to +55°C	-10°C to +55°C
Dimension (W x H x D)	86 x 140 x 22 mm	86 x 140 x 22 mm

Model	DS-PT1-WE	DS-PT1-WB
Image	 NEW HOT	 NEW HOT
Colour	White	White
Installation	Wall mounting	Wall mounting
Individual area arming	Individual or group arming	Individual or group arming
Area display LEDs	Up to 4 areas	Up to 4 areas
LED indicators	Area status (blue x 4) alarm/fault (red/amber x 1)	Area status (blue x 4) alarm/fault (red/amber x 1)
Buzzer	Entry, exit, alarm and warning tones	Entry, exit, alarm and warning tones
Tamper protection	Front and back	Front and back
Wireless technology	Tri-X Wireless Technology	Tri-X Wireless Technology
Two-way wireless communication	Yes	Yes
Transmission frequency	868 MHz	433 MHz
RF range	1.2 km (open space)	900 m (open space)
Transmission encryption	AES-128 encryption	AES-128 encryption
Enrolling methods	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency hopping	Multichannel transmission	Multichannel transmission
Signal strength indicators	Yes	Yes
Environment temperature indicator	Yes	Yes
Programming method	Advanced wireless link	Advanced wireless link
Battery	AA x 4 (included)	AA x 4 (included)
Standard battery life	3 years	3 years
Dimension (W x H x D)	75 x 124 x 0.8 mm	75 x 124 x 0.8 mm
Operating temperature	-10°C to 55°C	-10°C to 55°C

Model	DS-PR1-WE	DS-PR1-WB
Image	 NEW HOT	 NEW HOT
Colour	White	White
Installation	Ceiling or wall mounting	Ceiling or wall mounting
Auto device enrolling	Yes	Yes
LED indicators	Signal (green/red), power (green) and fault (amber)	Signal (green/red), power (green) and fault (amber)
Buzzer	Entry, exit, alarm and warning tones	Entry, exit, alarm and warning tones
Tamper protection	Front and back	Front and back
Encapsulated PCB	Yes	Yes
Wireless technology	Tri-X Wireless Technology	Tri-X Wireless Technology
PIRCAM	Support	Support
Two-way wireless communication	Yes	Yes
Transmission frequency	868 MHz	433 MHz
RF range	1.6 km (open space)	800 m (open space)
Transmission encryption	AES-128 encryption	AES-128 encryption
Enrolling methods	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency hopping	Multichannel transmission	Multichannel transmission
Signal strength indicators	Yes	Yes
Environment temperature indicator	Yes	Yes
Power supply	100 - 240 VAC	100 - 240 VAC
Standard battery life	36 hours	36 hours
Operating temperature	-10°C to 55°C	-10°C to 55°C

Second Generation Wireless Peripherals

Model	DS-PS1-E-WE	DS-PS1-E-WB	DS-PS1-I-WE	DS-PS1-I-WE
Image				
Colour	Blue/Red/Amber	Blue/Red/Amber	White	White
Installation	Wall mounting	Wall mounting	Wall mounting	Wall mounting
Sounder Output	110 dB	110 dB	110 dB	110 dB
Piezo sounder	Yes	Yes	Yes	Yes
LED strobe	Yes	Yes	Blue or red	Blue or red
Tamper protection	Front and back	Front and back	Front and back	Front and back
Encapsulated PCB	Yes	Yes	Yes	Yes
Wireless technology	Tri-X Wireless Technology	Tri-X Wireless Technology	Tri-X Wireless Technology	Tri-X Wireless Technology
Two-way wireless communication	Yes	Yes	Yes	Yes
Transmission frequency	868 MHz	433 MHz	868 MHz	433 MHz
RF range	1.6 km (open space)	900 m (open space)	1.6 km (open space)	900 m (open space)
Transmission encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
Enrolling methods	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency hopping	Multichannel transmission	Multichannel transmission	Multichannel transmission	Multichannel transmission
Signal strength indicators	Yes	Yes	Yes	Yes
Environment temperature indicator	Yes	Yes	Yes	Yes
Programming method	Advanced wireless link	Advanced wireless link	Advanced wireless link	Advanced wireless link
Power input	12 VDC (independent from battery)	12 VDC (independent from battery)	—	—
Battery	CR123A x 4 (included)	CR123A x 4 (included)	CR123A x 4 (included)	CR123A x 4 (included)
Standard battery life	5 years	5 years	5 years	5 years
Dimension (W x H x D)	190 x 200 x 47.4 mm	190 x 200 x 47.4 mm	90 x 90 x 30 mm	90 x 90 x 30 mm
IP rating	IP65	IP65	—	—

Model	DS-PKF1-WE	DS-PKF1-WB
Image	 Tamper-proof	 Tamper-proof
Colour	White	White
Buttons	4	4
Functions	8	8
Keyfob Lock	Yes	Yes
Silent and Audible Panic	Yes	Yes
Status LED indicator	Arm, (blue), disarm (green) and fault (orange)	Arm, (blue), disarm (green) and fault (orange)
Transmission Technology	Tri-X Wireless Technology	Tri-X Wireless Technology
Two-way Wireless Communication	Yes	Yes
Transmission Frequency	868 MHz	433 MHz
RF Range	1.2 km (open space)	500 m (open space)
Transmission Encryption	AES-128 encryption	AES-128 encryption
Enrolling Methods	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency Hopping	Multichannel transmission	Multichannel transmission
Signal Strength Indicators	Yes	Yes
Battery	CR2032 x 1 (included)	CR2032 x 1 (included)
Standard Battery Life	3 years	3 years
Dimension (W x H x D)	35 x 63 x 11.6 mm	35 x 63 x 11.6 mm

Model	DS-PT-M1
Image	
Color	White
Operation temperature	-10°C to +50°C
Shell material	PVC, ABS
Dimension (W x H x D)	41 x 32 x 3.5 mm
Frequency	13.56MHz

Second Generation Wireless Peripherals

Model	DS-PM1-01H-WE	DS-PM1-01H-WB	DS-PM1-01L-WE	DS-PM1-01L-WB	DS-PSP1-WE	DS-PSP1-WB
Image						
Color	White	White	White	White	White	White
Learning Button	1, For register	1, For register	1, For register	1, For register	1, For register	1, For register
Relay output	1, NO/NC (AC 100-240v, Max 13A)	1, NO/NC (AC 100-240v, Max 13A)	1, NO/NC (0-36V DC, Max 5A)	1, NO/NC (0-36V DC, Max 5A)	—	—
RF method	Two way communication	Two way communication	Two way communication	Two way communication	Two way communication	Two way communication
RF Modulation	2 GFSK	2 GFSK	2 GFSK	2 GFSK	2 GFSK	2 GFSK
RF Frequency	868 MHz	433 MHz	868 MHz	433 MHz	868 MHz	433 MHz
RF Distance	1.6 km (open space)	800 m (open space)	1.6 km (open space)	800 m (open space)	1.6 km (open space)	800 m (open space)
Wireless Security	AES-128	AES-128	AES-128	AES-128	AES-128	AES-128
Power supply	AC 100V ~ 240V, 50/60 Hz	AC 100V ~ 240V, 50/60 Hz	DC 7V ~ 24V	DC 7V ~ 24V	AC 100V ~ 240V, 50/60 Hz, Max 10A	AC 100V ~ 240V, 50/60 Hz, Max 10A
LEDs Status	3, Register/Signal (Green/Red), Power (Green), Relay Status (Blue)	3, Register/Signal (Green/Red), Power (Green), Relay Status (Blue)	3, Register/Signal (Green/Red), Power (Green), Relay Status (Blue)	3, Register/Signal (Green/Red), Power (Green), Relay Status (Blue)	1 (Green/Red)	1 (Green/Red)
Operation temperature	-10°C to +55°C	-10°C to +55°C	-10°C to +55°C	-10°C to +55°C	-10°C to +55°C	-10°C to +55°C
Operation humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Shell material	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Dimension (W x H x D)	38 x 25 x 18mm	38 x 25 x 18mm	38 x 25 x 18mm	38 x 25 x 18mm	52 x 52 x 88mm	52 x 52 x 88mm
Weight	31.5 g	31.5 g	28.5 g	28.5 g	85 g	85g
Installation method	Wall Mounting or Inside 86 box	Wall Mounting or Inside 86 box	Wall Mounting	Wall Mounting	Plug into Socket	Plug into Socket

First Generation Wireless Peripherals

Model	DS-PKA-WLM
Image	 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	800 m (Open area)
Transmission Frequency	433 MHz / 868 MHz
Power	3 VDC power input
Battery Type	4 AA Battery
Operation Humidity	10% to 90% (No condensing)
Operation Temperature	-10°C to +55°C (-4°F to 122°F)
Color	White
Dimension (W × H × D)	φ131.5 mm (5.2") height: 23 mm (0.9")

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

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

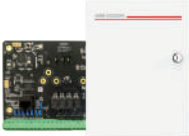
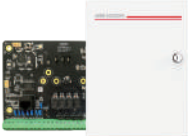
First Generation Wireless Peripherals

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	433 MHz	868 MHz
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	3 V/210mAh (included)	3 V/210mAh (included)
Dimensions (W × H × D)	63 × 49 × 16 mm	63 × 49 × 16 mm
Weight (g)	24.5	24.5

Model	DS-PM-W02	DS-PM-W08
Image	 AES-128 encryption	 AES-128 encryption
Transmission Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz
Transmission Distance	800 m (Open area)	800 m (Open area)
RF Speed	10.0 kbps	10.0 kbps
Alarm Output Type	2-way, Up to 30 VDC/1A	8-way, Up to 30 VDC/1A
Power Supply	9 to 15 VDC	9 to 15 VDC
Tamper	Front and rear	Front and rear
Status LEDs	3 LEDs: Power(green), Fault(orange), Signal strength(green&orange)	3 LEDs: Power(green), Fault(orange), Signal strength(green&orange)
Switch	One onboard switch for turning on/off LED	One onboard switch for turning on/off LED
Shell Material	PC + ABS	PC + ABS
Application Scenario	Indoor	Indoor
Operating Temperature	-10°C to +55°C	-10°C to +55°C
Operating Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (W × H × D)	160 × 105 × 28 mm	160 × 105 × 28 mm

Model	DS-PM-W11
Image	 AES-128 encryption
Transmission Frequency	433 MHz / 868 MHz
Transmission Distance	800 m (Open area)
RF Speed	10.0 kbps
Alarm Input Type	One NC input
Power Supply	CR123/3 V (included)
Tamper	Front and rear
Status LEDs	One red & green LED
Button	One onboard tamper button
Switch	One switch for turning on/off LED
Shell Material	PC + ABS
Application Scenario	Indoor
Operating Temperature	-10°C to +55°C
Operating Humidity	10% to 90% (Non-Condensing)

Hikvision Hybrid Panel

Model	DS-PHA20	DS-PHA20-W2	DS-PHA64	DS-PHA64-W4
Image	 Up to 20 Inputs, 20 Outputs	 Up to 20 Inputs, 20 Outputs; Supports 2 Channel Video Verification	 Up to 64 Inputs, 64 Outputs	 Up to 64 Inputs, 64 Outputs; Supports 4 Channel Video Verification
Available Model	DS-PHA20-P(Plastic Enclosure);	DS-PHA20-W2P(Plastic Enclosure);	DS-PHA64-M (Metal Enclosure); DS-PHA64-B(PCB only)	DS-PHA64-W4M (Metal Enclosure); DS-PHA64-W4B (PCB only)
Alarm Input	4 on-board zones , and 16 wired/wireless zones expadable	4 on-board zones , and 16 wired/wireless zones expadable	8 on-board zones, and 56 wired/wireless zones expadable	8 on-board zones, and 56 wired/wireless zones expadable
Alarm Output	2 on-board outputs, and 18 wired/wireless outputs expadable	2 on-board outputs, and 18 wired/wireless outputs expadable	4 on-board outputs, and 60 wired/wireless outputs expadable	4 on-board outputs, and 60 wired/wireless outputs expadable
Area	4	4	32	32
Wifi Module	NO	YES	NO	YES
Sounder	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens
SMS Notification (with 3G/4G/GPRS module)	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers
Network Camera Accessing	-	2	-	4
Cellular Network (with 3G/4G/GPRS module)	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud
Tamper Switch	1	1	1	1
Network Interface	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface
Telephone Interface	1, PSTN expander interface	1, PSTN expander interface	1, PSTN expander interface	1, PSTN expander interface
Battery Interface	Lithium Battery (-P model); 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]

Model	DS-19A08-01BN	DS-19A08-01BN6
Image	 Up to 256 Inputs, 256 Outputs	 Up to 256 Inputs, 256 Outputs
Alarm Input	8 inputs onboard expandable to 256	8 inputs onboard expandable to 256
Alarm Output	4 outputs onboard and expandable to 256 (Capacity:30VDC/1A)	4 outputs onboard and expandable to 256 (Capacity:30VDC/1A)
Siren Power Supply	12 VDC / 750 mA	12 VDC / 750 mA
PSTN	Yes	Yes
Supported Keypads (LCD)	32	32
Tamper-proof Switch	1, Support Tampering Alarm	1, Support Tampering Alarm
Area	8 Area, 1 Public Area	8 Area, 1 Public Area
SMS Alarm-Report Push	-	Yes
Arming/Disarming via SMS Command	-	Yes
Cellular Network	-	GPRS
SIM Card Slot	-	1
Network Interface	1 RJ-45; 10M/100M Self-adaptive	1 RJ-45; 10M/100M Self-adaptive
Keypad Interface	1 RS-485 Half-duplex	1 RS-485 Half-duplex
Working Temperature	-10°C to +55°C	-10°C to +55°C
Working Humidity	10% to 90%	10% to 90%
Installation Mode	Wall-mounting	Wall-mounting
Dimension(W × H × D)	370 × 320 × 86 mm	370 × 320 × 86 mm
Weight (kg)	< 3.5	< 3.5

Wired Detector

Model	DS-PDP18-E62	DS-PDC15-E62	DS-PDD12P-E62
Image	 NEW	 NEW	 NEW
Detection range	18m, 85.9°	15m, 6.3°	12m, 85.9°
Detection speed	0.3 - 2 m/s	0.3 - 2 m/s	0.3 - 2 m/s
Sensitivity	High, Auto, Low	—	Auto, Pet
Pet Immunity	10Kg	—	30Kg
Onboard EOL	Yes	Yes	Yes
Digital temperature compensation	Yes	Yes	Yes
Detection Method	Passive Infrared	Passive Infrared	Passive Infrared;Microwave
Anti-masking	—	—	—
Anti-cloaking	—	—	—
Anti-blocking	—	—	—
SEC technology	Yes	Yes	Yes
Sealed optics	Yes	Yes	Yes
Creep zone protection	Yes	Yes	Yes
Direct light filter	6500lux	6500lux	6500lux
Tamper Protection	Front	Front	Front
LED Indicator	Blue (alarm)	Blue (alarm)	Green(PIR), Orange(Microwave), Blue(Alarm)
Power supply	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)
Current consumption	11mA max	11mA max	17mA max
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operating humidity	10% to 90%	10% to 90%	10% to 90%
Installation height	1.8 to 2.4m	2.4 m to 3.6 m"	1.8 m to 2.4 m
Microwave frequency	—	—	24Ghz (24.15Ghz to 24.25Ghz)
Dimension(WxHxD)	65.4 x 86.8 x 45.5 mm	86.8 x 65.4 x 45.5 mm	65.7 mm (2.59 ") × 103.8 mm (4.09 ") × 45.5 mm (1.79 ")
IP Rate	—	—	—
Weight	68 g	68 g	99g

Model	DS-PDD15AM-E62	DS-PDC100M-V63	DS-PDC10AM-V63	DS-PDCL12-E62
Image	 NEW	 NEW	 NEW	 NEW
Detection range	15m, 85.9°	Wall Mount, 10m Ceiling Mount, 6m, 5°	Wall Mount, 10m Ceiling Mount, 6m, 5°	12m, 360°
Detection speed	0.3 - 2 m/s	0.2 - 3 m/s	0.2 - 3 m/s	0.3 - 2 m/s
Sensitivity	Auto, Low	Auto	Auto	Auto, Low
Pet Immunity	—	—	—	—
Onboard EOL	Yes	Yes	Yes	Yes
Digital temperature compensation	Yes	Yes	Yes	Yes
Detection Method	Passive Infrared	Passive Infrared;Microwave	Passive Infrared	Passive Infrared
Anti-masking	Yes	Yes	Yes	—
Anti-cloaking	Yes	—	—	—
Anti-blocking	Yes	—	—	—
SEC technology	Yes	Yes	Yes	Yes
Sealed optics	Yes	Yes	Yes	Yes
Creep zone protection	Yes	Yes	Yes	Yes
Direct light filter	6500lux	6500lux	6500lux	6500lux
Tamper Protection	Front	Front	Front	Front
LED Indicator	Green(PIR), Red(Microwave), Blue(Alarm)	Green(PIR), Red(Microwave), Green+Orange(Mask), Blue(Alarm)	Blue(Alarm), Green+Orange(Mask)	Blue(Alarm)
Power supply	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)
Current consumption	25mA max	22mA max	22mA max	13mA max
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operating humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Installation height	1.8 to 2.4m	2 to 4m	2 to 4m	2.4 to 4m
Microwave frequency	24Ghz (24.15Ghz to 24.25Ghz)	24Ghz (24.15Ghz to 24.25Ghz)	—	—
Dimension(WxHxD)	65.7 mm (2.59 ") × 103.8 mm (4.09 ") × 45.5 mm (1.79 ")	29.2mm × 134.4mm × 39.5mm	29.2mm × 134.4mm × 39.5mm	φ101.2 mm x 32.9 mm
IP Rate	—	IP65	IP65	—
Weight	100g	79g	77.5g	79g

Wired Detector

Model	DS-PDTT15AM-LM
Image	 NEW
Detection Range	15m
Detection Angle	90° @ 180° adjustable
Detection Speed	0.3 ~ 2m/s
Mounting Height (m)	0.8 to 1.2m
Anti-masking	Yes
Anti-Sway Analytics	Yes
3 Detection Logic: 2 PIR + mw	Yes
Automatic Sensitivity	Yes
White Light Filter	10000lux
Pet Immunity	40Kg
Digital Temperature Compensation	Yes
Adaptable Coverage	Support Pattern mask included
LED Indicator	Green(Top PIR), Red(Microwave), Orange(Bottom PIR)Green+Orange(Mask), Blue(Alarm)
Digital Processing	Tri-Signal Logic
Sealed Optics	Yes
Tamper Protection	Front;Rear
Anti-Sway Analytics	Yes
Power Consumption	30mA (Standard) 220mA Max (With lighting on)
Power Supply	9 to 16 VDC
Microwave Frequency	24GHz(24.15 ~ 24.25GHz)
Weatherproof	IP65
Physical dimensions (H x W x D)(mm)	75mm × 202mm × 73mm
Mounting Height	0.8 to 1.2m
Weight	350g

Model	DS-PDP612P-E62	DS-PDB66-E62
Image	 NEW	 NEW
Detection Method	Passive Infrared;Acoustic Sensor	Acoustic Sensor
Detection Range	12m	8m
Detection Angle	85.9°	/
Detectable Speed	0.3 ~ 2m/s	/
Pet Immunity	30Kg	/
PIR Sensitivity	Auto,Pet	/
Creep Zone Protection	Support	/
White Light Filter	6500lux	/
Glass Type	Float;Plate;Tempered;Wired;Laminated Leaded;Double Glazing	Float;Plate;Tempered;Wired;Laminated Leaded;Double Glazing
Glass Thickness	2.4mm to 6.4mm	2.4mm to 6.4mm
Glass Size	0.3m x 0.3m to 3m x 3m	0.3m x 0.3m to 3m x 3m
Digital Processing	Support	Support
Sealed Optics	Support	Support
Tamper Protection	Front	Front
Alarm Output	Normally Closed	Normally Closed
LED Indicator	Green(PIR),Red(BG),Blue(alarm)	Red(High Frequency Trigger), Green(Low Frequency Trigger), Blue(Alarm)
Power Supply	9 to 16 VDC	9-16 VDC
Power Consumption	36mA Max	25mA
Typical Voltage	12 VDC	12V
Operation Humidity	10% to 90%	10% to 90%
Dimension(WxHxD)	65.5mm×103mm×48.5mm	38.8 mm × 107 mm × 22.5 mm
Weight	98.5g	49.5g
Mounting Height	1.8 to 2.4m	\
Mounting Method	Wall	Wall;Ceiling
Application Scenario	Indoor	Indoor

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

Wired Detector

Model	DS-PD1-MC-MS	DS-PD1-MC-RS	DS-PD1-MC-WS
Image		 For rolling door	
Shell material	Metal plating	Metal plating	ABS
Capacity (VDC)	≤ 100	≤ 100	≤ 100
Capacity (mA)	≤ 500	≤ 500	≤ 500
Contact scheme (NC\NO)	NC	NC	NC
Distance(mm)	≥ 35	≥ 65	≥ 17
Installation	Screw	Surface	Surface
Dimension (L x W x H)	50 x 18 x 10 mm 50 x 18 x 10 mm	108 x 40 x 8 mm 88 x 20 x 21 mm	63.5 x 12.5 x 15.7 mm 63.5 x 12.5 x 12.5 mm

Model	DS-PDSK-P	DS-PDSKM-V63
Image	 NEW	 NEW
Digital Processing	Support	Support
Tamper Protection	Front	Front;Rear
Alarm Output	Normally Closed	Normally Closed
LED Indicator	Blue(Alarm)	Blue(Alarm),Red(Noise Indication)
Power Supply	9 - 16 VDC	9 - 16 VDC
Typical Voltage	12 V	12 V
Power Consumption	30mA	17mA
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-50 °C to 70 °C (-58 °F to 158 °F)
Operation Humidity	10% to 90%	10% to 90%
Dimension(WxHxD)	30 mm x 108 mm x 22 mm	60mm×80mm×19.5mm

Model	DS-PDSMK-4BAR	DS-PDSMK-4
Image		
Detection Method	Smoker Detection	Smoker Detection
Alarm threshold	(0.10 - 0.16) dB/m (1.51 - 2.73) % / ft obscuration	(0.10 - 0.16) dB/m (1.51 - 2.73) % / ft obscuration
Buzzer	≥ 85 dB @ 3 m	—
Indicator	Two continuous emitting red LEDs	Two continuous emitting red LEDs
Power supply	10.2 - 13.8 VDC	10.2 - 13.8 VDC
Operation temperature	0 °C to +50 °C	0 °C to +50 °C
Operation humidity	0 % - 98 % RH, non-condensing	0 % - 98 % RH, non-condensing
Dimension (W x H x D)	Φ 100 mm × 35 mm	Φ 100 mm × 35 mm
IP Rate	IP42	IP42
Installation method	Ceiling mounted	Ceiling mounted
Storage Temperature	-25 °C to +80 °C	-25 °C to +80 °C

Wired Peripherals

Model	DS-PK-L	DS-PK-LRT
Image	 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	 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
Numeric Key	12 [0 1 2 3 4 5 6 7 8 9 * #]	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]	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 ●/●]	Fault[Orange ●], Network[Green ●], Alarm[Red ●], Armed/Disarmed[Blue ●], Set[Red/Green ●/●]
Tag Reader	N/A	Yes
Tamper-proof	Yes	Yes
Uplink Communication	RS485	RS485
Sound Prompt	Buzzer	Buzzer
Wireless Frequency	N/A	433 MHz/868 MHz optional

Model	DS-PKG-H4L	DS-PKG-H8L
Image	 Real time zone status display	 Real time zone status display
Numeric Key	12 [0 1 2 3 4 5 6 7 8 9 * #]	12 [0 1 2 3 4 5 6 7 8 9 * #]
Function Key	Project, Panic, Status, and Bypass	Project, Panic, Status, and Bypass
Indicator	Zone status indicator: 4, red/green	Zone status indicator: 8, red/green
Tamper-proof	Supported	Supported
Uplink Communication	RS485	RS485
Sound Prompt	Buzzer	Buzzer
Operation Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)

Model	DS-PM-RSWR
Image	 A converter between wired panel and wireless detectors
Wireless Detector	8
Wireless Keyfob	32
Wireless sounder	2
RF Frequency	433 MHz/ 868 MHz
RF Transmission Distance	400 m (open space)
Indicator	1 Red/Green dual color LED
Tamper Protection	Front and rear
Power Supply	12 VDC

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

Model	DS-PM-M04-H	DS-PM-M032
Image	 Control 4-ch of normally open (NO) or normally closed (NC) relay output when connecting to the control panel via MBUS	 Control 32-ch of normally open (NO) or normally closed (NC) relay output when connecting to the control panel via MBUS
Output	4 [Output Capacity 220VAC / 10A]	32
Dimensions (L x W x H)	114 × 187 × 31 mm	184 × 387 × 31 mm

Model	DS-PM-MR
Image	 Extend the distance of MBUS and amplify the signal to improve communication quality
Cable Transmission Distance and Cross-sectional Area	Transmission Distance: 2400m, Cross-sectional area: 1.5mm²
Dimensions (mm)	74 × 135 × 28 mm

Model	DS-PM-RS18
Image	 Supports Normally Open (NO) or Normal Close (NC) monitoring inputs with the wiring of 2/3.3/5.6/8.2kΩ terminal resistances (EOL) communicate with control panel via RS-485
Input	8
Dimensions (mm)	132.5 × 74 × 28 mm

Model	DS-PM-RS04	DS-PM-RS08	DS-PM-RS04-H	DS-PM-RS08-H
Image	 Control normally open (NO) or normally closed (NC) relay output (Capacity: DC30V/1A) when connecting to the control panel communicate with control panel via RS-485	 Control normally open (NO) or normally closed (NC) relay output (Capacity: DC30V/1A) when connecting to the control panel communicate with control panel via RS-485	 Capacity: 220 VAC/10A communicate with control panel via RS-485	 Capacity: 220 VAC/10A communicate with control panel via RS-485
Output	4	8	4	8
Dimensions (L x W x H)	144 × 187 × 31 mm	144 × 197 × 31 mm	144 × 232 × 31.2 mm	144 × 232 × 31.2 mm

Security Alarm

Emergency Alarm

Quick Response To Security Needs

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

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



Model	DS-PEAP-CVS1	DS-PEAP-CV1	DS-PEAP-CVS1E	DS-PEAP-CV1E
Image	 1. Dual network ports 2. Support POE 3. IK10 4. IP65 5. Standard SIP 6. Braille on button 7. 3G/4G 8. Video panic alarm	 1. Dual network ports 2. Support POE 3. IK10 4. IP65 5. Standard SIP 6. Braille on button 7. Video panic alarm	 1. Dual network ports 2. Support POE 3. IK10 4. IP65 5. Standard SIP 6. Braille on button 7. 3G/4G 8. Video panic alarm 9. Flush mounting	 1. Dual network ports 2. Support POE 3. IK10 4. IP65 5. Standard SIP 6. Braille on button 7. Video panic alarm 8. Flush mounting
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	2 MP HD IR Camera	2 MP HD IR Camera	2 MP HD IR Camera	2 MP HD IR Camera
Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m
Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP
PSTN	1	1	1	1
Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port
I/O Input	2	2	2	2
I/O Output	2	2	2	2
Public Network Transmission	ISUP /Hik-Connect	ISUP /Hik-Connect	ISUP /Hik-Connect	ISUP /Hik-Connect
Network Encryption	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt
SD Card	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G
3G/4G Module	Support	—	Support	—
Power Supply	12 VDC/PoE	12 VDC/PoE	12 VDC/PoE	12 VDC/PoE
Operation Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Operation Temperature	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C
Dimension (L x W x H)	190 x 119 x 47 mm	190 x 119 x 47 mm	229 x 138 x 44.5 mm	229 x 138 x 44.5 mm
Mounting mode	Wall and surface mounting	Wall and surface mounting	Wall and flush mounting	Wall and flush mounting

Panic Alarm Panel

Model	DS-PEA101-V1-Y	DS-PEA101-V1-S	DS-PEA101-V1-R	DS-PEA101-V1-PS	DS-PEA102Y	DS-PEA102S	DS-PEA102R
Image	 1.One-touch emergency calling 2.Exlosion-proof level: IK09&IP65 3.Supports AEC/AGC/ANC	 1.One-touch emergency calling 2.Exlosion-proof level: IK09&IP65 3.Supports AEC/AGC/ANC	 1.One-touch emergency calling 2.Exlosion-proof level: IK09&IP65 3.Supports AEC/AGC/ANC	 1.One-touch emergency calling 2.Exlosion-proof level: IK09&IP65 3.Supports AEC/AGC/ANC 4.Supports PoE	 1.One-touch emergency calling 2.Exlosion-proof level: IK08&IP54 3.Supports AEC/AGC/ANC	 1.One-touch emergency calling 2.Exlosion-proof level: IK08&IP54 3.Supports AEC/AGC/ANC	 1.One-touch emergency calling 2.Exlosion-proof level: IK08&IP54 3.Supports AEC/AGC/ANC
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	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	Embedded Linux Operation System	Embedded Linux Operation System
Camera	NO	NO	NO	NO	NO	NO	NO
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	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 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker
Network Protocol	TCP/IP, RTSP, Hik-SIP, Standard SIP	TCP/IP, RTSP, Hik-SIP, Standard SIP	TCP/IP, RTSP, Hik-SIP, Standard SIP	TCP/IP, RTSP, Hik-SIP, Standard SIP	TCP/IP, RTSP, Hik-SIP, Standard SIP	TCP/IP, RTSP, Hik-SIP, Standard SIP	TCP/IP, RTSP, Hik-SIP, Standard SIP
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	10 M/100 M Self-adaptive Ethernet port	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	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port
IO Input	1	1	1	1	1	1	1
IO Output	1	1	1	1	1	1	1
Public Network Transmission	ISUP /Hik-Connect	ISUP /Hik-Connect	ISUP /Hik-Connect	ISUP /Hik-Connect	ISUP /Hik-Connect	ISUP /Hik-Connect	ISUP /Hik-Connect
Network Encryption	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt
Power Supply	12 VDC/(With Adaptor)	12 VDC/(With Adaptor)	12 VDC/(With Adaptor)	12 VDC(With Adaptor)/PoE(IEEE802.3af)	12 VDC/(With Adaptor)	12 VDC/(With Adaptor)	12 VDC/(With Adaptor)
Operation Temperature	-20°C + 55°C	-20°C + 55°C	-20°C + 55°C	-20°C + 55°C	-20°C + 55°C	-20°C + 55°C	-20°C + 55°C
Installation	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted
Dimension(mm)	119.2x195.6x43.3	119.2x195.6x43.3	119.2x195.6x43.3	119.2x195.6x43.3	179x114x43.5	179x114x43.5	179x114x43.5

Panic Alarm Box

Panic Alarm Station

Model	DS-PEA1-21	DS-PEA2-21	DS-PEA3M-21	DS-PEA3M-21H
Image	 1. Dual network ports 2. Build-in loudspeaker and pickup with cracking voice prevention 3. Video collection and all-day monitoring with 2 MP HD IR camera	 1. Dual network ports 2. Video collection and all-day monitoring with 2 MP HD IR camera 3. Internal audible and visual alarm	 1. Dual network ports 2. Video collection and all-day monitoring with 2 MP HD IR camera 3. Electronic Controlled Cabinet Lock/Normal Cabinet Lock	 1. Dual network ports 2. Video collection and all-day monitoring with 2 MP HD IR camera 3. Internal audible and visual alarm 4. Electronic Controlled Cabinet Lock/Normal Cabinet Lock 5. Including 8 Ports switch
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	2 MP HD IR Camera, 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 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	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 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, HIK-SIP, ONVIF	TCP/IP, RTSP, HIK-SIP, ONVIF	TCP/IP, RTSP, HIK-SIP, ONVIF	TCP/IP, RTSP, 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	10 M/100 M Self-adaptive Ethernet port
Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10M/100M Self-adaptive Ethernet Port	2 RJ45 10M/100M Self-adaptive Ethernet Port
IO Input	2	2	2	2
IO Output	2	2	2	2
Public Network Transmission	ISUP / Hik-Connect	ISUP / Hik-Connect	ISUP / Hik-Connect	ISUP / Hik-Connect
Network Encryption	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt
Switch	NO	NO	No	8-ports switch x 1
Alarm Lamp	NO	1, Light Can be Configured Separately	1 Red and Blue Alarm Lamp, Light Can be Configured Separately	1 Red and Blue Alarm Lamp, Light Can be Configured Separately
Siren	NO	1, Sound Can be Configured Separately	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	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	DC 12V/P0E	DC 12V/P0E	DC 12V/P0E	DC 12V/P0E
Operation Temperature	-25°C ~+55°C	-25°C ~+55°C	-25°C ~+55°C	-25°C ~+55°C
Installation	Wall Mounting	Hold Hooping and Wall Mounting	Ground Mounting	Ground Mounting
Dimension(mm)	218 x 128 x 58	504 x 327.7 x 125	450 x 500 x 2205	450 x 500 x 4534

Model	DS-PEA12-P/ZJ	DS-PEA12-P
Image	 1. One-touch emergency calling 2. High quality imaging with 2 MP built-in camera 3. Supports siren and audio expansion	 1. One-touch emergency calling 2. High quality imaging with 2 MP built-in camera 3. Supports siren and audio expansion
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	2 MP HD IR Camera
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, SIP	TCP/IP, RTSP, SIP
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	1RJ45, 10 M/100 M/1000 M self adaptive
IO Input	2	2
IO Output	2	2
Public Network Transmission	ISUP /Hik-Connect	ISUP /Hik-Connect
Network Encryption	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt
Switch	/	/
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	1-ch 30 W Build-in Loudspeaker Sound Can be Configured Separately	1-ch 30 W Build-in Loudspeaker Sound Can be Configured Separately
SD Card	Built-in SD slot supports MicroSD / SDHC / SDXC up to 256 GB	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G
Power Supply	110 - 220V AC	110-240V AC
Operation Temperature	-40 °C to +70 °C (-40 °F to 158 °F)	-40 °C to +70 °C (-40 °F to 158 °F)
Installation	Ground Mounting	Ground Mounting
Dimension(mm)	Without Bracket: 280 mm × 280 mm × 2148 mm (11.02" × 11.02" × 84.57") With Bracket: 280 mm × 280 mm × 4332 mm (17.72" × 19.69" × 170.56")	Without Bracket: 280 mm × 280 mm × 2148 mm (11.02" × 11.02" × 84.57") With Bracket: 280 mm × 280 mm × 4332 mm (17.72" × 19.69" × 170.56")

Master Station	
Model	DS-PEA4H-10
Appearance	 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
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, SIP, RTSP, Onvif, Standard SIP
Network Interface	1 RJ45 10M/100M/1000 M Self-adaptive Ethernet Ports
Network Encryption	Supports User name and password authentication, User Lock-in and Password Security Prompt
IO Input	4
IO Output	4, Relay Output
RJ11	1, for handset
VGA Output	1, for display user interface, which can be used synchronously with HDMI
HDMI Output	1, for display user interface, which can be used synchronously with VGA
Micro SDXC	1, Micro SDXC (≤ 128 GB)
USB	1, USB 3.0 1, USB 2.0
Power Supply	12 VDC/ PoE
Operation Humidity	10% to 90%
Operation Temperature	-10°C to +55°C
Consumption	≤ 15 W
Dimension (L × W × H)	With handset: 361 × 65 × 197 mm Without handset: 291 × 41 × 197 mm

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 multiple potential intruders, 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, NEMA 4X)
- > Multiple targets auto tracking
- > Links up to 4 PTZ dome cameras
- > Situation Awareness



Security Radar

Model	DS-PR1-60	DS-PR1-60V	DS-PRP100	DS-PR1120
Image	 1. IP67, IK09, 24/7 all-weather 2. Supports link to up to 4 speed dome cameras	 1. IP67, IK09, 24/7 all-weather 2. Supports link to up to 4 speed dome cameras 3. Supports intelligent analysis with camera to reduce false alarm	 1. IP67, IK09, 24/7 all-weather 2. Supports link to up to 4 speed dome cameras	 1. IP67, IK09, 24/7 all-weather 2. Supports link to up to 4 speed dome cameras
Detection Range	60 m	60 m	100 m	120 m
Horizontal Angle	100°	100°	6.2°	120°
Coverage	3000 m²	3000 m²	540 m²	15000 m²
Max. Target Number	32	32	32	64
Frequency	24 GHz	24 GHz	24 GHz	24 GHz
Network Protocol	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH
Zone	8	8	8	16
Cross Line	4	4	4	4
Relay Output	4	4	4	4
Power Supply	12 VDC/PoE	12 VDC/PoE	12 VDC/PoE	12 VDC/PoE
Consumption	6 W	16 W	≤ 8 W	≤ 8 W
Operation Temperature	-40°C to 65°C [-40°F to 149°F]	-40°C to 65°C [-40°F to 149°F]	-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%	10% to 90%	10% to 90%
Protection Level	IP67, IK09	IP67, IK09	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"])	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	1.84 kg	1.84 kg	1.84 kg	1.84 kg
Dimension (L x W x H)	206 × 228 × 61 mm (8.11" × 8.98" × 2.40")	206 mm × 228 mm × 61 mm (8.11" × 8.98" × 2.40")	206 × 228 × 61 mm (8.11" × 8.98" × 2.40")	206 × 228 × 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

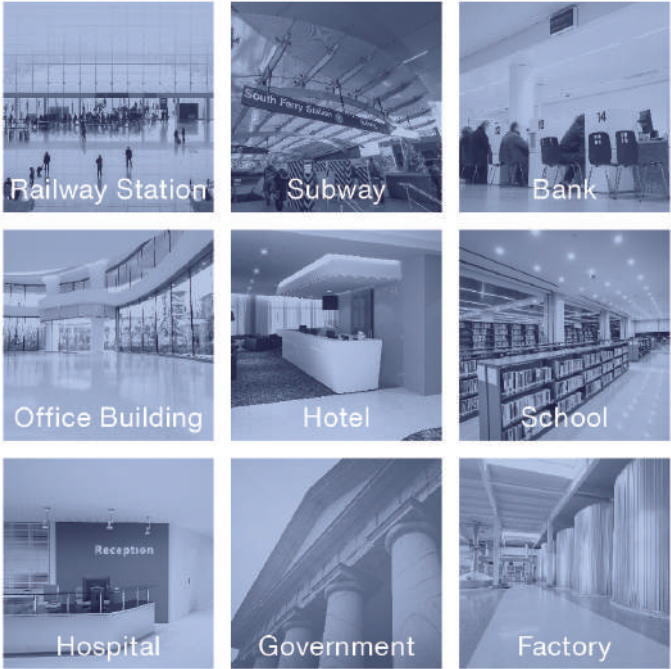
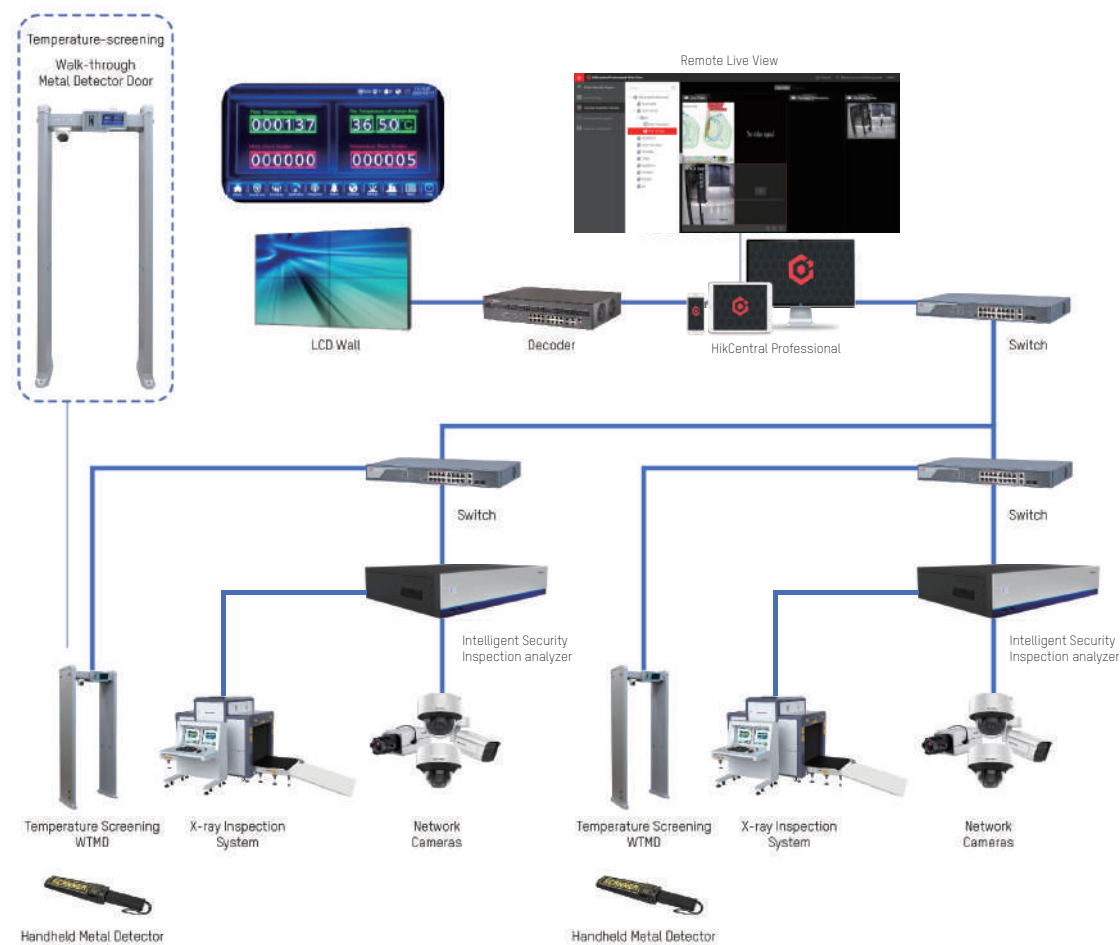
INTELLIGENT SECURITY INSPECTION

- 114** Walk-through Metal Detector
- 116** Handheld Metal Detector
- 117** X-ray Inspection System
- 120** Intelligent Security Inspection Analyzer



Intelligent Security Inspection

Put every effort to make a safer world



Intelligent Security Inspection

Walk-through Metal Detector

Temperature-screening Walk-through Metal Detector Needs

- Thermal based real-time skin surface temperature screening, timely alarm for abnormal temperature
- Real-time display of temperature screening and visible light image via LCD displays
- Touch screen for easy management
- Counting on flow and alarm events
- 18 zones accurate metal detection
- Work with HikCentral Professional for remote configuration and area flow analysis

General Walk-through Metal Detector

- Ultra-high detection sensitivity, and coin-sized metal can be detected
- Counting on flow and alarm events
- Multi-location detection to accurately locate the metal positions of the human body
- Sensitivity adjustment for each zone



Walk Through Metal Detector

Model	ISD-SM6318LT-D	NP-S6118L	NP-S6118	NP-S6112L	NP-S6106
Image					
Temperature Screening via Thermal Camera	Accuracy: $\pm 0.5^{\circ}\text{C}$	No	No	No	No
Detecte Both Non-ferrous Metal and Ferrous Metal	Yes	Yes	Yes	Yes	Yes
The Smallest Detected Metals	Coin-sized metals	Coin-sized metals	Coin-sized metals	Coin-sized metals	Coin-sized metals
Number of Detection Zones	18	18	18	12	6
Configuration Method	Touch screen and website	Remote controller	Remote controller	Remote controller	Keypad
Power Supply	12 VDC, 3.15 A, 36 W(with power adapter)	187 VAC to 242VAC, 50 / 60 Hz	187 VAC to 242VAC, 50 / 60 Hz	187 VAC to 242VAC, 50 / 60 Hz	187 VAC to 242VAC, 50 / 60 Hz
Power Consumption	36 W	<15 W	<15 W	<15 W	<15 W
Working Temperature	Turret camera: 5°C to 40°C , <95% RH Walk-through metal detector: -10°C – 55°C , <95% RH	Temp: -25°C to 55°C , <95% RH (non-condensing)	Temp: -25°C to 55°C , <95% RH (non-condensing)	Temp: -25°C to 55°C , <95% RH (non-condensing)	Temp: -25°C to 55°C , <95% RH (non-condensing)
Protection Level	Turret camera: IP66 Walk-through metal detector: IP53	IP52	IP52	IP52	IP52
Flow Control for Certain Area	YES	NO	NO	NO	NO
Display	7-inch touch screen	LCD Display	LED Display	LCD Display	LED Display
Display Information	Pass Through Number Metal Alarm Number Real-time Skin Surface Temperature Temperature Alarm Number Security Level Frequency Time	Pass Through Number Metal Alarm Number	Pass Through Number Metal Alarm Number	Pass Through Number Metal Alarm Number	Pass Through Number Metal Alarm Number
Sensitivity Level	Security Level: 0 to 100 Sensitivity: 0 to 255	2000	2000	1000	300
Number of Pre-loaded Settings	72 pre-loaded settings	11 pre-loaded settings	NA	11 pre-loaded settings	NA
Number of Optional Frequency Bands	12 kinds of working frequency available	11 kinds of working frequency available or manual setting from 7000 to 8999 Hz	11 kinds of working frequency available or manual setting from 7000 to 8999 Hz	11 kinds of working frequency available or manual setting from 7000 to 8999 Hz	11 kinds of working frequency available or manual setting from 7000 to 8999 Hz
Automatic Frequency	YES	YES	YES	YES	YES
Visible and Audible Alarm	YES	YES	YES	YES	YES
Number of IR Groups	2	2	2	2	2

Intelligent Security Inspection

Handheld Metal Detector



Handheld Metal Detector	
Model	NP-SH100
Image	
Power Supply	Standard 9 V (6F22) battery
Operating frequency	25 kHz
Operating Voltage	9 V (6F22)
Drop-proof	1m
Working Temperature	-20 °C to 55 °C
Dimension (W × H × D)	410 × 45 × 85 mm
Weight	400 g (without battery)
Accessories	Rechargeable battery, Charger

Intelligent Security Inspection

X-ray Inspection System

➤ Advanced x-ray imaging technology

Advanced X-ray penetration imaging technology, with substance classification algorithm, presents high resolution images on the display to support dangerous goods fast recognition.

➤ High quality images performance

Steel penetration rate up to 43 mm, wire resolution up to 40 AWG. With clear shape and outline, continuous and tidy, saturated colors and no obvious noise, images are effective for safety analysis, and comfortable for the human eyes.

➤ Simple and delicate structure design

Highly modular hardware, simple and clear structures, which is convenient for maintenance and repair. The internal space is sufficient for good ventilation and heat dissipation, which helps to extend the device life time.

➤ Simple and efficient software design

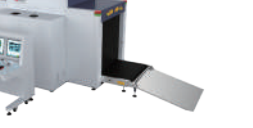
The software interface is clear and simple, and supports keyboard and mouse operations, which makes the operation and management easy even for the new beginners.

➤ High level radiation safety

Radiation leakage is low to $<0.2 \mu\text{SV/h}$, which is close to natural environment radiation level, and much lower than international radiation safety standards.



Model	NP-SC5030	NP-SC5030HM	NP-SC6550	NP-SC6550HM	NP-SC6550DHM
Image		 HOT		 HOT	
Tunnel Size	505 mm x 303 mm	503 mm x 306 mm	659.4 mm x 503.85 mm	659.5 mm x 504 mm	660 x 501.5 mm
Conveyor Height	668.5 mm	663 mm	700.22 mm	700 mm	669 mm
Multi-energy Scanning	NO	YES	NO	YES	YES
Wire Resolution	40 AWG	40 AWG	40 AWG	Standard: 38 AWG Optional: 40 AWG	Standard: 38 AWG Customization: Above 40 AWG
Steel Penetration	8 mm	Standard: 34 mm Optional: 38 mm Customization: above 40 mm	8 mm	Standard: 30 mm Optional: 38 mm Customization: above 40 mm	Standard: 30 mm Customization: above 40 mm
Radiation Leakage	<1 μSv/h	<1 μSv/h	<1 μSv/h	<1 μSv/h	<1 μSv/h
Belt Speed	0.2 m/s	0.22 m/s	0.22 m/s	0.22 m/s	0.22 m/s
Maximum Load	100 kg	100 kg	150 kg	150 kg	150 kg
Noise	≤60 dB	≤60 dB	≤60 dB	≤60 dB	≤60 dB
X-ray Tube Voltage	80 kV	Standard: 140 kV Optional: 160 kV	80 kV	Standard: 140 kV Optional: 160 kV	160 kV
Number of View	Single View	Single View	Single View	Single View	Dual View
Image Processing	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning
Threat Image Projection	Free	Free	Free	Free	Free
Operating System	Linux	Windows	Linux	Windows	Windows
Monitor	Single 17" LCD Color Monitor	Single 17" LCD Color Monitor	Single 17" LCD Color Monitor	Single 17" LCD Color Monitor	Dual 17" LCD Color Monitor
Power Supply	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz
Power Consumption	0.5 kVA	0.5 kVA	0.8 kVA	0.8 kVA	1.0 kVA
Work Temperature	5°C to 40°C	5°C to 40°C	5°C to 40°C	5°C to 40°C	5°C to 40°C
Work Humidity	0% to 90% RH	0% to 90% RH	0% to 90% RH	0% to 90% RH	0% to 90% RH
Size	1660 x 746 x 1165 mm	1660 x 746 x 1165 mm	2195 x 902 x 1362.5 mm	2195 x 902 x 1362.5 mm	2456 x 1348 x 1331mm
Weight	260 kg	300 kg	420 kg	480 kg	740 kg

Model	NP-SC8065M	NP-SC8065HM	NP-10080HM	NP-SC10080DHM	NP-SC100100HM	NP-SC100100DHM
Image						
Tunnel Size	800 mm x 650 mm	800 mm x 650 mm	1005 mm x 803.5 mm	1005.2 mm x 802 mm	1008mm x1011mm	1007 mm x 1008 mm
Conveyor Height	341 mm	304 mm	299.5 mm	301 mm	340.5 mm	309 mm
Multi-energy Scanning	YES	YES	YES	YES	YES	YES
Wire Resolution	38 AWG	38 AWG	38 AWG	Top View36 AWG / Side View 38 AWG	36 AWG	Top View36 AWG / Side View 38 AWG
Steel Penetration	Standard: 34 mm Customization: above 40 mm	Standard: 34 mm Customization: above 40 mm	Standard: 34 mm Customization: above 40 mm	Standard: 32 mm Customization: above 40 mm	Standard: 34mm, Customization: above 40 mm	Standard: 32 mm Customization: above 40 mm
Radiation Leakage	<1 μ Sv/h	<1 μ Sv/h	<1 μ Sv/h	<1 μ Sv/h	<1 μ Sv/h	<1 μ Sv/h
Belt Speed	0.22 m/s	0.22 m/s	0.22 m/s	0.22 m/s	0.22 m/s	0.22 m/s
Maximum Load	200 kg	200 kg	200 kg	200 kg	200 kg	200 kg
Noise	≤60 dB	≤60 dB	≤60 dB	≤60 dB	≤60 dB	≤60 dB
X-ray Tube Voltage	160 kV	160 kV	160 kV	160 kV	160 kV	160 kV
Number of View	Single View	Single View	Single View	Dual View	Single View	Dual View
Image Processing	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning	Black and White/ Color / Local Enhancement / High Penetration / Low Penetration/ Super Enhancement / Organic Exclusion / Enorganic Exclusion / Negative / Brightening / Darkening / Gray Scanning
Threat Image Projection	Free	Free	Free	Free	Free	Free
Operating System	Windows	Windows	Windows	Windows	Windows	Windows
Monitor	Dual 17" LCD Color Monitor	Dual 17" LCD Color Monitor	Dual 17" LCD Color Monitor	Dual 17" LCD Color Monitor	Dual 17" LCD Color Monitor	Dual 17" LCD Color Monitor
Power Supply	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz	AC 220 V + 10% to -15%, 50 Hz ±3 Hz	187 VAC to 242VAC, 50 Hz ± 3 Hz
Power Consumption	1.0 kVA	1.0 kVA	1.0 kVA	1.5 kVA	1.0 kVA	1.5 kVA
Work Temperature	5°C to 40°C	5°C to 40°C	5°C to 40°C	5°C to 40°C	5°C to 40°C	5°C to 40°C
Work Humidity	0% to 90% RH	0% to 90% RH	0% to 90% RH	0% to 90% RH	0% to 90% RH	0% to 90% RH
Size	2848 x 1095 x 1536mm	2630 mm x 1103 mm x 1502 mm	3148.5 x 1305 x 1648 mm	3200 x 1728 x 1648 mm	3644.5mm x1295 mm x 1922 mm	3909 x 1781 x 1878 mm
Weight	640 kg	650 kg	880 kg	1200 kg	1080 kg	1350 kg

HOT

Intelligent Security Inspection

Intelligent Security Inspection Analyzer

> Supports detection of prohibited things

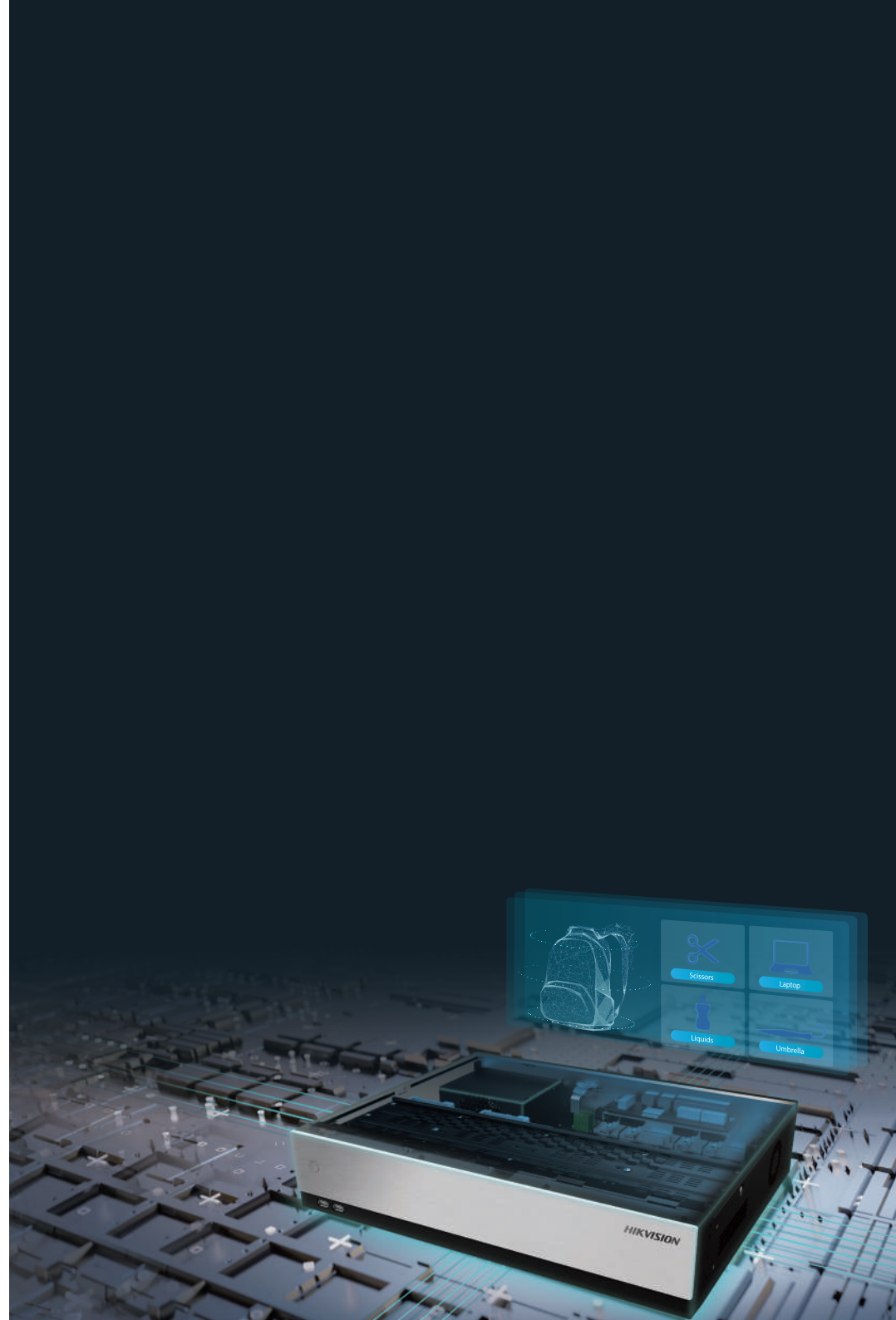
Improves inspection efficiency and reduces labor costs

> Automatic threat alarms and easy event tracing

Provides dual imaging using X-ray and CCTV footage with report generation

> Works seamlessly on the HikCentral platform for unified management

Centralizes metal and package detection events logs and enables remote live view



Model	ISD-ST204D
Image	
Analyzation Channel	1 channel Front angle of view, 1 channel side of view
Prohibited Goods Type	Scissors, knives, spray irrigation, liquid bottles, umbrellas, batteries, laptops, lighters and fireworks [Because each place contraband is different, the recognition effect can have difference]
Video Input	2 Groups VGA/HDMI
Video Output	2 Groups VGA/HDMI
HDD	Built-in 4 TB 3.5", SATA (12TB extendable)
Video Input	4-ch Network Camera
Network Interface	7, 10M/100M/1000M Self-adaptive Ethernet Interface
Serial Port	2, Standard RS-485 full duplex serial port 2, Standard RS-232 full duplex serial port
Alarm Input	8 ch
Alarm Output	4 ch
Dimension	440mm x 90mm x 340mm (W x H x D)
Consumption	≤30 W
Power	220VAC
Operating Temperature	10% to 90%(No Condensation)
Operating Humidity	0°C to 55°C
Weight	3kg



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