



**HIKVISION**<sup>®</sup>

# PRODUCT QUICK GUIDE ACCESS CONTROL, VIDEO INTERCOM, AND ALARM PRODUCTS

2019 **HI**

## 002 Video Intercom

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# Video Intercom

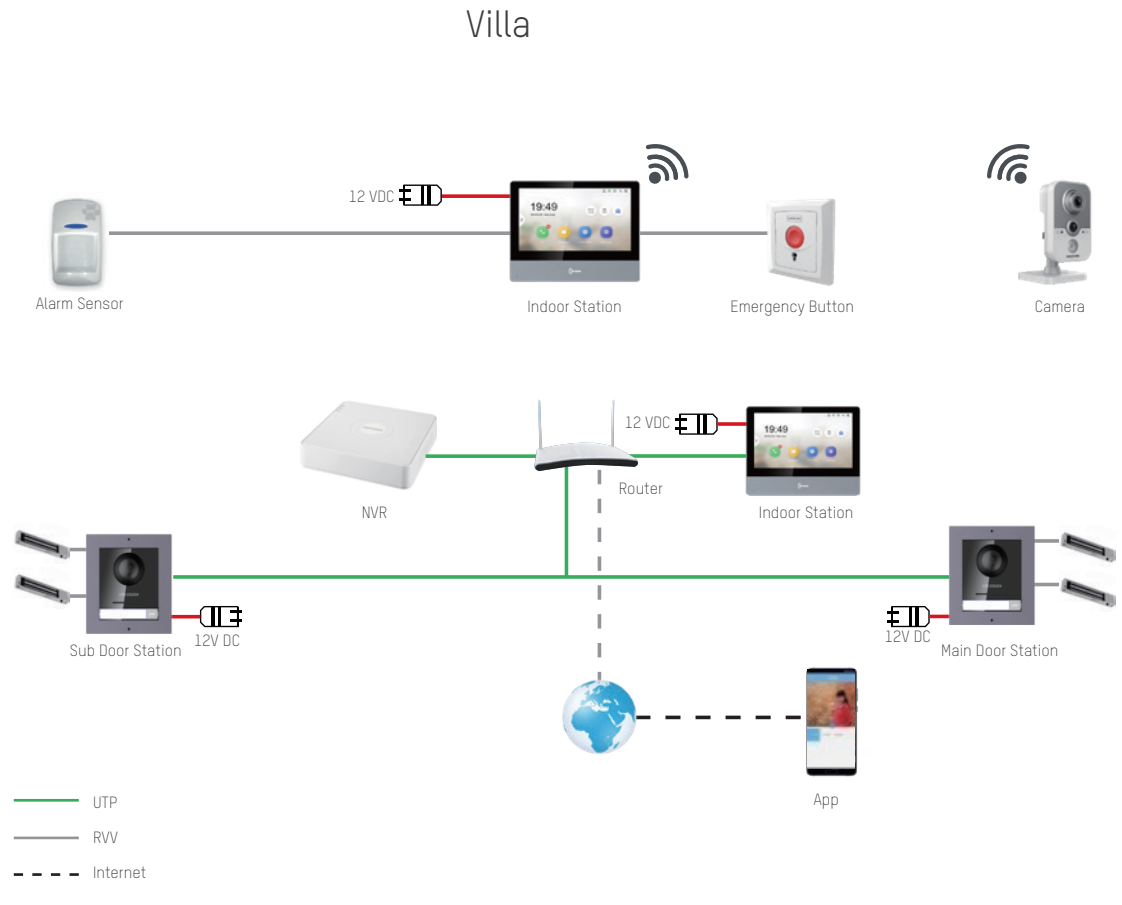
- IP Series
- 2-Wire Series
- 4-Wire Series
- Doorbell
- Kit
- Accessories

# My Ideal Community IP Series Video Intercom

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

- HD cameras for communications and surveillance
- Comprehensive solutions for connecting access control card readers, elevator controllers, doorbells, IP Cameras for live viewing and NVR recording
- Convenient mobile controls
- Supports Wi-Fi so installation requires less wiring

## IP Series Video Intercom - Villa Solution

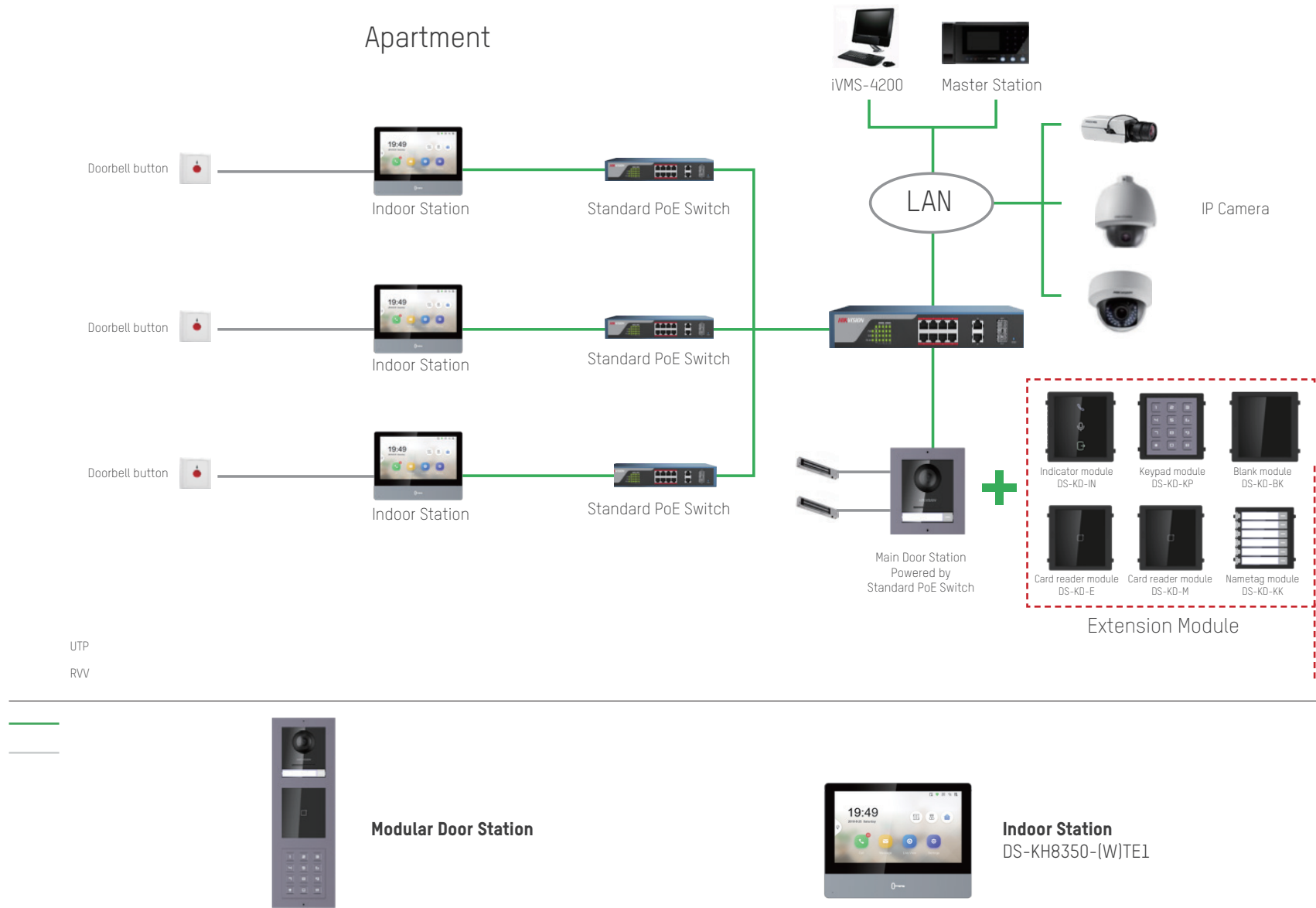







**Indoor Station**  
DS-KH8350-(W)TE1








**Modular Door Station**  
DS-KD8003-IME1/Surface

# IP Series Video Intercom - Apartment Solution



| Model                             | DS-KH8300-T   | DS-KH8301-WT   | DS-KH8350-(W)TE1   | DS-KH8520-WTE1   | DS-KH6310   |
|-----------------------------------|---|--|--|--|---|
| Image                             |  |  <b>HOT</b> |  <b>NEW</b> |  <b>NEW</b> |  |
|                                   | Indoor Station  | Indoor Station   | Indoor Station   | Indoor Station   | Indoor Station  |
| <b>Processor</b>                  | 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   |
| <b>Operation System</b>           | Embedded Linux Operation System   | Embedded Linux Operation System  | Embedded Linux Operation System  | Embedded Linux Operation System  | Embedded Linux Operation System   |
| <b>Display Screen</b>             | 7-Inch Colourful TFT LCD  | 7-Inch Colourful TFT LCD   | 7-inch colourful IPS LCD   | 10.1-inch colourful TFT LCD  | 7-Inch Colourful TFT LCD  |
| <b>Display Resolution</b>         | 1024 × 600  | 1024 × 600   | 1024 × 600   | 1024 × 600   | 800 × 480   |
| <b>Operation Method</b>           | Capacitive Touch Screen, Touch Key  | Capacitive Touch Screen, Touch Key   | Capacitive Touch Screen, Physical Button   | Capacitive Touch Screen, Physical Button   | Capacitive Touch Screen, Physical Button  |
| <b>Operation Interface</b>        | Flattened UI Operation Interface  | Flattened UI Operation Interface   | New UI V2.0: User friendly design  | New UI V2.0: User friendly design  | Flattened UI Operation Interface  |
| <b>Audio Input</b>                | Built-in Omnidirectional Microphone   | Built-in Omnidirectional Microphone  | Built-in Omnidirectional Microphone  | Built-in Omnidirectional Microphone  | Built-in Omnidirectional Microphone   |
| <b>Audio Output</b>               | Built-in Loudspeaker  | Built-in Loudspeaker   | Built-in Loudspeaker   | Built-in Loudspeaker   | Built-in Loudspeaker  |
| <b>Audio Compression Standard</b> | G.711 U   | G.711 U  | G.711 U  | G.711 U  | G.711 U   |
| <b>Audio Compression Rate</b>     | 64 Kbps   | 64 Kbps  | 64 Kbps  | 64 Kbps  | 64 Kbps   |
| <b>Audio Quality</b>              | 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   |
| <b>Ethernet</b>                   | 10/100 Mbps Self-Adaptive Ethernet  | 10/100 Mbps Self-Adaptive Ethernet, WIFI   | 10/100 Mbps Self-Adaptive Ethernet, WIFI   | 10/100 Mbps Self-Adaptive Ethernet, WIFI   | 10/100 Mbps Self-Adaptive Ethernet, WIFI  |
| <b>Network Protocol</b>           | TCP/IP, RTSP  | TCP/IP, RTSP   | TCP/IP, SIP, RTSP  | TCP/IP, SIP, RTSP  | TCP/IP, RTSP  |
| <b>Alarm Input</b>                | 8-ch alarm Inputs   | 8-ch alarm Inputs  | 8-ch alarm Inputs  | 8-ch alarm Inputs  | 8-ch alarm Inputs   |
| <b>Network Interface</b>          | 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  | 1 RJ-45 10/100 Mbps self-adaptive  | 1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface                                |
| <b>RS-485</b>                     | Support   | Support  | Support  | Support  | Support   |
| <b>I/O Output</b>                 | 2   | 2  | 2  | 2  | 1   |
| <b>Tf Card (Micro Sd Card)</b>    | TF Card, Support Max. 32GB  | TF Card, Support Max. 32GB   | Max to 32G, SD 2.0 or lower version  | Max to 32G, SD 2.0 or lower version  | -   |
| <b>Power Supply</b>               | 12 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                       | 12 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                                  | 12V DC / PoE (IEEE 802.3af)  | 12V DC / PoE (IEEE 802.3af)  | 12 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                         |
| <b>Power Consumption</b>          | ≤10 W   | ≤10 W  | ≤ 7 W  | ≤ 6W   | ≤10 W   |
| <b>Working Temperature</b>        | -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 + 55° C (14° F to 131° F)  | -10° C to + 55° C (14° F to 131° F)   |
| <b>Working Humidity</b>           | 10% to 90%  | 10% to 90%   | 10% to 90%   | 10% to 90%   | 10% to 90%  |
| <b>Dimensions (L × W × H)</b>     | 217 mm × 142 mm × 26 mm<br>(8.5" × 5.6" × 1.0")                                   | 217 mm × 142 mm × 26 mm<br>(8.5" × 5.6" × 1.0")  | 180 mm × 140 mm × 22.4 mm<br>(7.09" × 5.51" × 0.88")   | 254 mm × 166 mm × 14.7 mm<br>(10.0" × 6.5" × 0.58")  | 217 mm × 142 mm × 26 mm<br>(8.5" × 5.6" × 1.0")                                     |
| <b>Certification</b>              | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL  | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL   | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL, CB, RCM  | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL, CB, RCM  | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE  |






| Model                      | DS-KH6310-W   | DS-KH6310-WL  | DS-KH6210-L   | DS-KH6320-TE1   | DS-KH6320-WTE1  |
|----------------------------|---|---|---|---|---|
|                            | <b>HOT</b>  | <b>HOT</b>  |   | <b>NEW</b>  | <b>NEW</b>  |
| 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 Colourful TFT LCD  | 7-Inch Colourful TFT LCD  | 7-Inch Colourful TFT LCD  | 7-Inch Colourful TFT LCD  | 7-Inch Colourful TFT LCD  |
| Display Resolution         | 800 × 480   | 800 × 480   | 800 × 480   | 1024 × 600  | 1024 × 600  |
| Operation Method           | Capacitive Touch Screen, Physical Button  | Capacitive Touch Screen, Physical Button  | Physical Button   | Capacitive Touch Screen, Physical Button  | Capacitive Touch Screen, Physical Button  |
| Operation Interface        | Flattened UI Operation Interface  | Flattened UI Operation Interface  | Physical Button   | New UI V2.0: User friendly design   | New UI V2.0: User friendly design   |
| Audio Input                | Built-in Omnidirectional Microphone   | Built-in Omnidirectional Microphone   | Built-in Omnidirectional Microphone   | Built-in Omnidirectional Microphone   | Built-in Omnidirectional Microphone   |
| Audio Output               | Built-in Loudspeaker  | Built-in Loudspeaker  | Built-in Loudspeaker  | Built-in Loudspeaker  | Built-in Loudspeaker  |
| Audio Compression Standard | G.711 U   | G.711 U   | G.711 U   | G.711 U   | G.711 U   |
| Audio Compression Rate     | 64 Kbps   | 64 Kbps   | 64 Kbps   | 64 Kbps   | 64 Kbps   |
| Audio Quality              | Noise Suppression and Echo Cancellation   | Noise Suppression and Echo Cancellation   | Noise Suppression and Echo Cancellation   | Noise Suppression and Echo Cancellation   | Noise Suppression and Echo Cancellation   |
| Ethernet                   | 10/100 Mbps Self-Adaptive Ethernet, WIFI  | 10/100 Mbps Self-Adaptive Ethernet, WIFI  | 10/100 Mbps Self-Adaptive Ethernet  | 10/100 Mbps Self-Adaptive Ethernet  | 10/100 Mbps Self-Adaptive Ethernet, WIFI  |
| Network Protocol           | TCP/IP, RTSP  | TCP/IP, RTSP  | TCP/IP, RTSP  | TCP/IP, SIP, RTSP   | TCP/IP, SIP, RTSP   |
| Alarm Input                | 8-ch Alarm Inputs   | 2-ch Alarm Inputs   | 2-ch Alarm Inputs   | 8-ch Alarm Inputs   | 8-ch Alarm Inputs   |
| 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   | 1 RJ-45 10/100 Mbps self-adaptive   |
| RS-485                     | 1 RS-485 Half-Duplex Port   | -   | -   | -   | 1   |
| I/O Output                 | 1   | -   | -   | -   | 2   |
| Tf Card (Micro Sd Card)    | -   | -   | -   | Max to 32G, SD 2.0 or lower version   | Max to 32G, SD 2.0 or lower version   |
| Power Supply               | 12 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                       | 12 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                       | 12 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                         | 12V DC / PoE (IEEE 802.3af)   | 12V DC / PoE (IEEE 802.3af)   |
| Power Consumption          | ≤10 W   | ≤10 W   | ≤10 W   | ≤ 6 W   | ≤ 6 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 + 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)     | 217 mm × 142 mm × 26 mm<br>(8.5" × 5.6" × 1.0")                                   | 217 mm × 142 mm × 26 mm<br>(8.5" × 5.6" × 1.0")                                   | 217 mm × 142 mm × 26 mm<br>(8.5" × 5.6" × 1.0")                                     | 200 mm × 140 mm × 15.1 mm<br>(7.9" × 5.5" × 0.6")                                   | 200 mm × 140 mm × 15.1 mm<br>(7.9" × 5.5" × 0.6")                                   |
| 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  | IC, CE, C-TICK, ROHS, REACH, WEEE, CB, RCM  | IC, CE, C-TICK, ROHS, REACH, WEEE, CB, RCM  |

| Model                      | DS-KD8102-V   | DS-KD8002-VM  | DS-KD3002-VM  |
|----------------------------|---|---|---|
| Image                      | <br>Door Station | <br>Door Station | <br>Door Station |
| Processor                  | High-Performance Embedded SOC Processor   | High-Performance Embedded SOC Processor   | High-Performance Embedded SOC Processor   |
| Operation System           | Embedded Linux Operation System   | Embedded Linux Operation System   | Embedded Linux Operation System   |
| Camera                     | CMOS Low Illumination 1.3 MP HD Colourful Camera  | CMOS Low Illumination 1.3 MP HD Colourful Camera  | CMOS Low Illumination 1.3 MP HD Colourful Camera  |
| Video Compression Standard | H.264   | H.264   | H.264   |
| Resolution                 | 1280 × 720  | 1280 × 720  | 1280 × 720  |
| Video Frame Rate           | PAL: 25 fps, NTSC: 30 fps   | PAL: 25 fps, NTSC: 30 fps   | PAL: 25 fps, NTSC: 30 fps   |
| Display Screen             | 3.5-Inch Colourful TFT LCD  | 3.5-Inch Colourful TFT LCD  | 3.5-Inch Colourful TFT LCD  |
| Display Resolution         | 480 × 320   | 480 × 320   | 480 × 320   |
| Operation Method           | Capacitive Touch Keypad   | Physical Keypad   | Physical Keypad   |
| Operation Interface        | LCD Display, Easy Menu  | LCD Display, Easy Menu  | LCD Display, Easy Menu  |
| Audio 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 U   | G.711 U   |
| Audio Compression Rate     | 64 Kbps   | 64 Kbps   | 64 Kbps   |
| Audio Quality              | Noise Suppression and Echo Cancellation   | Noise Suppression and Echo Cancellation   | Noise Suppression and Echo Cancellation   |
| Internal Card Reader       | Built-in IC Card Reader   | Built-in IC Card Reader   | Built-in IC Card Reader   |
| External Card Reader       | Wiegand 26, Wiegand 34, or RS-485 IC Reader   | Wiegand 26, Wiegand 34, or RS-485 IC Reader   | Wiegand 26, Wiegand 34, or RS-485 IC Reader   |
| Door Magnetic Detection    | Detects Door Magnetic Status  | Detects Door Magnetic Status  | Detects Door Magnetic Status  |
| Light Supplement Mode      | Visible Light Supplement  | Visible Light Supplement  | Visible Light Supplement  |
| Ethernet                   | 10/100/1000 Mbps Self-Adaptive Ethernet   | 10/100/1000 Mbps Self-Adaptive Ethernet   | 10/100/1000 Mbps Self-Adaptive Ethernet   |
| Network Protocol           | TCP/IP, RTSP  | TCP/IP, RTSP  | TCP/IP, RTSP  |
| Alarm Input                | Door Magnetic Alarm, Tampering Alarm  | Door Magnetic Alarm, Tampering Alarm  | Door Magnetic Alarm, Tampering Alarm  |
| Network Interface          | 1 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface   | 1 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface   | 1 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface   |
| Rs-485                     | 1 RS-485 Half-Duplex Port   | 1 RS-485 Half-Duplex Port   | 1 RS-485 Half-Duplex Port   |
| I/O Input                  | 8   | 8   | 4   |
| I/O Output                 | 4   | 4   | 4   |
| Wiegand                    | 1 Wiegand Port for Accessing Wiegand Card Reader  | 1 Wiegand Port for Accessing Wiegand Card Reader  | 1 Wiegand Port for Accessing Wiegand Card Reader  |
| USB                        | 1 USB 2.0 for updating, Supporting U-Disk   | 1 USB 2.0 for updating, Supporting U-Disk   | 1 USB 2.0 for updating, Supporting U-Disk   |
| Material                   | Plastic   | Aluminum Alloy  | Aluminum Alloy  |
| Power Supply               | 12 VDC  | 12 VDC  | 12 VDC  |
| Power Consumption          | ≤15 W   | ≤15 W   | ≤15 W   |
| Working Temperature        | -40° C to +60° C (-40° F to 140° F)   | -40° C to +60° C (-40° F to 140° F)   | -40° C to +60° C (-40° F to 140° F)   |
| Working Humidity           | 10% to 90%  | 10% to 90%  | 10% to 90%  |
| Ip Protection Level        | IP65  | IP65  | IP65  |
| Dimensions (L × W × H)     | 418 mm × 145 mm × 61 mm (16.5" × 5.7" × 2.4")   | 418 mm × 145 mm × 61 mm (16.5" × 5.7" × 2.4")   | 357 mm × 124 mm × 55 mm (14.1" × 4.9" × 2.2")   |
| Certification              | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE  | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE  | FCC, IC, CE, C-TICK,CB, ROHS, REACH, WEEE,UL  |

HOT





| Model                      | DS-KD8003-IME1  | DS-KD-IN  | DS-KD-KK  | DS-KD-KP  | DS-KD-M/E   | DS-KD-DIS   |
|----------------------------|---|---|---|---|---|---|
| Image                      |  <span style="color: green; font-weight: bold;">NEW</span> |  <span style="color: green; font-weight: bold;">NEW</span> |  <span style="color: green; font-weight: bold;">NEW</span> |  <span style="color: green; font-weight: bold;">NEW</span> |  <span style="color: green; font-weight: bold;">NEW</span> |  <span style="color: green; font-weight: bold;">NEW</span> |
|                            | Modular Door Station-Main Unit  | Extension Module-Indicator Module   | Extension Module-Name Tag Module  | Extension Module-Keypad Module  | Extension Module-Card Reader Module   | Extension Module-Blank Module 3.5 inch Display module   |
| Processor                  | High performance embedded SOC 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<br>Sub Stream: 720 × 480   | -   | -   | -   | -   | -   |
| Operation Method           | Physical Button   | -   | 6 Physical Button   | 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   | -   | -   | -   | -   | -   |
| Audio Compression Rate     | 64 Kbps   | -   | -   | -   | -   | -   |
| Audio Quality              | Noise Suppression and Echo Cancellation   | -   | -   | -   | -   | Noise Suppression and Echo Cancellation   |
| Internal Card Reader       | -   | -   | -   | -   | Build-in Mifare (ID) card reader  | -   |
| Light Supplement Mode      | IR Supplement   | -   | -   | -   | -   | -   |
| Ethernet                   | 10/100 Mbps Self-Adaptive Ethernet  | -   | -   | -   | -   | -   |
| Network Protocol           | TCP/IP, RTSP  | -   | -   | -   | -   | -   |
| Network Interface          | 1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface  | -   | -   | -   | -   | -   |
| I/O Input                  | 4   | -   | -   | -   | -   | -   |
| Power Supply               | 12V DC / PoE ( IEEE 802.3af)  | 12V DC (Powered by the other module)  | 12V DC (Powered by the other module)  | 12 VDC(Powered by the other module)   | 12V DC (Powered by the other module)  | 12V DC (Powered by the other module)  |
| Power Consumption          | ≤10 W   | ≤2 W  | ≤10   | ≤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)   |
| 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, IK7   | 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"]  |
| Certification              | IC, CE, C-TICK, ROHS, REACH, WEEE, CB, RCM  | IC, CE, C-TICK, ROHS, REACH, WEEE, CB, RCM  | IC, CE, C-TICK, ROHS, REACH, WEEE, CB, RCM  | IC, CE, C-TICK, ROHS, REACH, WEEE, CB, RCM  | IC, CE, C-TICK, ROHS, REACH, WEEE, CB, RCM  | IC, CE, C-TICK, ROHS, REACH, WEEE, CB, RCM  |

| Model                      | DS-KV8102-IM  | DS-KV8202-IM  | DS-KV8402-IM  | DS-KV8102-IP  | DS-KV8102-VP  |
|----------------------------|---|---|---|---|---|
| Image                      |  |  |  |  |  |
|                            | Villa Door Station  | Villa Door Station  | Villa Door Station  | Villa Door Station  | Villa Door Station  |
| Processor                  | High-Performance Embedded SOC Processor   | High-Performance Embedded SOC Processor   | High-Performance Embedded SOC Processor   | High-Performance Embedded SOC Processor   | High-Performance Embedded SOC Processor   |
| Operation System           | Embedded Linux Operation System   | Embedded Linux Operation System   | Embedded Linux Operation System   | Embedded Linux Operation System   | Embedded Linux Operation System   |
| Camera                     | CMOS Low Illumination 1.3 MP HD Colourful Camera                                  | CMOS Low Illumination 1.3 MP HD Colourful Camera                                  | CMOS Low Illumination 1.3 MP HD Colourful Camera                                    | CMOS Low Illumination 1.3 MP HD Colourful Camera                                    | CMOS Low Illumination 1.3 MP HD Colourful Camera                                    |
| Video Compression Standard | H.264   | H.264   | H.264   | H.264   | H.264   |
| Resolution                 | 1280 × 720  | 1280 × 720  | 1280 × 720  | 1280 × 720  | 1280 × 720  |
| Video Frame Rate           | 25 fps  | 25 fps  | 25 fps  | 25 fps  | 25 fps  |
| Audio Input                | Built-in Omnidirectional Microphone   | Built-in Omnidirectional Microphone   | Built-in Omnidirectional Microphone   | Built-in Omnidirectional Microphone   | Built-in Omnidirectional Microphone   |
| Audio Output               | Built-in Loudspeaker  | Built-in Loudspeaker  | Built-in Loudspeaker  | Built-in Loudspeaker  | Built-in Loudspeaker  |
| Audio Compression Standard | G.711 U   | G.711 U   | G.711 U   | G.711 U   | G.711 U   |
| Audio Compression Rate     | 64 Kbps   | 64 Kbps   | 64 Kbps   | 64 Kbps   | 64 Kbps   |
| Audio Quality              | Noise Suppression and Echo Cancellation   | Noise Suppression and Echo Cancellation   | Noise Suppression and Echo Cancellation   | Noise Suppression and Echo Cancellation   | Noise Suppression and Echo Cancellation   |
| Internal Card Reader       | Built-in IC Card Reader   | Built-in IC Card Reader   | Built-in IC Card Reader   | Built-in IC Card Reader   | Built-in IC Card Reader   |
| Door Magnetic Detection    | Detects Door Magnetic Status  | Detects Door Magnetic Status  | Detects Door Magnetic Status  | Detects Door Magnetic Status  | Detects Door Magnetic Status  |
| Light Supplement Mode      | IR Supplement   | IR Supplement   | IR Supplement   | IR Supplement   | Visible Light Supplement  |
| Ethernet                   | 10/100 Mbps Self-Adaptive Ethernet  | 10/100 Mbps Self-Adaptive Ethernet  | 10/100 Mbps Self-Adaptive Ethernet  | 10/100 Mbps Self-Adaptive Ethernet  | 10/100 Mbps Self-Adaptive Ethernet  |
| Network Protocol           | TCP/IP, RTSP  | TCP/IP, RTSP  | TCP/IP, RTSP  | TCP/IP, RTSP  | TCP/IP, RTSP  |
| Alarm Input                | Door Magnetic Alarm, Tampering Alarm  | Door Magnetic Alarm, Tampering Alarm  | Door Magnetic Alarm, Tampering Alarm  | Door Magnetic Alarm, Tampering Alarm  | Door Magnetic Alarm, Tampering Alarm  |
| Network Interface          | 1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface                              | 1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface                              | 1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface                                | 1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface                                | 1 RJ-45 10/100 Mbps Self-Adaptive Ethernet Interface                                |
| RS-485                     | 1 RS-485 Half-Duplex Port   | 1 RS-485 Half-Duplex Port   | 1 RS-485 Half-Duplex Port   | 1 RS-485 Half-Duplex Port   | 1 RS-485 Half-Duplex Port   |
| I/O Input                  | 4   | 4   | 4   | 4   | 4   |
| I/O Output                 | 1   | 1   | 1   | 1   | 1   |
| Material                   | Aluminum Alloy  | Aluminum Alloy  | Aluminum Alloy  | Plastic   | Plastic   |
| Power Supply               | 12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                | 12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                | 12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                  | 12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                  | 12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)                  |
| Power Consumption          | ≤12 W   | ≤12 W   | ≤12 W   | ≤12 W   | ≤12 W   |
| Working Temperature        | -40° C to +60° C (-40° F to 140° F)   | -40° C to +60° C (-40° F to 140° F)   | -40° C to +60° C (-40° F to 140° F)   | -40° C to +60° C (-40° F to 140° F)   | -40° C to +60° C (-40° F to 140° F)   |
| Working Humidity           | 10% to 90%  | 10% to 90%  | 10% to 90%  | 10% to 90%  | 10% to 90%  |
| IP Protection Level        | IP65  | IP65  | IP65  | IP65  | IP65  |
| Dimensions (L × W × H)     | 182 mm × 100 mm × 33 mm<br>(7.17" × 3.94" × 1.30")                                | 182 mm × 100 mm × 33 mm<br>(7.17" × 3.94" × 1.30")                                | 182 mm × 100 mm × 33 mm<br>(7.17" × 3.94" × 1.30")                                  | 164 mm × 97 mm × 54.4 mm<br>(6.46" × 3.82" × 2.14")                                 | 164 mm × 97 mm × 54.4 mm<br>(6.46" × 3.82" × 2.14")                                 |
| Certification              | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL  | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL  | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL  | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL  | FCC, IC, CE, C-TICK, ROHS, REACH, WEEE, UL  |

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

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

| Model                  | DS-KAD606  | DS-KAD612  | DS-KAD606-N  | DS-KAD606-P  |
|------------------------|--|--|--|--|
| Image                  | <br>Video/Audio Distributor | <br>Video/Audio Distributor | <br>Video/Audio Distributor | <br>Video/Audio Distributor |
| Interface number       | Eight 10/100 Mbps Interfaces   | Sixteen 10/100 Mbps Interfaces   | Eight 10/100 Mbps Interfaces   | Eight 10/100 Mbps Interfaces   |
| Interface type         | RJ-45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive   | RJ-45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive   | RJ-45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive   | RJ-45, Full/Half-Duplex, MDI/MDI-X Self-Adaptive   |
| Standard               | IEEE802.3, IEEE802.3u, IEEE802.3x  | IEEE802.3, IEEE802.3u, IEEE802.3x  | IEEE802.3, IEEE802.3u, IEEE802.3x  | IEEE802.3, IEEE802.3u, IEEE802.3x  |
| Processing type        | Storing and Forwarding   | Storing and Forwarding   | Storing and Forwarding   | Storing and Forwarding   |
| Flow control           | IEEE802.3x (Full-Duplex), Back Pressure (Half-Duplex)  | IEEE802.3x (Full-Duplex), Back Pressure (Half-Duplex)  | IEEE802.3x (Full-Duplex), Back Pressure (Half-Duplex)  | IEEE802.3x (Full-Duplex), Back Pressure (Half-Duplex)  |
| Priority queue         | 4  | 4  | 4  | 4  |
| Power supply           | 110 VAC to 220 VAC, Self-adaptive (* The AC power cable is not included in the package.)                     | 110 VAC to 220 VAC, Self-adaptive (* The AC power cable is not included in the package.)                     | 24 VDC (*The power adapter is not included in the package.)  | 24 VDC   |
| Power consumption      | <6 W   | <6 W   | ≤8 W   | ≤8 W   |
| Working temperature    | -15 °C to 55 °C (5 °F to 131 °F)   | -15 °C to 55 °C (5 °F to 131 °F)   | -10° C to 55° C (14° F to 131° F)  | -10° C to 55° C (14° F to 131° F)  |
| Working humidity       | 5% to 95%, No Condensation   | 5% to 95%, No Condensation   | 10% to 90%, No Condensation  | 10% to 90%, No Condensation  |
| Dimensions (L × W × H) | 268.6 mm × 118.4 mm × 102.2 mm (10.6" × 4.7" × 4.0")   | 268.6 mm × 118.4 mm × 102.2 mm (10.6" × 4.7" × 4.0")   | 176 mm × 91 mm × 32 mm (69.3" × 35.8" × 12.6")   | 176 mm × 91 mm × 32 mm (69.3" × 35.8" × 12.6")   |

HOT



## My ideal community IP Series Video Intercom

Hikvision 2-Wire Video Intercom system includes both indoor and outdoor video intercom stations powered by a distributor that only needs two wires – one for power and one for audio/video transmission. This 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.

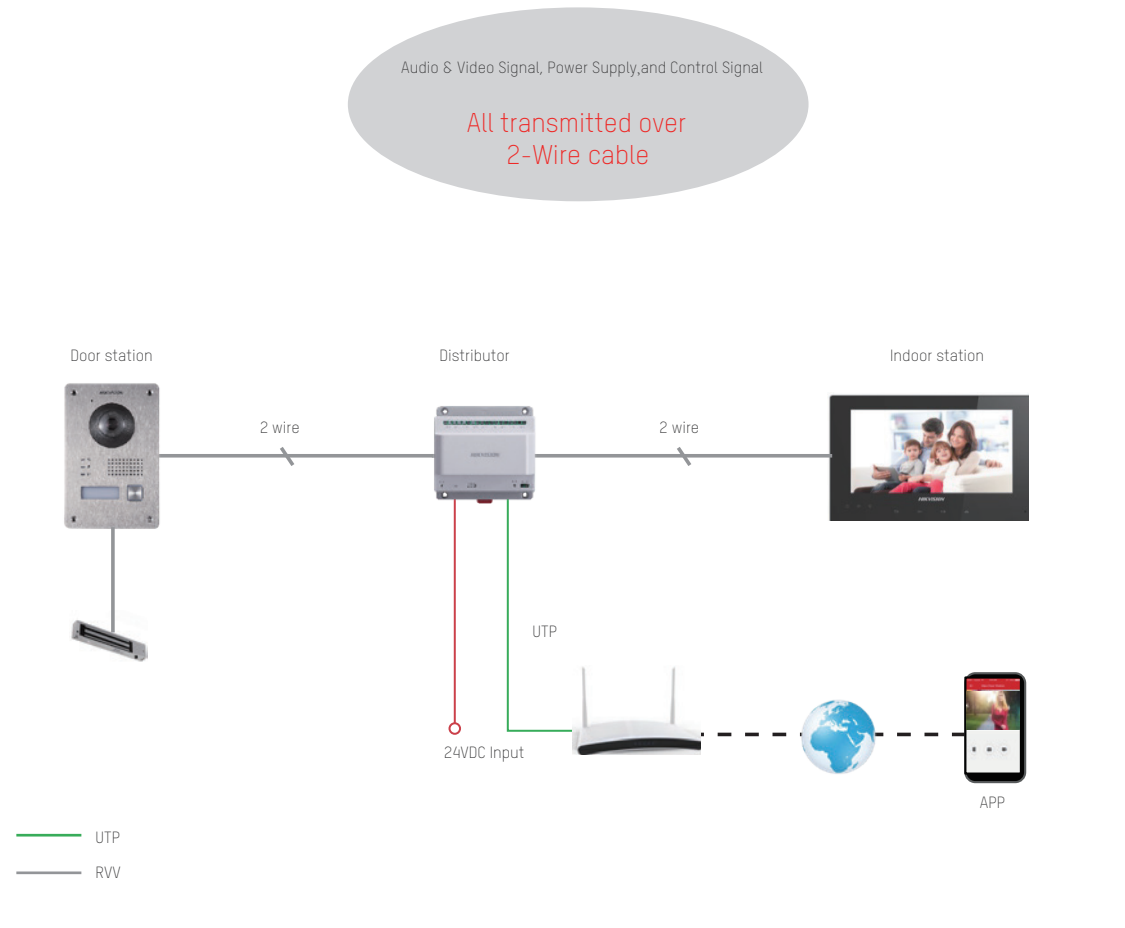
### 2-Wire IP Video Intercom-Villa Solution

- Plug & Play
- Excellent image quality
- Convenient mobile controls
- Easy and cost-effective installation
- Great touch experience

### 2-Wire IP Video Intercom- Apartment Solution

- Excellent image quality
- Receive calls and unlock door using the Mobile App
- Upgrade old systems using existing cables
- Enjoy extended transmission distances
- Video, audio, power and control signal using 2-Wires
- Plug & Play
- Integrates with CCTV and video recording to DVR/NVR

## 2-Wire IP Video Intercom-Villa Solution




**Door Station**  
DS-KV8103-IME2/EU





**Indoor Station**  
DS-KH8340-TCE2  
/EU-W(B)



**Distributor**  
DS-KAD709

|                                   |   |
|-----------------------------------|---|
| <b>Model</b>                      | DS-KV8103-IME2/EU   |
| <b>Image</b>                      |  |
|                                   | 2-Wire Door Station   |
| <b>Processor</b>                  | High-Performance Embedded SOC Processor   |
| <b>Operation System</b>           | Embedded Linux Operation System   |
| <b>Camera</b>                     | CMOS Low Illumination 2 MP HD Colourful 155° Fisheye Camera                       |
| <b>Video Compression Standard</b> | H.264   |
| <b>Resolution</b>                 | 1920 x 1080   |
| <b>Audio Input</b>                | Built-in Omnidirectional Microphone   |
| <b>Audio Output</b>               | Built-in Loudspeaker  |
| <b>Audio Compression Standard</b> | G.711 U   |
| <b>Audio Compression Rate</b>     | 64 Kbps   |
| <b>Audio Quality</b>              | Noise Suppression and Echo Cancellation   |
| <b>Door Magnetic Detection</b>    | Detects Door Magnetic Status  |
| <b>Light Supplement Mode</b>      | IR Supplement   |
| <b>Alarm Input</b>                | Door Magnetic Alarm, Tampering Alarm  |
| <b>2-Wire Interface</b>           | Support   |
| <b>RS-485</b>                     | 1 RS-485 Half-Duplex Port   |
| <b>I/O Input</b>                  | 2   |
| <b>I/O Output</b>                 | 1-ch 12 VDC Output  |
| <b>Material</b>                   | Stainless Steel   |
| <b>Power Supply</b>               | Powered by DS-KAD709  |
| <b>Power Consumption</b>          | ≤12 W   |
| <b>Working Temperature</b>        | -30° C to +60° C (-22° F to 140° F)   |
| <b>Working Humidity</b>           | 10% to 90%  |
| <b>IP Protection Level</b>        | IP65  |
| <b>Dimensions (L × W × H)</b>     | 163 mm x 104 mm x 44 mm<br>(6.42" x 4.09" x 1.73")                                |

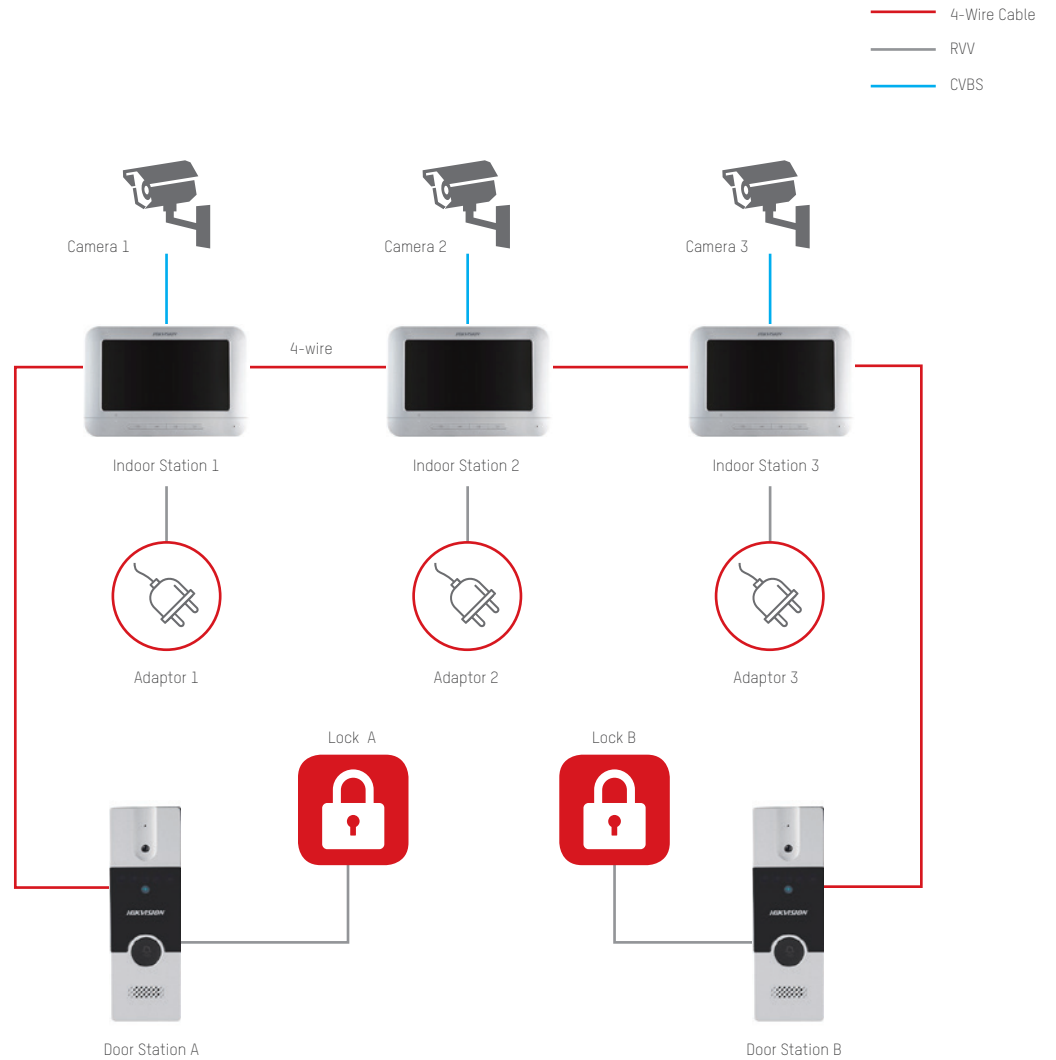
|                               |   |
|-------------------------------|---|
| <b>Model</b>                  | DS-KAD709   |
| <b>Image</b>                  |  |
|                               | 2-Wire Video/Audio Distributor  |
| <b>Ethernet</b>               | 10/100Mbps Self-adaptive Ethernet   |
| <b>2-Wire Interface</b>       | 9-ch 2-wire Interface   |
| <b>Power Supply</b>           | 24 VDC  |
| <b>Power Consumption</b>      | 60 W  |
| <b>Working Temperature</b>    | 10° C to + 55° C (14° F to 131° F)  |
| <b>Working Humidity</b>       | 10% to 90%, No Condensation   |
| <b>Dimensions (L × W × H)</b> | 112.2 mm x 111 mm x 66 mm<br>(4.42" x 4.37" x 2.60")                                |

|                                   |   |
|-----------------------------------|---|
| <b>Model</b>                      | DS-KH8340-TCE2/EU-B(W)  |
| <b>Image</b>                      |  |
|                                   | 2-Wire Indoor Station   |
| <b>Processor</b>                  | High-Performance Embedded SOC Processor   |
| <b>Display Screen</b>             | 7-Inch Colourful TFT LCD  |
| <b>Display Resolution</b>         | 1024 × 600  |
| <b>Operation Method</b>           | Capacitive Touch Screen, Touch Key  |
| <b>Video Compression Standard</b> | H.264   |
| <b>Audio Input</b>                | Built-in Omnidirectional Microphone   |
| <b>Audio Output</b>               | Built-in Loudspeaker  |
| <b>Audio Quality</b>              | Noise Suppression and Echo Cancellation   |
| <b>2-Wire Interface</b>           | Support   |
| <b>RS-485</b>                     | 1 RS-485 Half-Duplex Port   |
| <b>I/O Output</b>                 | 1 Relay Output  |
| <b>Power Supply</b>               | 24 VDC, Power Over 2-wire Cable (DS-KAD709)   |
| <b>Power Consumption</b>          | ≤10 W   |
| <b>Working Temperature</b>        | -10° C to + 55° C (14° F to 131° F)   |
| <b>Working Humidity</b>           | 10% to 90%  |
| <b>Dimensions (L × W × H)</b>     | 196 mm x 133 mm x 25.75 mm<br>(7.72" x 5.24" x 1.01")                               |

# Security starts from your door 4-Wire Video Intercom

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



**Door Station**  
DS-KB2411-IM



**Indoor Station**  
DS-KH2220

| Model                  | DS-KH2220  | DS-KH2220-S  |
|------------------------|--|--|
| Image                  |  <b>HOT</b> |  <b>HOT</b> |
|                        | Indoor Station   | Indoor Station   |
| Display screen         | 7-Inch Colourful TFT LCD   | 7-Inch Colourful 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-Wire Interface ,2 wire for Video & Audio, 2 wire for Power Supply                          | 4-Wire Interface,2 wire for Video & Audio, 2 wire for Power Supply                           |
| 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<br>(7.7" × 5.2" × 0.7")                                       | 195.8 mm × 132.8 mm × 18.39 mm<br>(7.7" × 5.2" × 0.7")                                       |

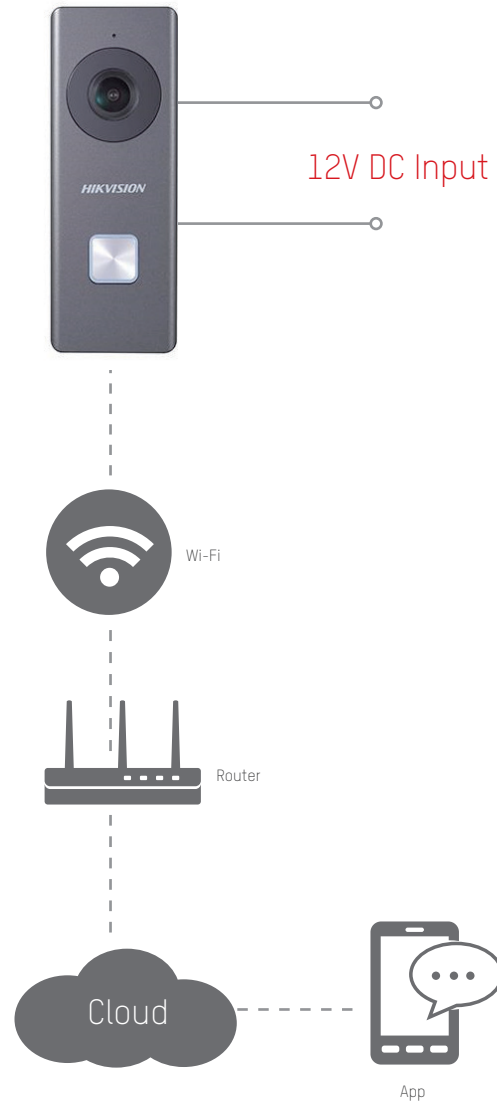
| Model                      | DS-KB2411-IM   | DS-KB2421-IM   |
|----------------------------|--|--|
| Image                      |  <b>HOT</b> |  <b>HOT</b> |
|                            | Door Station   | Door Station   |
| Camera                     | 1/4" CMOS  | 1/4" CMOS  |
| Video compression standard | H.264  | H.264  |
| Resolution                 | 720 × 576  | 720 × 576  |
| Video frame rate           | PAL: 25 fps  | PAL: 25 fps  |
| Audio 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  |
| Light Supplement Mode      | Photosensitive IR Supplement, IR Range: 2 Meters   | Photosensitive IR Supplement, IR Range: 2 Meters   |
| I/O output                 | 1 Relay Output   | 1 Relay Output   |
| 4-wire Interface           | 4-Wire Interface,2 wire for Video & Audio, 2 wire for Power Supply                             | 4-Wire Interface,2 wire for Video & Audio, 2 wire for Power Supply                             |
| Material                   | Aluminum Alloy   | Zinc Alloy   |
| Power supply               | 12 VDC   | 12 VDC   |
| Power consumption          | Max. 3W  | Max. 5W  |
| Working temperature        | -30° C to +60° C (-22° F to 140° F)  | -30° C to +70° C (-22° F to 158° F)  |
| Working humidity           | 10% to 90%   | 10% to 90%   |
| Dimensions (L × W × H)     | 128 mm × 42 mm × 24.8 mm<br>(5.0" × 1.7" × 0.9")   | 145 mm × 49.2 mm × 26.45 mm<br>(5.7" × 1.9" × 1.0")  |
| Protection Level           | N/A  | IP65   |




# Make answering doors fun, easy, and smart

## Wi-Fi Doorbell Intercom

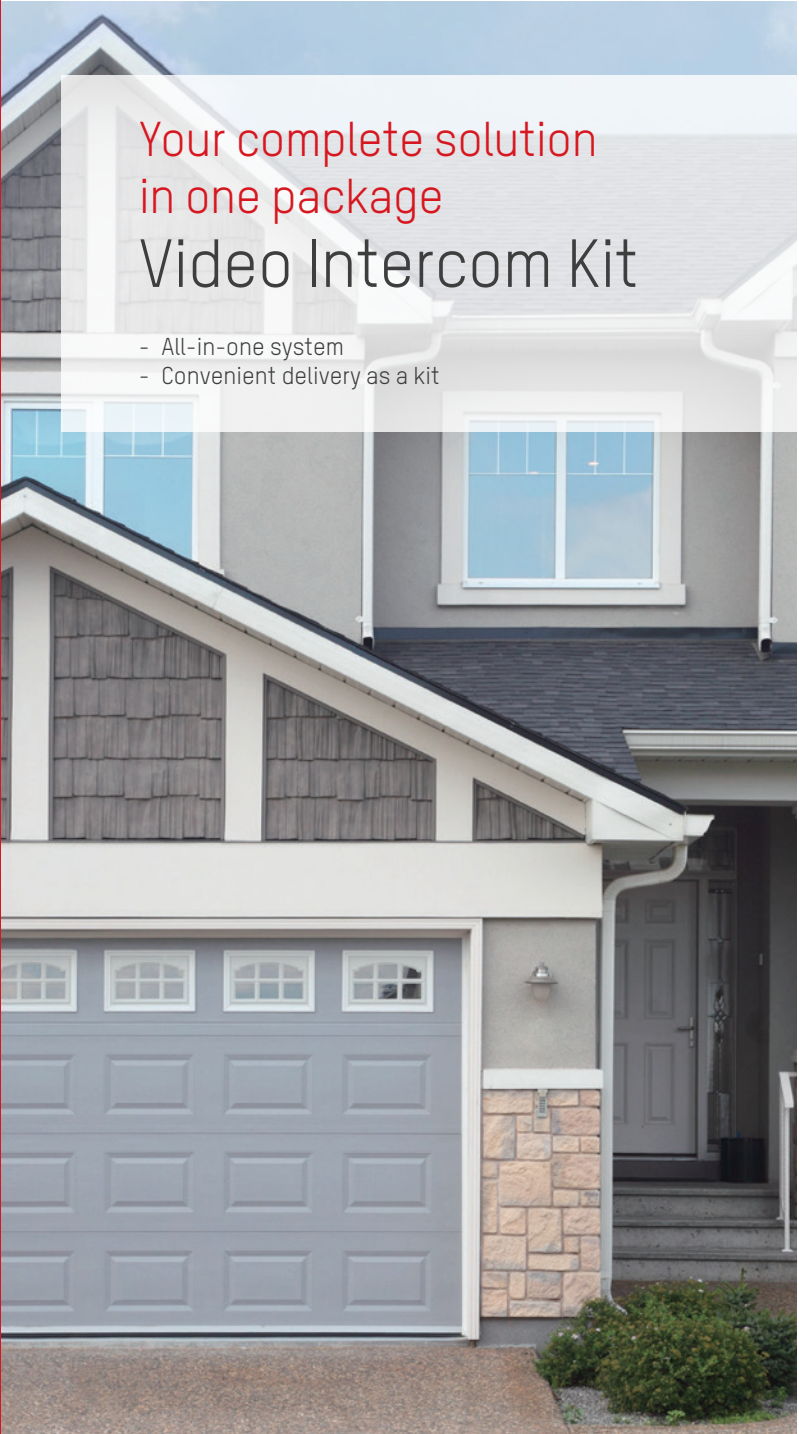
- Ultra-wide angle (180°), 1080p Fisheye camera
- Day/night mode provides excellent vision during both daytime and nighttime (Nighttime IR with maximum distance of 5 meters)
- Record on TF card / NVR once the camera detects motion, and push alarm to App simultaneously
- Volume configuration via App



|                                   |   |
|-----------------------------------|---|
| <b>Model</b>                      | DS-KB6403-WIP   |
| <b>Image</b>                      | <br>Wi-Fi Doorbell   |
| <b>Processor</b>                  | High-Performance Embedded SOC Processor   |
| <b>Operation system</b>           | Embedded Linux Operation System   |
| <b>Camera</b>                     | CMOS 2MP HD Colourful Camera, Low Illumination, f1.96 mm, F 2.2, 180° (Horizontal), 96° (Vertical), WDR |
| <b>Video compression standard</b> | H.264   |
| <b>Resolution</b>                 | Dual Stream<br>Main Stream: 1080p,<br>Sub-Stream: VGA   |
| <b>Audio input</b>                | Built-in Omnidirectional Microphone   |
| <b>Audio output</b>               | Built-in Loudspeaker  |
| <b>Audio compression standard</b> | G.711 U   |
| <b>Audio compression rate</b>     | 64 Kbps   |
| <b>Audio quality</b>              | Noise Suppression and Echo Cancellation   |
| <b>Light supplement mode</b>      | IR Supplement   |
| <b>Ethernet</b>                   | 1 Wireless Interface (Wireless Network Card), Supporting 2.4 GHz  |
| <b>Network protocol</b>           | TCP/IP, RTSP  |
| <b>Alarm input</b>                | Motion Detection Alarm  |
| <b>Material</b>                   | Plastic cover   |
| <b>Power supply</b>               | 12V DC  |
| <b>Power consumption</b>          | Max0.6A   |
| <b>Working temperature</b>        | -30° C to +50° C [-22° F to 122° F]   |
| <b>Working humidity</b>           | 10% to 90%  |
| <b>IP protection level</b>        | IP54  |
| <b>Dimensions (L x W x H)</b>     | 122.4 mm x 45.9 mm x 28.1 mm<br>(4.82" x 1.81" x 1.11")   |
| <b>Certification</b>              | ROHS, REACH, WEEE, C-TICK, FCC, CE, CB, ICE-003, UL   |

# Your complete solution in one package Video Intercom Kit

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



**2-Wire Video Intercom Kit HOT**  
**DS-KIS701-B-D**  
 Door Station: DS-KV8103-IME2/EU  
 Indoor Station: DS-KH8340-TCE2/EU-B  
 Video/Audio Distributor: DS-KAD709



**2-Wire Video Intercom Kit**  
**DS-KIS701-W-D**  
 Door Station: DS-KV8103-IME2/EU  
 Indoor Station: DS-KH8340-TCE2/EU-W  
 Video/Audio Distributor: DS-KAD709



**Standard PoE IP Video Intercom Kit**  
**DS-KIS602**  
 Modular Door Station: DS-KD8003-IME1/  
 Surface  
 Indoor Station: DS-KH6320-WTE1  
 Standard PoE switch: DS-3E0105P-E/M



**IP Video Intercom Kit**  
**DS-KIS601**  
 Door Station: DS-KV8102-IM  
 Indoor Station: DS-KH6310-WL



**Analogue Villa Video Intercom Kit**  
**DS-KIS202**  
 Door Station: DS-KB2411-IM  
 Indoor Station: DS-KH2220



**Analogue Villa Video Intercom Kit**  
**DS-KIS203**  
 Door Station: DS-KB2421-IM  
 Indoor Station: DS-KH2220




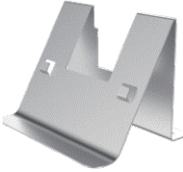

**Analogue Villa Video Intercom Kit**  
**DS-KIS204**  
 Door Station: DS-KB2411-IM  
 Indoor Station: DS-KH2220-S

## Brackets & Gang Boxes for Video Intercom

- Solid and stable
- Insulated
- Convenient design

| Model                 | DS-KAB86  | DS-KAB01  |
|-----------------------|---|---|
| Image                 |  <p>Gang Box</p> |  <p>Protective Shield for DS-KV8X02-IM</p> |
| Material              | PVC   | Stainless Steel SUS201  |
| Working Temperature   | -5° C to +60° C (23° F to 140° F)   | -30° C to +70° C (-22° F to 158° F)   |
| Working Humidity      | 10% to 90%  | 10% to 90%  |
| Dimension (L x W x H) | 81 mm x 78 mm x 50 mm<br>(3.19" x 3.07" x 1.97")  | 212 mm x 115 mm x 80 mm<br>(8.35" x 4.53" x 3.15")  |

| Model                 | DS-KAB02   | DS-KAB10-D  | DS-KAB11-D   |
|-----------------------|--|---|--|
| Image                 |  <p>Protective Shield for DS-KV8X02-IM</p> |  <p>Protective Shield for DS-KD8102-V</p> |  <p>Protective Shield for DS-KD8002-VM</p> |
| Material              | Stainless Steel SUS201   | Stainless Steel   | Stainless Steel  |
| Working Temperature   | -30° C to +70° C (-22° F to 158° F)  | -40° C to +70° C (-40° F to 158° F)   | -40° C to +70° C (-40° F to 158° F)  |
| Working Humidity      | 10% to 90%   | 10% to 90%  | 10% to 90%   |
| Dimension (L x W x H) | 193 mm x 106 mm x 80 mm<br>(7.60" x 4.17" x 3.15")   | 489.6 mm x 171.88 mm x 105.41 mm<br>(19.28" x 6.77" x 4.15")  | 424 mm x 149 mm x 98 mm<br>(16.69" x 5.87" x 3.86")  |

| Model                 | DS-KAB13-D  | DS-KAB03-V  | DS-KAB21-H   | DS-KAB8103-IMEX <span style="color: green;">NEW</span>                              | DS-KAB21-B <span style="color: green;">NEW</span>                                   |
|-----------------------|---|---|--|---|---|
| Image                 |  |  |  |  |  |
|                       | Protective Shield for DS-KD3002-VM  | Protective Shield for DS-KV8102-IP/VP   | Indoor Station Table Stand   | Waterproof Cover for DS-KV8103-IME2   | Convenient design available for the wall mounting of the doorbell (DS-KB2421-IM)    |
| Material              | Stainless Steel   | Stainless Steel   | Stainless Steel  | Stainless Steel   | Stainless Steel   |
| Working Temperature   | -40° C to +70° C (-40° F to 158° F)   | -40° C to +70° C (-40° F to 158° F)   | -10° C to +55° C (14° F to 131° F)   | -40° C to +70° C (-40° F to 158° F)   | -40° C to +70° C (-40° F to 158° F)   |
| Working Humidity      | 10% to 90%  | 10% to 90%  | 10% to 90%   | 10% to 90%  | 10% to 90%  |
| Dimension (L x W x H) | 360 mm × 128 mm × 86 mm<br>(14.17" × 5.04" × 3.39")                               | 172.3 mm × 100 mm × 71 mm<br>(6.78" × 3.94" × 2.8")                               | 131 mm × 102 mm × 100 mm<br>(5.16" × 4.02" × 3.94")                                | 181.4mm×110.4mm×60.55mm<br>(7.14"×4.35"×2.38")                                      | 181.4mm×110.4mm×60.55 mm<br>(7.14"×4.35"×2.38")                                     |

| Model                 | DS-KD-ACW1 <span style="color: green;">NEW</span>   | DS-KD-ACW2 <span style="color: green;">NEW</span>   | DS-KD-ACW3 <span style="color: green;">NEW</span>   | DS-KD-ACF1 <span style="color: green;">NEW</span>  | DS-KD-ACF2 <span style="color: green;">NEW</span>   | DS-KD-ACF3 <span style="color: green;">NEW</span>   |
|-----------------------|---|---|---|--|---|---|
| Appearance            |   |   |    |                                    |                                       |   |
| Special Features      | Adapts to one-module surface mounting   | Adapts to two-module surface mounting   | Adapts to three-module surface mounting   | 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   | 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)   | -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%  |
| Dimension (L x W x H) | Cover: 117 x 107 x 4 mm<br>(4.61" x 4.21" x 0.16")<br>/Installation Frame: 117 x 107 x 32.7 mm<br>(4.61" x 4.21" x 1.29") | Cover: 219 x 107 x 4 mm<br>(8.62" x 4.21" x 0.16")<br>/Installation Frame: 219 x 107 x 32.7 mm<br>(8.62" x 4.21" x 1.29") | Cover: 320.8 x 107 x 4 mm<br>(12.6" x 4.21" x 0.16")<br>/Installation Frame: 320.8 x 107 x 32.7 mm<br>(12.6" x 4.21" x 1.29") | Cover: 134 x 124 x 4 mm<br>(5.28" x 4.88" x 0.16")<br>/Installation Frame: 134 x 124 x 4 mm<br>(5.28" x 4.88" x 0.16") | Cover: 236 x 124 x 4 mm<br>(9.29" x 4.88" x 0.16")<br>/Installation Frame: 219 x 107 x 32.7 mm<br>(8.62" x 4.21" x 1.29") | Cover: 337.8 x 124 x 4 mm<br>(13.3" x 4.88" x 0.16")<br>/Installation Frame: 320.8 x 107 x 32.7 mm<br>(12.6" x 4.21" x 1.29") |



# Access Control

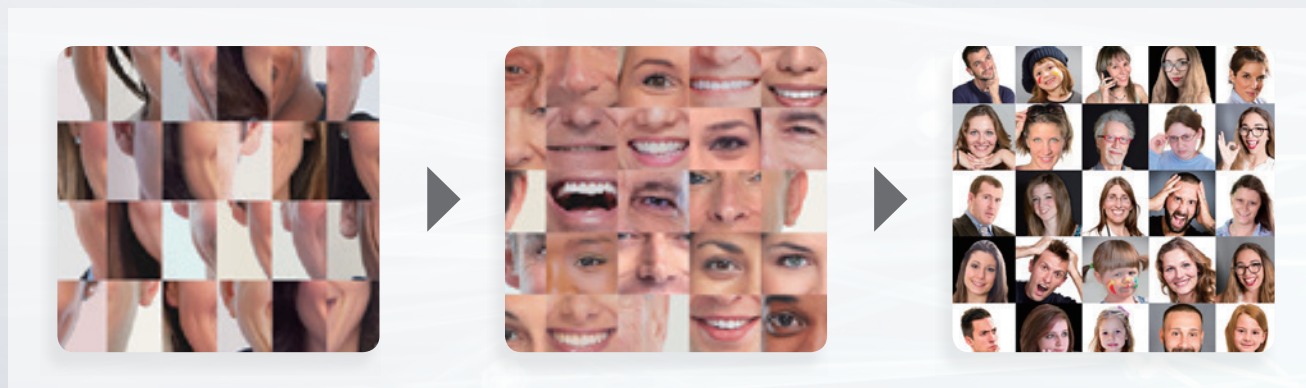
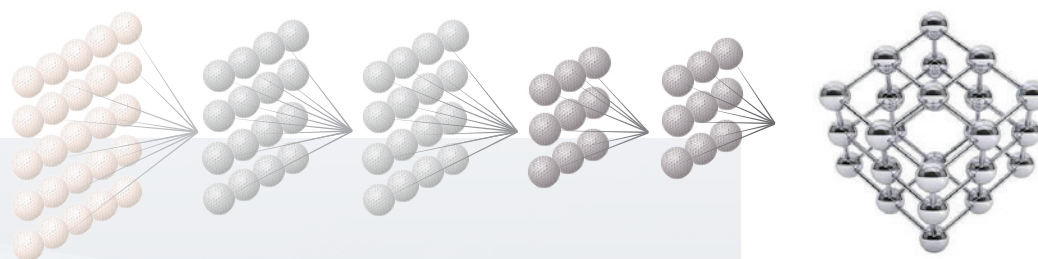
- Face Terminal
- Fingerprint / Card Terminal
- Access Controller
- Reader & Keypad
- Elevator Controller, Card Enroller, and Lock
- Accessories

## Deep Learning technology

Deep Learning algorithms empower Hikvision's face recognition terminals for access control and office security, 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.

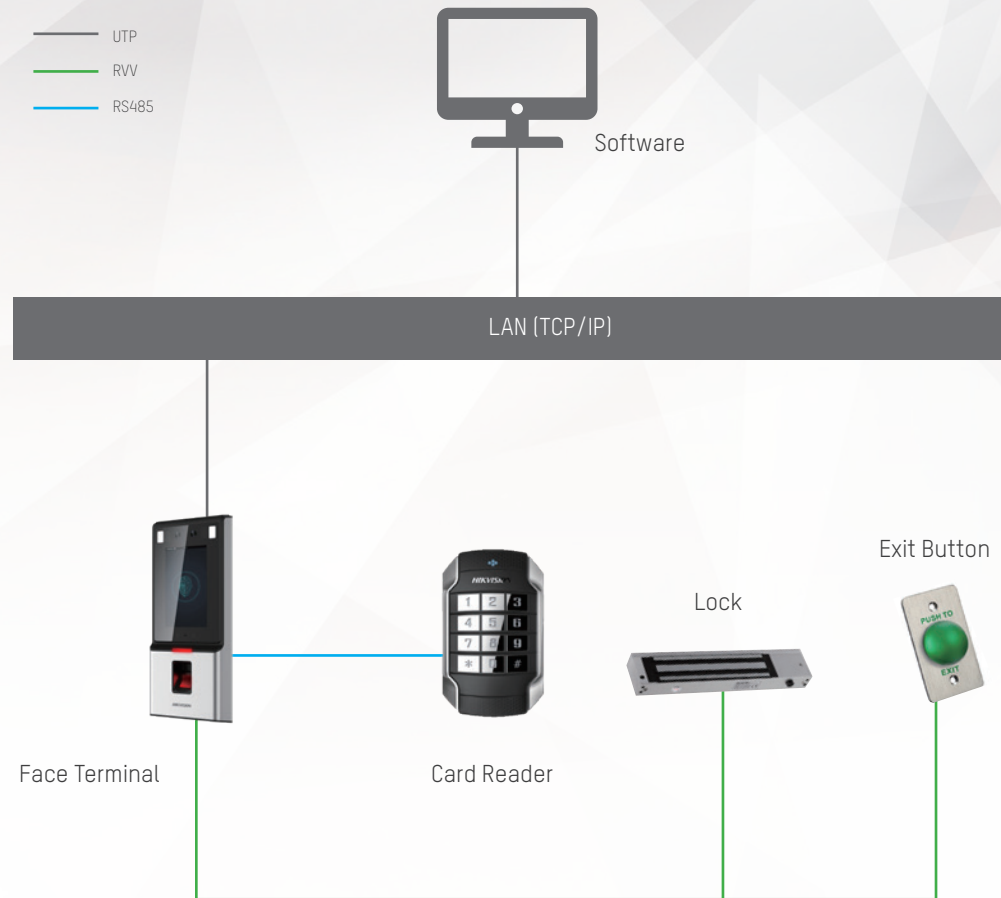






Deep Learning does not require manual intervention but relies on a computer to extract features by itself. The more features there are, the more accurate the recognition and classifications will be.

## Ensure security with various custom terminals







### Face Terminal

- Employs deep learning algorithms and achieves a 99% accuracy rate
- Supports multiple authentication modes: Comparing face; ID card and face; custom modes, etc.
- Face verification within 1 second
- Supports external access controller via Wiegand communication
- Batch downloading of face via USB disk / software
- Storage capacities by model:
  - DS-K1T605: 3,200 faces
  - DS-K1T606: 3,200 faces
  - DS-K1T604: 10,000 faces
  - DS-K1T607: 6,000/10,000/20,000 faces
  - DS-K1T8105: 1,600 faces





| Model                        | DS-K1T605M/E   | DS-K1T605MF/EF  | DS-K1T605MF-B  | DS-K1T8105M/E  |
|------------------------------|--|---|--|--|
| Image                        | <br>Face Recognition Terminal | <br>Face Recognition Terminal | <br>Face Recognition Terminal | <br>Face Recognition Terminal |
| Power Supply                 | 12V DC/2 A   | 12V DC/2 A  | 12V DC/2 A(Support backup battery )  | 12V DC/2 A   |
| Processor                    | 32 Bit   | 32 Bit  | 32 Bit   | 32 Bit   |
| Storage                      | Cards: 5,000<br>Face: 3,200<br>Events: 100,000   | Cards: 5,000<br>Fingerprint: 5,000<br>Face: 3,200<br>Events: 100,000  | Cards: 5,000<br>Fingerprint: 5,000<br>Face: 3,200<br>Events: 100,000   | Cards: 2,500<br>Face: 1,600<br>Events: 50,000  |
| Card Reading Mode            | EM Card (For E seires)<br>MIFARE 1 card (For M series)   | EM Card (For E seires)<br>MIFARE 1 card (For M series)  | EM Card (For E seires)<br>MIFARE 1 card (For M series)   | EM Card (For E seires)<br>MIFARE 1 card (For M series)   |
| Communication Mode           | TCP/IP, Wi-Fi, RS-485,Wiegand  | TCP/IP, Wi-Fi, RS-485,Wiegand   | TCP/IP, Wi-Fi, RS-485,Wiegand  | TCP/IP, Wi-Fi, RS-485 (For Secure Door Control Unit),Wiegand   |
| LCD Screen                   | 5-inch LCD Touch Screen; Resolution: 800 × 480   | 5-inch LCD Touch Screen; Resolution: 800 × 480  | 5-inch LCD Touch Screen; Resolution: 800 × 480   | 5-inch LCD Touch Screen; Resolution: 800 × 480   |
| Camera                       | 0.3 MP   | 0.3 MP  | 0.3 MP   | 0.3 MP   |
| Face Authentication Duration | 1:N<1s   | 1:N<1s  | 1:N<1s   | 1:N<1s   |
| Fingerprint Capacity         | -  | Max. 5,000 Fingerprints   | Max. 5,000 Fingerprints  | -  |
| Input Interface              | Door Sensor × 1, Alarm Input × 2, Tamper × 1,<br>Exit Button × 1, USB × 1                                      | Door Sensor × 1, Alarm Input × 2, Tamper × 1,<br>Exit Button × 1, USB × 1                                       | Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button<br>× 1, USB × 1  | Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button<br>× 1, USB × 1  |
| Output Interface             | Lock × 1, Alarm Output × 1   | Lock × 1, Alarm Output × 1  | Lock × 1, Alarm Output × 1   | Lock × 1, Alarm Output × 1   |
| LED Indicator                | Power/ Status  | Power/ Status   | Power/ Status  | Power/ Status  |
| Working Temperature          | -10°C to +50°C (14°F to +122°F)  | -10°C to +50°C (14°F to +122°F)   | -10°C to +50°C (14°F to +122°F)  | -10°C to +50°C (14°F to +122°F)  |
| Protection Level             | -  | -   | -  | -  |
| Working Humidity             | 10% to 90% (Non-Condensing)  | 10% to 90% (Non-Condensing)   | 10% to 90% (Non-Condensing)  | 10% to 90% (Non-Condensing)  |
| Dimension                    | 190mm × 157mm × 98mm (7.48" × 3.86" × 6.18")   | 190mm × 157mm × 98mm (7.48" × 3.86" × 6.18")  | 190mm × 157mm × 98mm (7.48" × 3.86" × 6.18")   | 190mm × 157mm × 98mm (7.48" × 3.86" × 6.18")   |



| Model                        | DS-K1T604M   | DS-K1T604MF  | DS-K1T606M   | DS-K1T606MF  | DS-K1T607E/MW  | DS-K1T607EF/MFW  |
|------------------------------|--|--|--|--|--|--|
| Image                        | <br>Face Recognition Terminal | <br>Face Recognition Terminal | <br>Face Recognition Terminal | <br>Face Recognition Terminal | <br>Face Recognition Terminal | <br>Face Recognition Terminal |
| Power Supply                 | 12V DC/3A  | 12V DC/3A  | 12V DC/2A  | 12V DC/2A  | 12V DC/3A  | 12V DC/3 A   |
| Processor                    | 32 Bit   | 32 Bit   | 32 Bit   | 32 Bit   | 32 Bit   | 32 Bit   |
| Storage                      | Cards: 50,000<br>Face: 10,000<br>Events: 50,000  | Cards: 50,000<br>Fingerprint: 5,000<br>Face: 10,000<br>Events: 50,000  | Cards: 5,000<br>Face: 3,200<br>Events: 100,000   | Cards: 5,000<br>Fingerprint: 5,000<br>Face: 3,200<br>Events: 100,000   | Cards: 6,000<br>Face : 6,000<br>Events: 10,000   | Cards: 6,000<br>Face : 6,000<br>Events: 10,000   |
| Card Reading Mode            | MIFARE 1   | MIFARE 1   | MIFARE 1   | MIFARE 1   | EM Card (For E seires)<br>MIFARE 1 card (For M series)   | EM Card (For E seires)<br>MIFARE 1 card (For M series)   |
| Communication Mode           | TCP/IP, RS-485,Wiegand   | TCP/IP, RS-485,Wiegand   | TCP/IP, WIFI,RS-485,Wiegand  | TCP/IP, WIFI,RS-485,Wiegand  | TCP/IP, RS-485, Wiegand, Wi-Fi (For W series)  | TCP/IP, RS-485, Wiegand, Wi-Fi (For W series)  |
| LCD Screen                   | 7-inch LCD Touch Screen;<br>Resolution: 1280 × 800   | 7-inch LCD Touch Screen;<br>Resolution: 1280 × 800   | 5-inch LCD Touch Screen;<br>Resolution: 480 × 800  | 5-inch LCD Touch Screen;<br>Resolution: 480p × 800p  | 7-inch Touch Screen; Resolution:<br>1024 × 600   | 7-inch Touch Screen; Resolution:<br>1024 × 600   |
| Camera                       | 2 MP   | 2 MP   | 2 MP   | 2 MP   | 2 MP   | 2 MP   |
| Face Authentication Duration | 1:N<0.5s   | 1:N<0.5s   | 1:N<1s   | 1:N<1s   | 1:N<0.5s   | 1:N<0.5s   |
| Fingerprint Capacity         | -  | Max. 5,000 Fingerprints  | -  | Max. 5,000 Fingerprints  | -  | Max. 5,000 Fingerprints  |
| Input Interface              | Door Sensor × 1, Alarm Input × 2,<br>Tamper × 1, Exit Button × 1, USB × 1                                      | Door Sensor × 1, Alarm Input × 2,<br>Tamper × 1, Exit Button × 1, USB × 1                                      | Door Sensor × 1, Alarm Input × 2,<br>Tamper × 1, Exit Button × 1, USB × 1  | Door Sensor × 1, Alarm Input × 2,<br>Tamper × 1, Exit Button × 1, USB × 1  | Door Sensor × 1, Alarm Input × 2,<br>Tamper × 1, Exit Button × 1, USB × 1  | Door Sensor × 1, Alarm Input × 2,<br>Tamper × 1, Exit Button × 1, USB × 1  |
| Output Interface             | Lock × 1, Alarm Output × 1   | Lock × 1, Alarm Output × 1   | Lock × 1, Alarm Output × 1   | Lock × 1, Alarm Output × 1   | Lock × 1, Alarm Output × 1   | Lock × 1, Alarm Output × 1   |
| LED Indicator                | Power / Status   | Power / Status   | Power / Status   | Power / Status   | Power/ Status  | Power/ Status  |
| Working Temperature          | -20 °C to +65 °C (-4 °F to +149 °F)  | -20 °C to +65 °C (-4 °F to +149 °F)  | -20 °C to +50 °C (14 °F to +122 °F)  | -20 °C to +50 °C (14 °F to +122 °F)  | -30°C to +60°C (-22°F to +140°F)   | -30°C to +60°C (-22°F to +140°F)   |
| Protection Level             | -  | -  | IP65   | IP65   | IP65   | IP65   |
| Working Humidity             | 10% to 90% (Non-Condensing)  | 10% to 90% (Non-Condensing)  | 10% to 90% (Non-Condensing)  | 10% to 90% (Non-Condensing)  | 0% to 90% (Non-Condensing)   | 0% to 90% (Non-Condensing)   |
| Dimension                    | 330 mm × 140 mm × 45 mm<br>(12.99" × 5.51" × 1.77")  | 330 mm × 140 mm × 45 mm<br>(12.99" × 5.51" × 1.77")  | 281.5 mm × 113 mm × 45 mm<br>(11.08" × 4.45" × 1.77")  | 281.5 mm × 113 mm × 45 mm<br>(11.08" × 4.45" × 1.77")  | 239 mm × 116.5 mm × 33 mm<br>(9.41" × 4.59" × 1.30")   | 290 mm × 116.5 × 33 mm<br>(11.41" × 4.59" × 1.30")   |

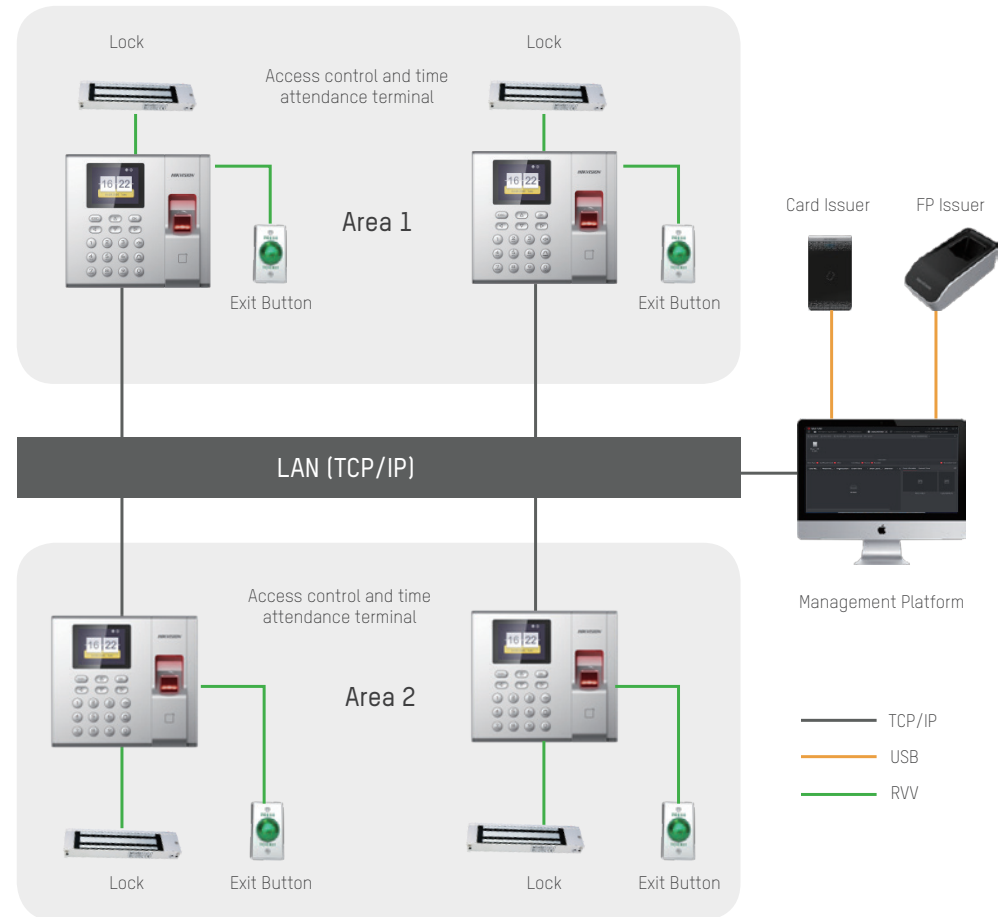
| Model                        | DS-K1T607PE/MW   | DS-K1T607PEF/MFW   | DS-K1T607TE/MW   | DS-K1T607TEF/MFW   | DS-K5603-Z   | DS-K5603T-Z   |
|------------------------------|--|--|--|--|--|---|
| Image                        |  <b>NEW</b> |  <b>NEW</b> |  <b>NEW</b> |  <b>NEW</b> |  <b>HOT</b> |  |
| Power Supply                 | 12V DC/3A  | 12V DC/3 A   | 12V DC/3A  | 12V DC/3 A   | 12V DC/3A  | 12V DC/3A   |
| Processor                    | 32 Bit   | 32 Bit   | 32 Bit   | 32 Bit   | 32 Bit   | 32 Bit  |
| Storage                      | Cards: 50,000<br>Face : 10,000<br>Events: 50,000   | Cards: 50,000<br>Face : 10,000<br>Events: 50,000   | Cards: 50,000<br>Face : 20,000<br>Events: 50,000   | Cards: 50,000<br>Face : 20,000<br>Events: 50,000   | Face: 10,000<br>Events: 50,000   | Face: 50,000<br>Events: 50,000  |
| Card Reading Mode            | EM Card (For E seires)<br>MIFARE 1 card (For M series)                                       | EM Card (For E seires)<br>MIFARE 1 card (For M series)                                       | EM Card (For E seires)<br>MIFARE 1 card (For M series)                                       | EM Card (For E seires)<br>MIFARE 1 card (For M series)   | -  | -   |
| Communication Mode           | TCP/IP, RS-485,<br>Wiegand, Wi-Fi (For W series)   | TCP/IP, RS-485,<br>Wiegand, Wi-Fi (For W series)   | TCP/IP, RS-485,<br>Wiegand, Wi-Fi (For W series)   | TCP/IP, RS-485,<br>Wiegand, Wi-Fi (For W series)   | TCP/IP   | TCP/IP  |
| LCD Screen                   | 7-inch Touch Screen;<br>Resolution: 1024 × 600   | 7-inch Touch Screen;<br>Resolution: 1024 × 600   | 7-inch Touch Screen;<br>Resolution: 1024 × 600   | 7-inch Touch Screen;<br>Resolution: 1024 × 600   | 10.1-inch LCD Touch<br>Screen;<br>Resolution: 1280 × 800                                       | 10.1-inch LCD Touch<br>Screen;<br>Resolution: 1280 × 800                            |
| Camera                       | 2 MP   | 2 MP   | 2 MP   | 2 MP   | 2 MP   | 2 MP  |
| Face Authentication Duration | 1:N<0.5s   | 1:N<0.5s   | 1:N<0.5s   | 1:N<0.5s   | 1:N<0.5s   | 1:N<0.5s  |
| Fingerprint Capacity         | -  | 5000   | -  | 5000   | -  | -   |
| Input Interface              | Door Sensor × 1, Alarm<br>Input × 2, Tamper × 1,<br>Exit Button × 1, USB × 1                 | Door Sensor × 1, Alarm<br>Input × 2, Tamper × 1,<br>Exit Button × 1, USB × 1                 | Door Sensor × 1, Alarm<br>Input × 2, Tamper × 1,<br>Exit Button × 1, USB × 1                 | Door Sensor × 1, Alarm<br>Input × 2, Tamper × 1,<br>Exit Button × 1, USB × 1                   | USB × 2, HDMI × 1  | USB × 2, HDMI × 1   |
| Output Interface             | Lock × 1, Alarm Output<br>× 1  | Lock × 1, Alarm Output<br>× 1  | Lock × 1, Alarm Output<br>× 1  | Lock × 1, Alarm Output<br>× 1  | -  | -   |
| LED Indicator                | Power/ Status  | Power/ Status  | Power/ Status  | Power/ Status  | Power / Status   | Power / Status  |
| Working Temperature          | -30°C to +60°C (-22°F<br>to +140°F)  | -30°C to +60°C (-22°F<br>to +140°F)  | -30°C to +60°C (-22°F<br>to +140°F)  | -30°C to +60°C (-22°F<br>to +140°F)  | -20 °C to +60 °C (-4 °F<br>to +140 °F)   | -20 °C to +60 °C (-4 °F<br>to +140 °F)  |
| Protection Level             | IP65   | IP65   | IP65   | IP65   | IP65   | IP65  |
| Working Humidity             | 0% to 90% (Non-<br>Condensing)   | 0% to 90% (Non-<br>Condensing)   | 0% to 90% (Non-<br>Condensing)   | 0% to 90% (Non-<br>Condensing)   | 10% to 90% (Non-<br>Condensing)  | 10% to 90% (Non-<br>Condensing)   |
| Dimension                    | 239 mm × 116.5 mm ×<br>33 mm<br>(9.41" × 4.59" × 1.30")                                      | 290 mm × 116.5 × 33<br>mm<br>(11.41" × 4.59" × 1.30")  | 239 mm × 116.5 mm ×<br>33 mm<br>(9.41" × 4.59" × 1.30")                                      | 290 mm × 116.5 × 33<br>mm<br>(11.4 1" × 4.59" × 1.30")   | 520 mm × 198 mm × 66<br>mm<br>(204.72" × 77.95" ×<br>25.98")                                   | 520 mm × 198 mm × 66<br>mm<br>(204.72" × 77.95" ×<br>25.98")                        |

| Model                 | DS-KAB604-A  |
|-----------------------|--|
| Image                 |   |
| Material              | PC S-3000UR  |
| Working temperature   | -20 °C to +65 °C<br>(-4 °F to +149 °F)   |
| Working humidity      | 10% to 90%   |
| Dimension (L x W x H) | 349.8 mm×150.77<br>mm×50 mm<br>(13.77" × 5.94" ×<br>1.97")                           |
| Image                 |  |
| Material              | SUS304   |
| Working temperature   | -20 °C to +60 °C<br>(-4 °F to +140 °F)   |
| Working humidity      | 10% to 90%   |
| Dimension (L x W x H) | 240 mm × 240 mm<br>× 1030 mm<br>(9.45" × 9.45" ×<br>40.55")                          |





## Reinforce security with Custom terminals Fingerprint/Card Terminal

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

- Multiple authentication methods: custom combinations of fingerprints / cards / passwords
- Supports access control secure module, vastly improving security levels
- WAN connection by E-Home protocol supports multiple-location management
- Multiple methods to log fingerprints: local devices / remote devices / fingerprint enrollers
- Import / export system parameters via USB
- Local time & attendance recording (DS-K1T804/DS-K1A802 / DS-K1T8003/DS-K1A8503)
- All-in-one terminal (DS-K1T500/501): video surveillance / access control / video intercom



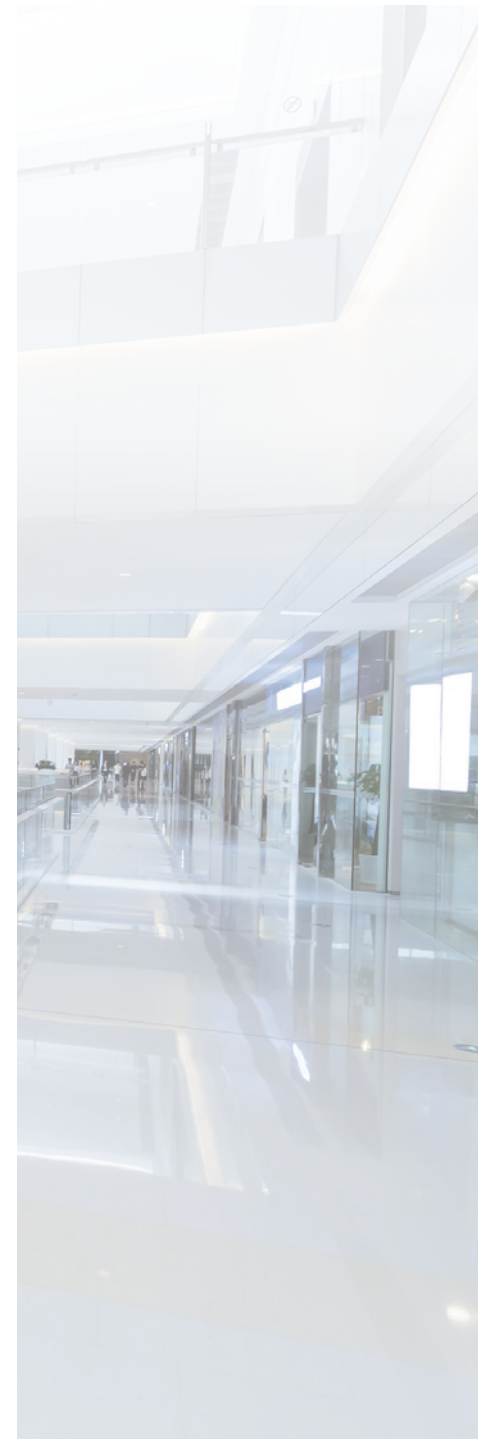
▼ Fingerprint

| Model                               | DS-K1A802F/MF/EF  | DS-K1A802F/MF/EF-B  | DS-K1T804F/MF/EF   | DS-K1A8503F/MF/EF   | DS-K1A8503F/MF/EF-B   | DS-K1T8003F/MF/EF   | DS-K1T201MF/EF(-C)  | DS-K1T501SF   |
|-------------------------------------|---|---|--|---|---|---|---|---|
| Image                               |                            |                              |  <b>HOT</b>                 |  <b>NEW</b>                |  <b>NEW</b>                  |  <b>NEW</b>                |  |  |
|                                     | Fingerprint Time Attendance Terminal  | Fingerprint Time Attendance Terminal (Support backup battery)   | Fingerprint Access Control Terminal  | Fingerprint Time Attendance Terminal  | Fingerprint Time Attendance Terminal (Support backup battery)   | Fingerprint Access Control Terminal   | Fingerprint Access Control Terminal   | Video Access Control Terminal   |
| Power Supply                        | 12V DC  | 12V DC  | 12V DC   | 5V DC   | 5V DC   | 12V DC  | 12V DC  | 12V DC  |
| Processor                           | 32 Bit  | 32 Bit  | 32 Bit   | 32 Bit  | 32 Bit  | 32 Bit  | 32 Bit  | 32 Bit  |
| Storage                             | Cards: 3,000<br>Fingerprint: 3,000<br>Events: 100,000   | Cards: 3,000<br>Fingerprint: 3,000<br>Events: 100,000   | Cards: 3,000<br>Fingerprint: 3,000<br>Events: 100,000  | Cards: 1,000<br>Fingerprint: 1,000<br>Events: 100,000   | Cards: 1,000<br>Fingerprint: 1,000<br>Events: 100,000   | Cards: 1,000<br>Fingerprint: 1,000<br>Events: 100,000   | Cards: 100,000<br>Fingerprint: 5,000<br>Events: 300,000                             | Cards: 50,000<br>Fingerprints: 5,000<br>Events: 200,000                             |
| Card Reading Mode                   | EM Card (For E seires)<br>MIFARE 1 card (For M series)<br><br>(Swiping Card is Not Available for DSK1A802F) | EM Card (For E seires)<br>MIFARE 1 card (For M series)<br><br>(Swiping Card is Not Available for DSK1A802F-B) | EM Card (For E seires)<br>MIFARE 1 card (For M series)<br><br>(Swiping Card is Not Available for DS-K1T804F) | EM Card (For E seires)<br>MIFARE 1 card (For M series)<br><br>(Swiping Card is Not Available for DS-K1A8503F) | EM Card (For E seires)<br>MIFARE 1 card (For M series)<br><br>(Swiping Card is Not Available for DS-K1A8503F-B) | EM Card (For E seires)<br>MIFARE 1 card (For M series)<br><br>(Swiping Card is Not Available for DS-K1T8003F) | EM Card (For E seires)<br>MIFARE 1 card (For M series)                              | MIFARE 1  |
| Communication Mode                  | TCP/IP, WIFI  | TCP/IP, WIFI  | TCP/IP, WIFI, RS-485 (For Secure Door Control Unit), Wiegand   | TCP/IP  | TCP/IP  | TCP/IP  | TCP/IP, Wi-Fi, RS485, Wiegand   | TCP/IP, WIFI, RS-485, Wiegand   |
| LCD Screen                          | 2.8-inch 320 x 240 LCD-TFT Display Screen   | 2.8-inch 320 x 240 LCD-TFT Display Screen   | 2.4-inch (320 x 240 LCD-TFT Display Screen)  | 2.4-inch LCD Display Screen   | 2.4-inch LCD Display Screen   | 2.4-inch LCD Display Screen   | 2.8-inch 320 x 240 LCD-Display Screen   | -   |
| Camera                              | -   | -   | -  | -   | -   | -   | 2 MP (for -C series)  | 2MP, Video Recording  |
| Fingerprint Capacity                | Max. 3,000 Fingerprints   | Max. 3,000 Fingerprints   | Max. 3,000 Fingerprints  | Max. 1,000 Fingerprints   | Max. 1,000 Fingerprints   | Max. 1,000 Fingerprints   | Max. 5,000 Fingerprints   | Max. 5000 Fingerprints  |
| Fingerprint Authentication Duration | 1:N<1s  | 1:N<1s  | 1:N<1s   | 1:N<1s  | 1:N<1s  | 1:N<1s  | 1:N<1.5s  | 1:N<1s  |
| Input Interface                     | USB   | USB   | Exit Button x 1, Door Sensor x 1, Alarm Input x 1, USB2.0 x 1  | USB   | USB   | Exit Button x 1, Door Sensor x 1, USB2.0 x 1  | Doorbell x 1, Tamper Alarm x 1, Exit Button x 1, Door Sensor x 1, Alarm Input x 2   | Doorbell Button x 1, Door Sensor x 1, Alarm Input x 2, Exit Button x 1, Tamper X 1  |
| Output Interface                    | /   | /   | Lock Relay x 1, Alarm Output x 1   | /   | /   | Lock Relay x 1, Doorbell Output x 1   | Lock Relay x 1, Alarm Output x 1  | Lock x 1, Alarm Output (Doorbell) x 1   |
| LED Indicator                       | /   | /   | 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)   | -10 ° C to 55 ° C (14 ° F to 131 ° F)   | -20°C to 65°C (-4°F to 149°F)   | -40°C to 60°C (-40° F to 140° F)  |
| Working Humidity                    | 10% to 90% (Non-Condensing)   | 10% to 90% (Non-Condensing)   | 10% to 90% (Non-Condensing)  | 10% to 90% (Non-Condensing)   | 10% to 90% (Non-Condensing)   | 10% to 90% (Non-Condensing)   | 10% to 90% (Non-Condensing)   | 10% to 90% (Non-Condensing)   |
| Dimension                           | 140 mm x 155 mm x 30 mm (5.51" x 6.01" x 1.18")   | 140 mm x 155 mm x 30 mm (5.51" x 6.01" x 1.18")   | 205mmx76.5mmx37 mm (8.07"x3.01"x1.46")   | 140 mm x 155 mm x 30 mm (5.51" x 6.01" x 1.18")   | 140 mm x 155 mm x 30 mm (5.51" x 6.01" x 1.18")   | 140 mm x 155 mm x 30 mm (5.51" x 6.01" x 1.18")   | 137mm x 142mm x 35mm (5.4" x 5.6" x 1.4")   | 218mm x 78mm x 41mm (8.58" x 3.07" x 1.61")   |

▼ Card

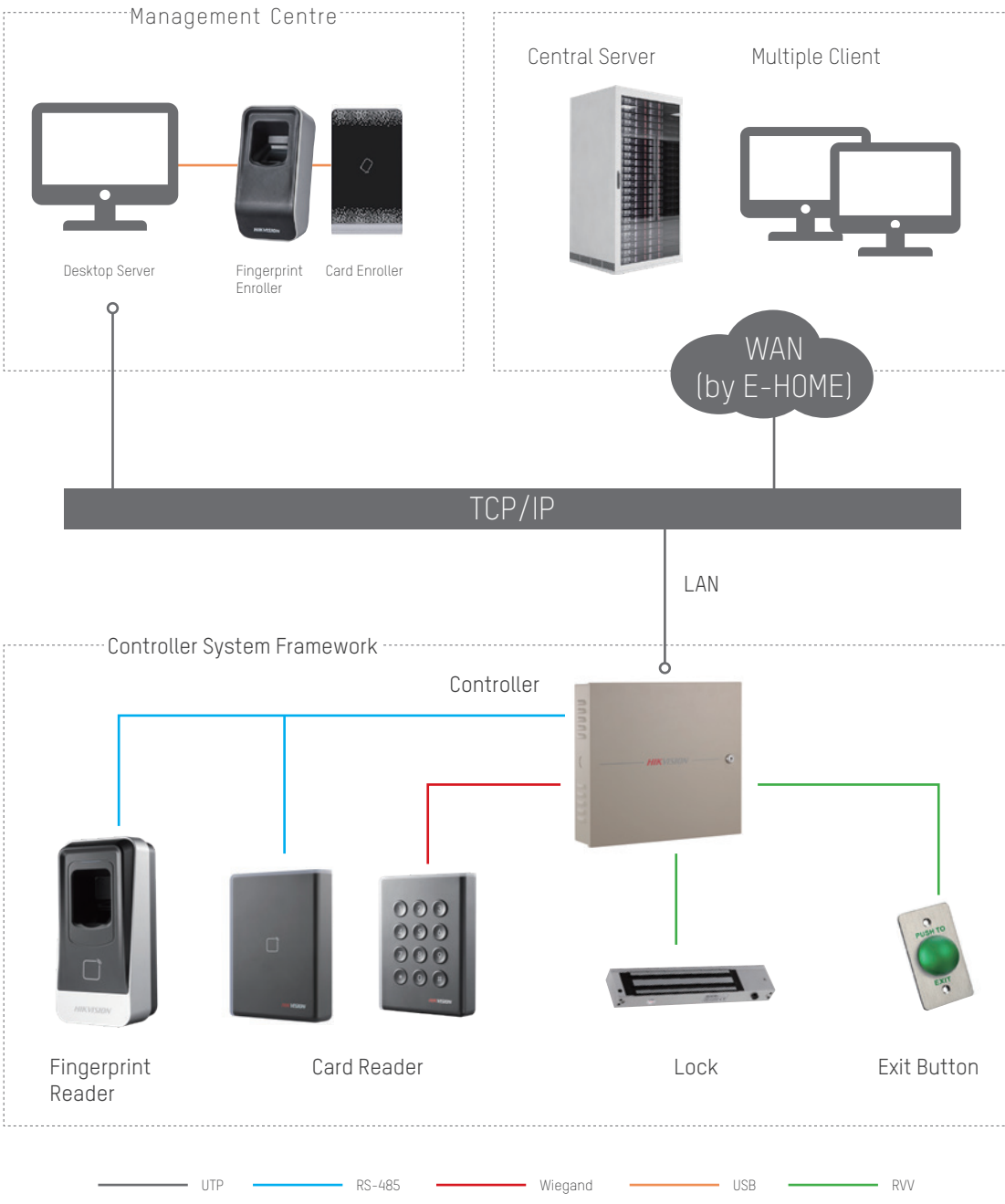
| Model               | DS-K1T105M/E(-C)  | DS-K1T801M/E  | DS-K1T802M/E  | DS-K1T500S   |
|---------------------|---|---|---|--|
| Image               | <br>Standalone Access Control Terminal | <br>Standalone Access Control Terminal | <br>Standalone Access Control Terminal | <br>Video Access Control Terminal |
| Power Supply        | 12V DC  | 12V DC  | 12V DC  | 12V DC   |
| Processor           | 32 Bit  | 32 Bit  | 32 Bit  | 32 Bit   |
| Storage             | Cards: 100,000<br>Events: 300,000   | Cards: 3,000  | Cards: 3,000<br>Events: 10,000  | Cards: 50,000<br>Events: 200,000   |
| Card Reading Mode   | EM Card (For E series)<br>MIFARE 1 card (For Mseries)   | EM Card (For E series)<br>MIFARE 1 card (For Mseries)   | EM Card (For E series)<br>MIFARE 1 card (For Mseries)   | MIFARE 1   |
| Communication Mode  | TCP/IP, Wi-Fi, RS485, Wiegand   | -   | TCP/IP  | TCP/IP, WIFI, RS-485, Wiegand  |
| LCD Screen          | 320×240 LCD-TFT Display Screen  | -   | 128×64 STN Screen   | -  |
| Camera              | 2 MP (for -C series)  | -   | -   | 2 MP, Video Recording  |
| Input Interface     | Doorbell × 1, Tamper Alarm × 1,<br>Exit Button × 1,<br>Door Sensor × 1, Alarm Input × 2                                 | Exit Button × 1,<br>Door Sensor × 1   | Exit Button × 1,<br>Door Sensor × 1   | Doorbell Button × 1, Door Sensor × 1,<br>Alarm Input × 2, Exit Button × 1,<br>Tamper × 1                             |
| Output Interface    | Lock Relay × 1, Alarm Output × 1  | Doorbell × 1,<br>Lock Relay × 1   | Doorbell × 1,<br>Lock Relay × 1   | Lock × 1, Alarm Output (Doorbell) × 1  |
| LED Indicator       | Power / Status  | Power / Status  | Power / Status  | Power / Status   |
| Working Temperature | -20°C to 65°C<br>(-4°F to 149°F)  | -20°C to 65°C<br>(-4°F to 149°F)  | -20°C to 65°C<br>(-4°F to 149°F)  | -40°C to 60°C (-40° F to 140° F)"  |
| Working Humidity    | 10% to 90% (Non-Condensing)   | 10% to 90% (Non-Condensing)   | 10% to 90% (Non-Condensing)   | 10% to 90% (Non-Condensing)  |
| Dimension           | 122 mm × 82 mm × 23 mm<br>(4.8" × 3.2" × 0.9")  | 126.5mm × 94.5mm × 24mm<br>(4.98" × 3.72" × 0.94")  | 126.5mm × 94.5mm × 24mm<br>(4.98" × 3.72" × 0.94")  | 218mm × 78mm × 41mm (8.58" × 3.07" × 1.61")  |



IP65



# Take control of security, take control of your life Access Controller

- Multi-door control
- Back up battery (K2600 )
- 3rd-party Wiegand reader accessible
- Supports interlock, anti-passback, and advanced access control functions
- Supports zone alarm input and 3rd-party fire alarm linkage
- Data is stored locally in the event of sudden power outage
- WAN connection by E-Home protocol, multiple location management



| Model                            | DS-K2601/02/04  | DS-K2801/02/04   |
|----------------------------------|---|--|
| Image                            | <br>K2600 Series Access Controller | <br>K2800 Series Access Controller |
| Working Voltage                  | 12V DC  | 12V DC   |
| Input voltage                    | 100V-240V AC  | 100V-240V AC   |
| Power Consumption                | ≤4W (without load)  | ≤3.5W (without load)   |
| Processor                        | 32 Bit  | 32 Bit   |
| Uplink Communication Interface   | TCP/IP & RS485  | TCP/IP   |
| Downlink Communication Interface | RS485 & Wiegand   | Wiegand  |
| Storage                          | Cards:100,000<br>Events:300,000   | Cards:10,000<br>Events:50,000  |
| LED Indicator                    | Power Supply Status,<br>Communication Status,<br>Working Status   | Power Supply Status,<br>Communication Status,<br>Working Status  |
| Built-in Clock                   | Yes   | Yes  |
| Accessible Card Reader           | RS485 Reader: 2/4/8<br>Wiegand Reader: 2/4/4  | Wiegand Reader: 2/4/4  |
| Input Interface                  | Alarm Input: 4/4/4<br>Case Input: 2/4/8<br>Door Sensor: 1/2/4<br>Exit Button: 1/2/4                                 | Case Input: 1/2/4<br>Door Sensor: 1/2/4<br>Exit Button: 1/2/4  |
| Output Interface                 | Lock Relay: 1/2/4<br>Alarm Output: 2/4/4  | Lock Relay: 1/2/4<br>Alarm Output: 1/2/4   |
| Operating Temperature            | -20°C to +65°C<br>(-4°F to +149°F)  | -20°C to +65°C<br>(-4°F to +149°F)   |
| Working Humidity                 | 10% to 90%<br>(Non-Condensing)  | 10% to 90%<br>(Non-Condensing)   |
| Dimensions (L×W×H)               | 370 mm × 345 mm × 90 mm<br>(14.6" × 13.6" × 3.5")   | 285 mm × 237 mm × 69 mm<br>(11.22" × 9.33" × 2.72")  |







## Multiple verification methods for security professionals


# Access Control Reader

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

| Model                 | DS-K1104M/MK  | DS-K1107M/MK/E/EK   |
|-----------------------|---|---|
| Image                 | <br>K1100 Series Card Reader | <br>K1100 Series Card Reader |
| Reading Frequency     | 13.56 MHz   | 125 KHz(For E Series)/13.56 MHz(For M Series)   |
| Reading Range         | ≤50 mm (≤1.97")   | EM Card: ≤100 mm (≤3.94")<br>MIFARE 1 Card: ≤50 mm (≤1.97")   |
| Shell Material        | PC & Zinc-Alloy   | PC+ABS  |
| Communication Mode    | RS485/Wiegand   | RS485/Wiegand   |
| ID Settings           | Via DIP Switch  | Via DIP Switch  |
| Audio Alert           | Beeper  | Beeper  |
| Power                 | 12V DC  | 12V DC  |
| Power Consumption     | ≤2 W  | ≤2 W  |
| LED Indicator         | Power Indicator; Status LED Indicator   | Power Indicator; Status LED Indicator   |
| Operating Temperature | -20°C to +65°C<br>(-4°F to 149°F)   | -20°C to +65°C<br>(-4°F to 149°F)   |
| Operating Humidity    | 10% to 90% (Non Condensing)   | 10% to 90% (Non Condensing)   |
| Protection Level      | IP 65   | IP 65   |
| Dimensions            | 118 mm × 70 mm × 23 mm<br>(4.65" × 2.99" × 0.91")   | 115 mm × 44 mm × 22 mm<br>(4.53" × 1.73" × 0.87")   |
| Installing Method     | Applied for 86 & 120 Gang Box   | Wall mounting with screws.<br>The Gang Box is not supported   |



| Model                 | DS-K1108M/MK/E/EK   | DS-K1101M/MK   | DS-K1102E/M/EK/MK   | DS-K1103M/MK  |
|-----------------------|---|--|---|---|
| Image                 |  <p>K1100 Series Card Reader</p> |  <p>K1100 Series Card Reader</p> |  <p>K1100 Series Card Reader</p> |  <p>K1100 Series Card Reader</p> |
| Reading Frequency     | 125 KHz(For E Series)/13.56 MHz(For M Series)   | 13.56 MHz  | 125 KHz(For E Series)/<br>13.56 MHz(For M Series)   | 13.56 MHz   |
| Reading Range         | EM Card: ≤100 mm [≤3.94"]<br>MIFARE 1 Card: ≤50 mm [≤1.97"]   | ≤50 mm [≤1.97"]  | EM Card: ≤100 mm [≤3.94"]<br>MIFARE 1 Card: ≤50 mm [≤1.97"]   | ≤50 mm [≤1.97"]   |
| Shell Material        | PC+ABS  | PC+ABS   | PC+ABS  | PC+ABS  |
| Communication Mode    | RS485/Wiegand   | RS485/Wiegand  | RS485/Wiegand   | RS485/Wiegand   |
| ID Settings           | Via DIP Switch  | Via DIP Switch   | Via DIP Switch  | Via DIP Switch  |
| Audio Alert           | Beeper  | Beeper   | Beeper  | Beeper  |
| Power                 | 12V DC  | 12V DC   | 12V DC  | 12V DC  |
| Power Consumption     | ≤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   |
| Operating Temperature | -20°C to +65°C<br>[-4°F to 149°F]   | -20°C to +65°C<br>[-4°F to 149°F]  | -20°C to +65°C<br>[-4°F to 149°F]   | -20°C to +65°C<br>[-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)   |
| Protection Level      | IP65  | IP54   | IP54  | IP54  |
| Dimensions            | 123 mm × 88 mm × 21 mm<br>(4.53" × 3.46" × 0.83")   | 132.0mm × 92.3mm × 20.5mm<br>(5.20" × 3.63" × 0.81")   | 121mm × 86.5mm × 14mm<br>(4.76" × 3.41" × 0.55")  | 129mm × 76mm × 14.7mm<br>(5.08" × 2.99" × 0.58")  |
| Installing Method     | Wall Mounting with Screws; 86 & 120 Gang Box  | Applied for 120 Gang Box Only  | Applied for 86/120 Gang Box Only  | Applied for 120 Gang Box Only   |

|                              |   |
|------------------------------|---|
| <b>Model</b>                 | DS-K1201MF/EF   |
| <b>Image</b>                 | <br>Fingerprint Reader |
| <b>Reading Frequency</b>     | 125 KHz (For E Series) / 13.56 MHz (For M Series)   |
| <b>Reading Range</b>         | EM Card: ≤100 mm (≤3.94")<br>MIFARE 1 Card: ≤50 mm (≤1.97")   |
| <b>FP Module</b>             | Optional Fingerprint Module   |
| <b>FP Capacity</b>           | 5,000   |
| <b>Comparison Time</b>       | 1:1 ≤ 1s; 1:3000 ≤ 1.5s   |
| <b>Shell Material</b>        | PC+ABS  |
| <b>Communication Mode</b>    | RS-485  |
| <b>ID Settings</b>           | Via DIP Switch  |
| <b>Audio Alert</b>           | Beeper  |
| <b>Power</b>                 | 12V DC  |
| <b>Power Consumption</b>     | ≤6 W  |
| <b>LED Indicator</b>         | Power Indicator; Status LED Indicator   |
| <b>Operating Temperature</b> | -20°C to +65°C<br>(-4°F to 149°F)   |
| <b>Operating Humidity</b>    | 10% to 90% (No Condensing)  |
| <b>Protection Level</b>      | IP65  |
| <b>Dimensions</b>            | 62mm × 132mm × 44mm<br>(2.44" × 5.20" × 1.73")  |
| <b>Installing Method</b>     | Surface Mounting  |


|                              |  |  |
|------------------------------|--|--|
| <b>Model</b>                 | DS-K1801M/MK/E/EK  | DS-K1802M/MK/E/EK <span style="color: red; font-weight: bold;">HOT</span>                                  |
| <b>Image</b>                 | <br>Wiegand Card Reader | <br>Wiegand Card Reader |
| <b>Reading Frequency</b>     | 125 KHz (For E Series) / 13.56 MHz (For M Series)  | 125 KHz (For E Series) / 13.56 MHz (For M Series)  |
| <b>Reading Range</b>         | EM Card: ≤100 mm (≤3.94")<br>MIFARE 1 Card: ≤50 mm (≤1.97")  | EM Card: ≤100 mm (≤3.94")<br>MIFARE 1 Card: ≤50 mm (≤1.97")  |
| <b>Shell Material</b>        | PC+ABS   | PC+ABS   |
| <b>Communication Mode</b>    | Wiegand  | Wiegand  |
| <b>Audio Alert</b>           | Beeper   | Beeper   |
| <b>Power</b>                 | 12V DC   | 12V DC   |
| <b>Power Consumption</b>     | ≤1.6 W   | ≤1.6 W   |
| <b>LED Indicator</b>         | Power Indicator; Status LED Indicator  | Power Indicator; Status LED Indicator  |
| <b>Operating Temperature</b> | -20°C to +65°C<br>(-4°F to 149°F)  | -20°C to +65°C<br>(-4°F to 149°F)  |
| <b>Operating Humidity</b>    | 10% to 90% (Non Condensing)  | 10% to 90% (Non Condensing)  |
| <b>Protection Level</b>      | IP65   | IP65   |
| <b>Dimensions</b>            | 87 mm × 87 mm × 13.3 mm<br>(3.43" × 3.43" × 0.52")   | 115.9mm×43.3mm×17mm<br>(4.56" × 1.70" × 0.67")   |
| <b>Installing Method</b>     | Wall Mounting with Screws; 86 Gang Box   | Wall Mounting with Screws; Do Not Support Gang Box   |


## Dual confirmation for smart buildings

# Elevator Controller, Card Enroller, and Lock

- Max. 128 Floors
- Fingerprint / card valid
- Button mode / Auto mode / Call elevator mode

| Model                            | DS-K2210  | DS-K2M0016A  |
|----------------------------------|---|--|
| Image                            | <br>Master Elevator Controller | <br>Distributed Elevator Controller |
| Working Voltage                  | 12V DC  | 12V DC   |
| Power Consumption                | ≤4W (without load)  | ≤2W (without load)   |
| Processor                        | High performance processor  | High performance processor   |
| Uplink Communication Interface   | TCP/IP  | RS-485   |
| Downlink Communication Interface | RS-485, Wiegand   | -  |
| Storage                          | 20,000 Cards and 50,000 Events  | -  |
| LED Indicator                    | Power status<br>Communication status<br>Working status  | Power Supply Status,<br>Communication Status,<br>Working Status  |
| Built-in Clock                   | Yes   | -  |
| Accessible Card Reader           | RS485 Reader: 2<br>Wiegand Reader: 2<br>Maximum 2 readers work at same time                                       | -  |
| Input Interface                  | 1 Panic Button;<br>1 Fire Alarm Button; 1 Maintenance Button<br>Case Input: 2                                     | Case Input: 2  |
| Output Interface                 | Relay Outputs: 5  | Lock Relay: 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)               | 167mm×105mm×30 mm<br>(6.57" x 4.13" x 1.18")  | 167mm×105mm×30 mm<br>(6.57" x 4.13" x 1.18")   |

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

|                               |  |
|-------------------------------|--|
| <b>Model</b>                  | DS-K1F100-D8E  |
| <b>Image</b>                  | <br>Card Enrollment Station |
| <b>Card Reading Frequency</b> | 13.56MHz and 125KHz  |
| <b>Card Type</b>              | Standard IC Card and ID<br>(EM) Card   |
| <b>Protocol</b>               | ISO 14443 Type A/B<br>Standard and ISO 7816<br>Standard  |
| <b>Interface</b>              | USB 2.0; Driver Free   |
| <b>LED Light</b>              | LED Indicator: Indicates<br>Power and the<br>Communication Status  |
| <b>Working Temperature</b>    | -20°C to 65°C<br>(4° F to 149° F)  |
| <b>Working Current</b>        | 5V DC, 200mA   |
| <b>Dimensions</b>             | 117mm×67.5mm×14.3mm<br>(4.6" × 2.7" × 0.6")  |
| <b>System</b>                 | Windows, WinXP, Win7<br>and Win 8  |




## Making it dafer in daily use





# Access Control Secure Module

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



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

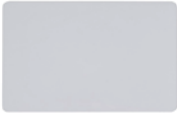
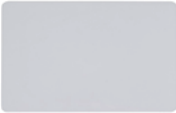
| Model                       | DS-K4T100  | DS-K4T100-U1  | DS-K4T100-U2   | DS-K4E100  | DS-K4T108  | DS-K4T108-U1  |
|-----------------------------|--|---|--|--|--|---|
| Image                       | <br>Electric Bolt | <br>Lower U-bracket of Electric Bolt, for using with DS-K4T100 | <br>Upper and lower U-bracket of Electric Bolt, for using with DS-K4T100 | <br>Electric Bolt | <br>Electric Bolt | <br>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                                      | -   | -  | -  | -  | -   |
| Secure                      | Power Off for Unlocking  | -   | -  | Power On for Unlocking   | Power Off for Unlocking  | -   |
| Dimension of Plate (L×W×H)  | 205×35×40mm<br>(8.07×1.38×1.57")   | -   | -  | 130mm × 100mm × 44mm<br>(5.12" × 3.94" × 1.73")  | 205mm × 34mm × 42mm<br>(8.1" × 1.3" × 1.7")  | -   |
| Working Voltage             | 12VDC  | -   | -  | 12VDC  | 12VDC  | -   |
| Working Current             | 900mA (Startup Current) 100mA (Standby)  | -   | -  | 350mA  | ≤1.2A (Startup Current) 0.2A (Standby)   | -   |
| Magnetic Induction Distance | 8mm (0.31")  | -   | -  | 20mm   | -  | -   |
| Dimension of Strike (L×W×H) | 90×25×2mm<br>(3.54×0.98×0.07")   | -   | -  | 130mm × 100mm × 61.25mm<br>(5.12" × 3.94" × 2.41")   | -  | -   |
| Dimension of Body           | -  | 93mm × 50mm × 30mm<br>(3.66" × 1.97" × 1.18")   | 205mm × 58mm × 46mm<br>(8.07" × 2.28" × 1.81")   | -  | -  | 70mm × 44mm × 24.5mm<br>(2.8" × 1.73" × 1.0")   |
| Lock Body/Material          | Eco-friendly Zinc Electroplating Operated  | Aluminum alloy  | Aluminum alloy   | Stainless steel  | -  | aluminum alloy  |
| Shell/Strike                | Eco-friendly Zinc Electroplating Operated  | -   | -  | Stainless steel  | Hard Anodizing Electroplating Operated   | -   |
| Lifetime                    | 500,000 Times of Locking Operation   | -   | -  | 500,000 Times of Locking Operation   | -  | -   |
| Suitable Doors              | Wooden Door, Glass Door, Metal Door, Fireproof Door  | Fully frameless glass door, thickness of the glass between 10-15mm (0.39-0.59")   | Fully frameless glass door, thickness of the glass between 10-15mm (0.39-0.59")  | Wooden Door, and Metal Door  | Wooden Door, Glass Door, Metal Door  | Lower edge frameless glass door with a space of more than 5mm between the leaf and frame  |
| Signal Output               | Signal Output NC, COM Contact of Door-status   | -   | -  | Signal Output NO, NC, COM Contact of Door-status   | Signal Output NC, COM Contact of Door-status   | -   |
| Working Humidity            | 0 to 95% (relative humidity)   | 0 to 95% (relative humidity)  | 0 to 95% (relative humidity)   | 0 to 95% (relative humidity)   | 0 to 95% (relative humidity)   | 0 to 95% (relative humidity)  |
| Working Temperature         | -10° C to 55° C (14° F to 131° F)  | -10° C to 55° C (14° F to 131° F)   | -10° C to 55° C (14° F to 131° F)  | -20° C to 55° C (4° 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 (3.20 lb)  | 0.74 kg (1.62 lb)  | 0.15 kg (0.33 lb)   |

| Model                         | DS-K4H250S   | DS-K4H250D   | DS-K4H450D   | DS-K4H250-LZ   | DS-K4H250-U   | DS-K4H450-LZ   |
|-------------------------------|--|--|--|--|---|--|
| Image                         | <br>Single-door Magnetic Lock     | <br>Double-door Magnetic Lock     | <br>Double-door Magnetic Lock    | <br>LZ-Bracket of Magnetic Lock, for DS-K4H250S/D | <br>U-Bracket of Magnetic Lock, for DS-K4H250S/D | <br>LZ-Bracket of Magnetic Lock, for DS-K4H450D |
| Maximum Thrust                | 300kg Linear Thrust  | 300kg×2 Linear Thrust  | 500 kg (1200 Lbs) × 2  | -  | -   | -  |
| Secure                        | Power Off for Unlocking  | Power Off for Unlocking  | Power Off for Unlocking  | -  | -   | -  |
| Working Voltage               | 12V DC /24VDC  | 12V DC /24VDC  | 12V DC /24VDC  | -  | -   | -  |
| Working Current               | 12V/500mA 24V/250mA  | 12V/500mA×2 24V/250mA×2  | 12V/420 mA×2 24V/210mA×2   | -  | -   | -  |
| Dimension of Body             | 240×49×25.5mm (9.45×1.93×1.00")  | 480×49×25.5mm (18.9×1.93×1.00")  | 530 mm × 71.8 mm × 38.8 mm (20.87" × 2.83" × 1.53")  | -  | -   | -  |
| Dimension of Armature Plate   | 180×38×11mm (7.1×1.5×0.4")   | 180×38×11mm (7.1×1.5×0.4")   | 185 mm × 60 mm × 13 mm (7.28" × 2.36" × 0.51")   | -  | -   | -  |
| dimension(L×W×H) of L-bracket | -  | -  | -  | 250×47×28.5mm (9.84×1.85×1.12")  | -   | 265 mm × 72 mm × 45.2 mm (10.43" × 2.83" × 1.78")  |
| dimension(L×W×H) of Z-bracket | -  | -  | -  | 180×50×50mm (7.09×1.97×1.97") (ABK-280ZL)  | -   | 185 mm × 70 mm × 61 mm (7.28" × 2.76" × 2.40")   |
| dimension(L×W×H) of U-bracket | -  | -  | -  | -  | 180×40×28mm (7.09×1.57×1.10")   | -  |
| Lock Body/Material            | 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   | High Strength Aluminum 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  | Anodized aluminum  |
| Armature Plate                | 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)  | -  | -   | -  |
| 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  | 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 15mm  | Wooden Door, Metal Door, Narrow Trim Door  |
| 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 | -  | -   | -  |
| 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                        | 2.1kg (4.63lb)   | 4.2kg (9.3lb)  | 9kg (19.8lb)   | 0.75kg (1.58lb)  | 0.32kg (0.70lb)   | 1.3 kg (2.87lb)  |

| Model                         | DS-K4H258S   | DS-K4H258D  | DS-K4H258-LZ   | DS-K4H258D-LZ  | DS-K4H258-U   |
|-------------------------------|--|---|--|--|---|
| Image                         | <br>Single-door Magnetic Lock | <br>Double-door Magnetic Lock | <br>LZ-Bracket of Magnetic Lock, for DS-K4H258S | <br>LZ-Bracket of Magnetic Lock, for DS-K4H258D | <br>U-Bracket of Magnetic Lock, for DS-K4H258S/D |
| Maximum Thrust                | 280kg Linear Thrust  | 280kg×2 Linear Thrust   | -  | -  | -   |
| Secure                        | Power Off for Unlocking  | Power Off for Unlocking   | -  | -  | -   |
| Working Voltage               | 12V DC   | 12V DC  | -  | -  | -   |
| Working Current               | 340mA  | 340mA×2   | -  | -  | -   |
| Dimension of Body             | 238mm × 45mm × 25mm (9.4" × 1.8" × 1.0")   | 500mm × 45mm × 25mm (19.7" × 1.8" × 1.0")   | -  | -  | -   |
| Dimension of Armature Plate   | 182mm × 38mm × 12.5mm (7.2" × 1.5" × 0.5")   | 182mm × 38mm × 12.5mm (7.2" × 1.5" × 0.5")  | -  | -  | -   |
| dimension(L×W×H) of L-bracket | -  | -   | 238mm × 30mm × 47mm<br>(9.4" × 1.2" × 1.9")  | 500mm × 30mm × 47mm<br>(19.7" × 1.2" × 1.9")   | -   |
| dimension(L×W×H) of Z-bracket | -  | -   | 185mm × 44mm × 100mm<br>(7.3" × 1.7" × 3.9")   | 185mm × 44mm × 50mm<br>(7.3" × 1.7" × 1.97")   | -   |
| dimension(L×W×H) of U-bracket | -  | -   | -  | -  | 185mm × 28mm × 45mm<br>(7.3" × 1.1" × 1.8")   |
| Lock Body/Material            | Eco-friendly Zinc Electroplating Operated  | Eco-friendly Zinc Electroplating Operated   | Aldural material with the surface sandblast  | 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  |
| Armature Plate                | 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)   | -  | -  | -   |
| Suitable Doors                | 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 15mm  |
| Signal Output                 | Dry Contact Signal Output, NO Output While Locking and NC Output While Unlocking                               | 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% (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)   |
| Weight                        | 2.1kg (4.63lb)   | 4.2kg (9.3lb)   | 0.77kg (1.7lb)   | 1.05g (2.31lb)   | 0.4kg (0.88lb)  |



| Model               | DS-K7P01   | DS-K7P02   | DS-K7P03  | DS-K7P04   | DS-K7P05   | DS-K7P06   | DS-K7PEB(Red or Green)   |
|---------------------|--|--|---|--|--|--|--|
| Image               | <br>Exit Button | <br>Exit Button | <br>Exit Button | <br>Exit Button | <br>Exit Button | <br>Exit Button | <br>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  | Stainless steel Panel  | 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      | Max 3A@36V DC  | Max 3A@36V DC  | 1A@30V DC,<br>0.5A@125V AC  | 1A@30V DC,<br>0.5A@125V AC   | Max 3A@36V DC  | Max 3A@36V DC  | Max 3A@36V DC  |
| 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)  | 86mm × 86mm × 28.9mm<br>(3.39" × 3.39" × 1.14")  | 90mm × 35mm × 28.9mm<br>(3.54" × 1.38" × 1.14")  | 86mm × 86mm × 25.7mm<br>(3.39" × 3.39" × 1.01")   | 90mm × 35mm × 37.7mm<br>(3.54" × 1.38" × 1.48")  | 86mm × 50mm × 44mm<br>(3.39" × 1.97" × 1.73")  | 87.7mm × 87.7mm × 44mm<br>(3.46"×3.46"×2.13")  | 86mm × 86mm × 50mm<br>(3.39" × 3.39" × 1.97")  |
| Weight              | 0.25kg (0.55lb)  | 0.20kg (0.44lb)  | 0.15kg (0.33lb)   | 0.12kg (0.26lb)  | 0.14kg (0.31lb)  | 0.23kg (0.51lb)  | 0.20kg (0.44lb)  |

| Model                     | DS-KEM125  | IC S50   | S50-TK4100  | FM11RF08-M1  | DS-K7M102-M  |
|---------------------------|--|--|---|--|--|
| Image                     | <br>ID Card | <br>IC Card                     | <br>IC + ID Card | <br>IC Card | <br>NEW                       |
| Standard                  | -  | ISO/IEC 14443A   | ISO14443 Type A<br>ISO/IEC 7816-5   | ISO/IEC 14443  | ISO14443A  |
| Sensing Frequency         | 125KHz +/- 6KHz  | 13.56 MHz  | 13.56 MHz<br>125KHZ   | 13.56 MHz  | 13.56 MHz  |
| Data Format               | EM-4100  | -  | -   | -  | -  |
| Memory Capacity           | 64 bit   | -  | -   | -  | -  |
| Function                  | Read   | Read and Write   | Read and Write  | Read and Write   | Read and Write   |
| Data Transmission Speed   | -  | 106 k bit/s  | -   | 106 k bit/s  | 106 Kbps   |
| Sensing Distance          | ≤15cm  | ≤10cm  | ≤10cm   | ≤10cm  | ≤4 cm  |
| Data Integrity Protection | -  | 16 bit CRC, odd-even check, encoding and counting by bit   | -   | -  | -  |
| EEPROM                    | -  | 1K Byte (16 zones, 4 sections per zone, 16 bytes per section)<br>10 years data storage<br>≥100,000 writing times | 1K Byte<br>10 years data storage<br>≥100,000 writing times  | 1K Byte<br>10 years data storage<br>≥100,000 writing times                                     | 1K Byte (16 zones, 4 sections per zone, 16 bytes per section)<br>10 years data storage<br>≥100,000 writing times |
| Temperature               | -20 °C ~ + 75 °C   | - 20°C ~ +55°C   | -20°C ~ +55°C   | -20°C ~ +55°C  | -10° C to 50° C (14° F to 122° F)  |
| Material                  | PVC  | PVC  | PVC   | PVC  | PVC, AB glue   |
| Colour                    | White  | White  | White   | White  | White and Red  |
| Dimension                 | 85.5mm × 54mm × 0.8mm  | 85.5mm × 54mm × 0.8mm  | 85.5mm × 54mm × 0.8mm   | 85.5mm × 54mm × 0.8mm  | 26 mm × 50 mm × 4 mm (1.02" × 1.97" × 0.16")   |



# Security Alarm

- Security Radar
- Hikvision Intrusion
- Pyronix Intrusion
- Emergency Alarm
- Perimeter Protection






## Powerful radar, now at your service

# Security Radar

Hikvision Security Radar uses cutting-edge Hikvision technology to accurately pinpoint the location and motion trail of up to 32 potential intruders per radar, even in the harshest weather conditions. Radar solution is perfect for locations that require high security level and stable detection, such as ports, airports and large open industrial areas.

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

|                              |   |   |
|------------------------------|---|---|
| <b>Model</b>                 | DS-PR1-60   | <b>NEW HOT</b>  |
| <b>Image</b>                 |  | <ol style="list-style-type: none"> <li>1. IP67, IK09, 24/7 all-weather</li> <li>2. Links to up to 4 speed dome cameras</li> </ol> |
| <b>Detection range</b>       | 60m   |   |
| <b>Horizontal angle</b>      | 100°  |   |
| <b>Coverage</b>              | 3000m <sup>2</sup>  |   |
| <b>Max.target number</b>     | 32  |   |
| <b>Frequency</b>             | 24 GHz  |   |
| <b>Network protocol</b>      | HTTP, DNS, NTP, TCP, UDP, DHCP, ARP,SSH   |   |
| <b>Zone</b>                  | 8   |   |
| <b>Relay output</b>          | 3   |   |
| <b>Power supply</b>          | PoE or 12 VDC   |   |
| <b>Consumption</b>           | 6W  |   |
| <b>Operation temperature</b> | -40 °C to 65 °C [-40 °F to 149 °F]  |   |
| <b>Operation humidity</b>    | 10% to 90%  |   |
| <b>Protection level</b>      | IP67, IK09  |   |
| <b>Installation</b>          | Installation height:1.2 m to 4 m [4.72 to 15.7 "] [Recommended: 2.5 m [9.84]]       |   |
| <b>weight</b>                | 1.84kg  |   |
| <b>Dimension</b>             | 206 mm × 228 mm × 61 mm [8.11" ×8.98" × 2.40"]                                      |   |

|                            |   |   |   |   |   |
|----------------------------|---|---|---|---|---|
| <b>Model</b>               | DS-PRB-1110   | DS-PRB-1200   | DS-PRB-1310   | DS-PRB-2200   | DS-PRB-1120   |
|                            | <b>NEW HOT</b>  | <b>NEW HOT</b>  | <b>NEW HOT</b>  | <b>NEW HOT</b>  | <b>NEW HOT</b>  |
| <b>Image</b>               |  |  |  |  |  |
|                            | Radar Bracket   | Radar Bracket   | Radar Bracket   | Radar Bracket   | Radar Bracket   |
| <b>Installation Method</b> | Wall Bracket  | Hooping Bracket   | Hooping with Wallbracket  | PTZ-Radar Linkage Hooping Bracket   | Auxiliary Bracket   |

## Flexible application, comprehensive protection Intrusion Series

Hikvision Alarm offers intruder alarm solutions which combine a deep customer understanding with world-leading 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



### ▼ Hikvision Wired Panel

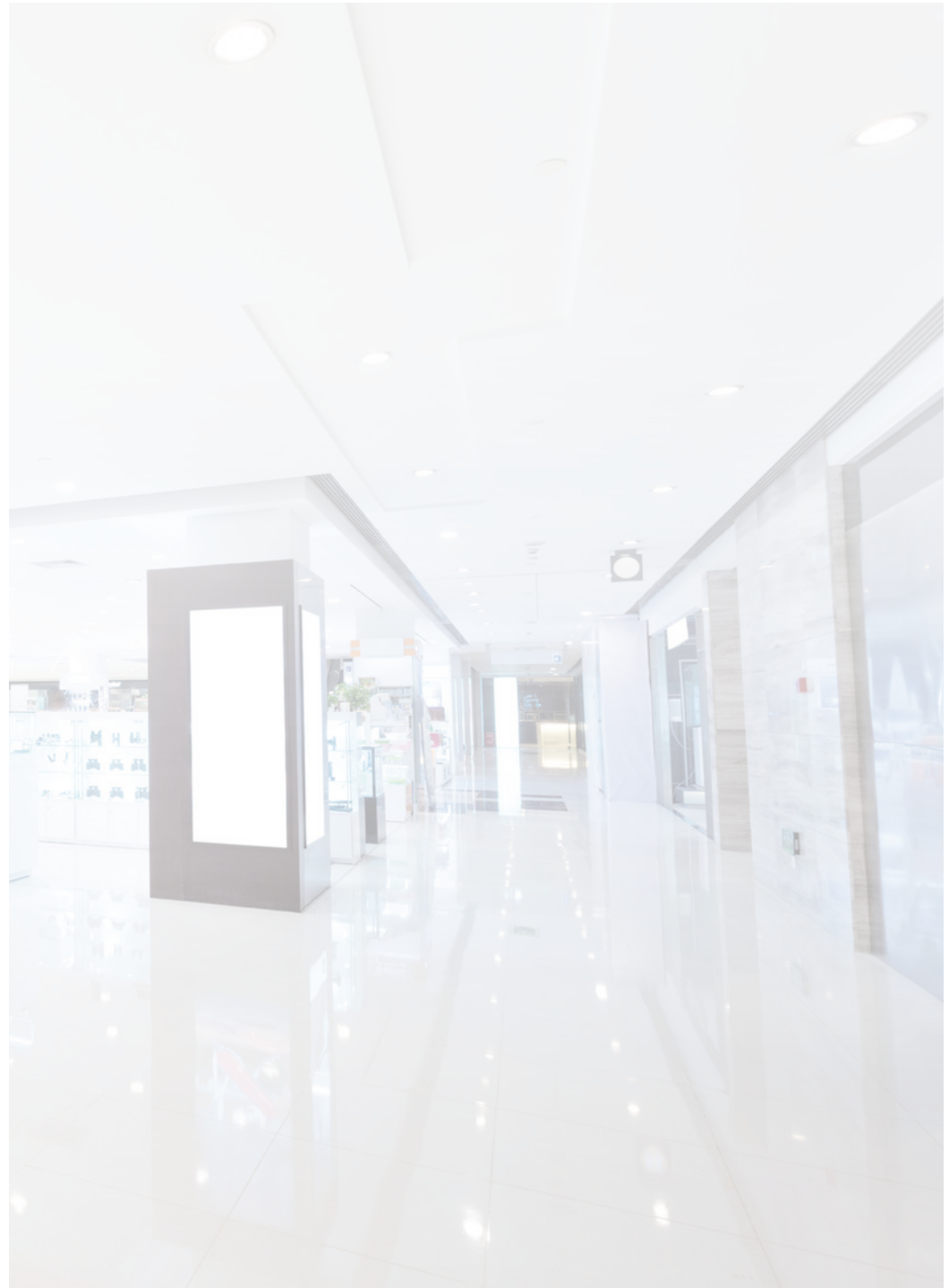
| Model                            | DS-19A08-01BN   | DS-19A08-01BNG  | DS-19A08-BN   |
|----------------------------------|---|---|---|
| Image                            |  |  |  |
|                                  | Up to 256 inputs, 256 outputs   | Up to 256 inputs, 256 outputs   | Up to 48 inputs, 48 outputs   |
| Alarm Input                      | 8 inputs onboard expandable to 256  | 8 inputs onboard expandable to 256  | 8 inputs onboard expandable to 48   |
| Alarm Output                     | 4 outputs onboard and expandable to 256   | 4 outputs onboard and expandable to 256   | 4 outputs onboard and expandable to 48  |
| Siren Power Supply               | 12V DC /750 mA  | 12V DC /750 mA  | 12V DC /750mA   |
| PSTN                             | Support   | Support   | Support   |
| Supported Keypads (LCD)          | 32  | 32  | 32  |
| Tamper-proof Switch              | 1, Support Tampering Alarm  | 1, Support Tampering Alarm  | 1, Support Tampering Alarm  |
| Partitions                       | 8 Partitions, 1 Public Partition  | 8 Partitions, 1 Public Partition  | 8 Partitions, 1 Public Partition  |
| SMS Alarm-Report Push            | -   | Support   | -   |
| Arming/Disarming via SMS Command | -   | Support   | -   |
| Cellular Network                 | -   | GPRS  | -   |
| SIM Card Slot                    | -   | 1   | -   |
| Network Interface                | 1 RJ-45; 10M/100M Self-adaptive   | 1 RJ-45; 10M/100M Self-adaptive   | 1 RJ45, 10M/100M Self-adaptive  |
| Keypad Interface                 | 1, RS-485 Half-duplex   | 1, RS-485 Half-duplex   | 1, RS485 Half-duplex  |
| Port for accumulator             | 1, 12V DC/7Ah   | 1, 12V DC/7Ah   | 1, 12V DC/7Ah   |
| Consumption                      | ≤ 60W (Load Power ≤ 40W)  | ≤ 60W (Load Power ≤ 40W)  | ≤40W(Load Powers≤40W)   |
| Working Temperature              | -10°C - + 55°C  | -10°C - + 55°C  | -10°C - + 55°C  |
| Working Humidity                 | 10% - 90%   | 10% - 90%   | 10% - 90%   |
| Installation Mode                | Wall-mounting   | Wall-mounting   | Wall-mounting   |
| Dimensions (L x W x H) (mm)      | 370 × 320 × 86  | 370 × 320 × 86  | 370 × 320 × 86  |
| Weight                           | < 3.5kg   | < 3.5kg   | < 3.5kg   |

| Model  | DS-PS0808N-SGLT  | DS-19S16N-04S4PGM  | DS-19S16T-04S   |
|--|--|--|---|
|  | Coming Soon  | Coming Soon  | Coming Soon   |
| Image  |   |                               |    |
|  | Up to 48 inputs, 48 outputs  | Up to 48 inputs, 48 outputs  | Up to 48 inputs, 48 outputs   |
| Alarm Input  | 8 Onboard Alarm Input + 8 Zones Expandable, 16 Zones Wireless Alarm Input  | 16 Onboard Alarm Input   | 16 Onboard Alarm Input  |
| Alarm Output   | Local 1-ch + 12-ch Expandable  | Local 4-ch + 12-ch expandable  | Local 4-ch + 12-ch expandable   |
| Siren Power Supply                                     | 12V DC/500 mA  | 12V DC/500 mA  | 12V DC/7500 mA  |
| Supported Keypad                                       | 9  | 16   | 16  |
| Tamper-proof Switch                                    | 1, support tamper-proof alarm  | 1, support tamper-proof alarm  | 1, support tamper-proof alarm   |
| Partitions   | 8 partitions, 1 public partition   | 8 partitions, 1 public partition   | 8 partitions, 1 public partition  |
| SMS Alarm-report Push Arming/Disarming via SMS Command | Support  | Support  | Support   |
| UIM Card Slot  | 1  | 1  | 1   |
| Mobile Client  | Support Alarm Notification, Live View & Playback, PTZ Control, Arming/Disarming, Status Enquiry, Video & Picture Recheck and Device operations | Support alarm-report push, live view & playback, remote arming/disarming, alarm clearing and device operations | Support Alarm Notification Live View & Playback, PTZ Control, Arming/Disarming, Status Enquiry, Video & Picture Recheck and Device Operations |
| Video Input  | 8-ch 720p or 4-ch 1080p  | 4-ch HD network camera   | 4 TVI/CVBS Video Input (Cannot be Mixing)   |
| HDMI Output Resolution                                 | 1-ch, resolution 1024×768/60Hz, 1280×720/60Hz, 1280×1024/60Hz, 1600×1200/60Hz, 1920×1080p/60Hz   | 1-ch, resolution 1024 × 768/60 Hz, 1280 × 720/60 Hz, 1280×1024/60 Hz, 1600 × 1200/60 Hz, 1920 × 1080p/60 Hz    | 1-ch, resolution 1024×768/60Hz, 1280×720/60Hz, 1280×1024/60Hz, 1600×1200/60Hz, 1920×1080p/60Hz  |
| Capture for Recheck                                    | 20 captures (10 captures before/after alarm), can be configured  | 20 captures (10 captures before/after alarm)   | 20 captures (10 captures before/after alarm)  |
| Record Type  | Manual record, scheduled record, motion detection record   | Manual record, scheduled record, motion detection record   | Manual record, scheduled record, motion detection record  |
| Playback Mode  | Instant Playback, Normal Playback, Event Playback  | Instant Playback, Normal Playback, Event Playback  | Instant Playback, Normal Playback, Event Playback   |
| Power Supply   | 100 - 240V AC, 47 - 63Hz   | 100 - 240V AC, 47 - 63Hz   | 100 - 240V AC, 47 - 63Hz  |
| Consumption  | ≤ 10W (Without HDD, Not for External Power Supply)   | ≤ 15W (Without HDD, Not for External Power Supply)   | ≤ 6W  |
| Working Temperature                                    | -10°C - + 55°C (14°F-131°F)  | -10°C - + 55°C (14°F-131°F)  | -10°C - + 55°C (14°F-131°F)   |
| Working Humidity                                       | 10% - 90% (Without Condensation)   | 10% - 90%  | 10% - 90%   |
| Installation Mode                                      | Wall-mounting  | Wall-mounting  | Wall-mounting   |
| Dimensions (L×W×H)                                     | 370 × 345 × 92.3 mm  | 370 × 345 × 92.3 mm  | 396 × 412 × 94 mm   |
| Weight   | ≤ 1.5kg (Without HDD and Battery)  | ≤ 1.5kg (Without HDD and Battery)  | ≤ 1.5kg (Without HDD and Battery)   |

| Model                            | DS-19A08-BNG  | DS-19A16-BN   | DS-19A16-BNG  |
|----------------------------------|---|---|---|
|                                  | NEW   |   |   |
| Image                            |  |  |  |
|                                  | Up to 48 inputs, 48 outputs   | Up to 48 inputs, 48 outputs   | Up to 48 inputs, 48 outputs   |
| Alarm Input                      | 8 inputs onboard expandable to 48   | 16 inputs onboard expandable to 48  | 16 inputs onboard expandable to 48  |
| Alarm Output                     | 4 outputs onboard and expandable to 48  | 4 outputs onboard and expandable to 48  | 4 outputs onboard and expandable to 48  |
| Siren Power Supply               | 12V DC /750mA   | 12V DC /750mA   | 12V DC /750mA   |
| PSTN                             | Support   | Support   | Support   |
| Supported Keypads (LCD)          | 32  | 32  | 32  |
| Tamper-proof Switch              | 1, Support tamper-proof function  | 1, Support tamper-proof function  | 1, Support tamper-proof function  |
| Partitions                       | 8 Partitions, 1 Public Partition  | 8 Partitions, 1 Public Partition  | 8 Partitions, 1 Public Partition  |
| SMS Alarm-Report Push            | Support   | -   | Support   |
| Arming/Disarming via SMS Command | Support   | -   | Support   |
| Cellular Network                 | GPRS  | -   | GPRS  |
| SIM Card Slot                    | 1   | -   | 1   |
| Network Interface                | 1 RJ45, 10M/100M Self-adaptive  | 1 RJ45, 10M/100M Self-adaptive  | 1 RJ45, 10M/100M Self-adaptive  |
| Keypad Interface                 | 1, RS485 Half-duplex  | 1, RS485 Half-duplex  | 1, RS485 Half-duplex  |
| Port for accumulator             | 1, 12V DC/7Ah   | 1, 12V DC/7Ah   | 1, 12V DC/7Ah   |
| Consumption                      | ≤40W (Load Power≤40W)   | ≤40W (Load Power≤40W)   | ≤40W (Load Power≤40W)   |
| Working Temperature              | -10°C - + 55°C  | -10°C - + 55°C  | -10°C - + 55°C  |
| Working Humidity                 | 10% - 90%   | 10% - 90%   | 10% - 90%   |
| Installation Mode                | Wall-mounting   | Wall-mounting   | Wall-mounting   |
| Dimensions (L x W x H) (mm)      | 370 × 320 × 86  | 370 × 320 × 86  | 370 × 320 × 86  |
| Weight                           | < 3.5kg   | < 3.5kg   | < 3.5kg   |

▼ Hikvision Wired Detector




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






| Model   | DS-PD2-P15E   | DS-PD2-P18CE  | DS-PD2-P12QE-C  | DS-PD2-D15E   | DS-PD2-D10PE  | DS-PD2-D15AME   |
|---|---|---|---|---|---|---|
| Image   | <br>Indoor PIR | <br>Indoor PIR | <br>Indoor PIR | <br>Indoor Dual-Tech | <br>Indoor Dual-Tech | <br>Indoor Dual-Tech |
| Detection Range                               | 15 m  | 18 m  | 12 m  | 15 m  | 10 m  | 15/18/30 m  |
| Detection Angle                               | 85°   | 20°   | 360°  | 85°   | 85°   | 85°   |
| Mounting Height (m)                           | 1.8-2.4   | 1.8-2.4   | 2.4-4   | 1.8-2.4   | 1.8-2.4   | 1.8-2.4   |
| Anti-masking                                  | -   | -   | -   | -   | -   | Support   |
| Anti Blocking                                 | -   | -   | -   | -   | -   | Support   |
| Animal Immunity (Kg)                          | -   | -   | -   | -   | Up to 24  | -   |
| Blue Wave Technology                          | Support   | Support   | -   | Support   | Support   | Support   |
| Automatic Sensitivity                         | Support   | Support   | Support   | Support   | Support   | Support   |
| Digital Temperature Compensation              | Support   | Support   | Support   | Support   | Support   | Support   |
| Separate Indication: Microwave, PIR And Alarm | -   | -   | -   | Support   | Support   | Support   |
| 3 Microwave Frequencies to Avoid Interference | -   | -   | -   | Support   | Support   | Support   |
| DEOL Resistors Onboard                        | Support   | Support   | Support   | Support   | Support   | Support   |
| Tamper Protection                             | Front   | Front   | Front   | Front   | Front   | Front and rear/Bracket  |
| Signal Strength Indicators (SSI)              | -   | -   | -   | -   | -   | -   |
| Dimensions (mm)                               | 117 x 69 x 50   | 117 x 69 x 50   | 94 x 24 x 33  | 117 x 69 x 50   | 117 x 69 x 50   | 117 x 69 x 50   |
| Optics  | Sealed optics   | Sealed optics   | Sealed optics   | Sealed optics   | Sealed optics   | Sealed optics   |
| Geometric lens configuration                  | 3D  | 3D  | 3D  | 3D  | 3D  | 3D  |
| Ceiling mounted bracket included              | YES   | YES   | -   | YES   | YES   | YES   |
| Wall mounted bracket included                 | YES   | YES   | -   | YES   | YES   | YES   |






| Model   | DS-PD2-T10AME-EH <span style="color: green;">NEW</span> <span style="color: red;">HOT</span> | DS-PD2-T12AME-EL <span style="color: red;">HOT</span>                             |
|---|--|---|
| Image   |             |  |
|   | Outdoor Dual-Tech  | Outdoor Dual-Tech   |
| Detection Range                                 | 10 m   | 12 m  |
| Detection Angle                                 | 90°  | 90°   |
| Mounting Height (m)                             | 1.8-2.4  | 1-1.5   |
| Anti-masking                                    | Support  | Support   |
| Anti Blocking                                   | Support  | Support   |
| Anti-Sway Analytics                             | -  | Support   |
| Animal Immunity (kg)                            | Up to 10   | Up to 24  |
| 3 Detection Logic: 2 PIR + mw                   | Support  | Support   |
| Automatic Sensitivity                           | Support  | Support   |
| IFT Technology                                  | Support  | Support   |
| Digital temperature compensation                | Support  | Support   |
| Separate indication: microwave, infrared, alarm | Support  | Support   |
| Blue Wave Technology                            | Support  | Support   |
| DE0L Onboard                                    | Support  | Support   |
| Tamper Protection                               | Front and rear/Bracket   | Front and rear/Bracket  |
| Intergrated Walk Test Buzzer                    | Support  | Support   |
| Optics  | Sealed   | Sealed  |
| Weatherproof                                    | IP55 rated   | IP55 rated  |
| Physical dimensions (H x W x D) (mm)            | 188 x 77 x 84  | 188 x 77 x 84   |
| Microwave Frequency                             | 10.515, 10.525, 10.535GHz  | 10.515, 10.525, 10.535GHz   |




| Model                      | DS-PD1-EB <span style="color: green;">NEW</span>                                    | DS-PD1-EB-PF <span style="color: green;">NEW</span>                                 |
|----------------------------|---|---|
| Image                      |  |  |
|                            | Panic Button  | Treadle Panic Button  |
| Shell Material             | Flame Retardant ABS   | Metal   |
| Contact Mode               | NO/NC   | NO/NC   |
| Dimension (L x W x H) (mm) | 375 x 375 x 27  | 333 x 88 x 145  |
| Capacity                   | 250 VDC/300mA   | 250 VDC/300mA   |
| Model                      | DS-PD1-BG9  |   |
| Image                      |  |   |
|                            | Break-Glass Detector  |   |
| Operation Voltage          | DC 9-16V  |   |
| Quiescent Current          | ≤15mA (12 VDC)  |   |
| Alarm Current              | ≤25mA   |   |
| Detection Range            | High sensitivity:9m, Low sensitivity:5m   |   |
| Test Time                  | ≤60s  |   |
| Operating Temperature      | -10°C - +80°C   |   |
| Relay Output               | NC, contact rating 28 VDC, 80mA   |   |
| Tamper Switch              | NC, contact rating 28 VDC, 100mA  |   |
| Dimension(L x W x H) (mm)  | 92 x 67 x 26.4  |   |
| Weight (g)                 | 100   |   |


| Model                     | DS-PD1-MC-MS   | DS-PD1-MC-RS  |
|---------------------------|--|---|
| Image                     |  <b>NEW HOT</b> |  <b>NEW</b> |
|                           | Magnetic Contact   | Magnetic Contact  |
| Shell material            | Metal plating  | Metal plating   |
| Capacity (VDC)            | ≤100   | ≤100  |
| Capacity (mA)             | ≤500   | ≤500  |
| Contact scheme (NC\NO)    | NC   | NC  |
| Distance(mm)              | ≥35  | ≥65   |
| Installation              | Screw  | Surface   |
| Dimension(L x W x H) (mm) | 50 x 18 x 10   | 108 x 40 x 8 (Master)<br>88 x 20 x 21 (Slaver)  |


| Model                      | DS-PD1-SKM  |
|----------------------------|---|
| Image                      |  <b>NEW HOT</b> |
|                            | Shock Detector  |
| Operating Voltage          | 12V DC (Valid: 9V to 14V)   |
| Current                    | 18mA  |
| Working Temperature        | -35 °C - +70 °C   |
| Working Humidity           | 95% (Without Condensation)  |
| Capacity                   | 12V DC 300 mA   |
| Dimension (L x W x H) (mm) | 88 x 58 x 25  |


| Model                 | DS-PK-L  | DS-PK-LRT   |
|-----------------------|--|---|
| Image                 |               |  |
|                       | Keypad   | Keypad  |
| Numeric key           | 12 (0 1 2 3 4 5 6 7 8 9 * #)   |   |
| Function Key          | 8 Function Keys (Project, Query, Panic, Bypass, Fire, One-push to arm, Scroll up, Scroll down)   |   |
| Indicator             | Fault (Orange ●), Network (Green ●), Alarm (Red ●), Armed/Disarmed (Blue ●), Set (Red/Green ●/●) |   |
| Tamper-Proof          | Supported  |   |
| Uplink Communication  | RS-485   |   |
| Sound Prompt          | Buzzer   |   |
| Wireless Frequency    | N/A  | 433MHz/868MHz optional  |
| Keyfob                | N/A  | Support   |
| Tag                   | N/A  | Support   |
| Power                 | 12V DC   |   |
| Power Consumption     | 1.8 W  |   |
| Operation Temperature | - 10 °C to + 55 °C (14 °F to 131 °F)   |   |
| Operation Humidity    | 10% -90%   |   |
| Weight(g)             | 272  |   |


|                                 |  |
|---------------------------------|--|
| <b>Model</b>                    | DS-PM-RSWR <span style="color: green;">NEW</span>  |
| <b>Image</b>                    | <br>RS485 Wireless Receiver |
| <b>Wireless Detector</b>        | 8  |
| <b>Wireless Keyfob</b>          | 32   |
| <b>RF Frequency</b>             | 433MHz   |
| <b>RF Transmission Distance</b> | 400m   |
| <b>Indicator</b>                | 1 Red/Green dual colour LED  |
| <b>Tamper Protection</b>        | Front and rear   |
| <b>Power Supply</b>             | 12V DC   |
| <b>Working Temperature</b>      | -10°C - +55°C  |
| <b>Working Humidity</b>         | 10% - 90%  |
| <b>Dimensions (L x W x H)</b>   | 161x 105x 28   |
| <b>Weight</b>                   | 195 g  |


|                        |   |  |  |
|------------------------|---|--|--|
| <b>Model</b>           | DS-PM-MI1 <span style="color: green;">NEW</span>  | DS-PM-MI2 <span style="color: green;">NEW</span>   | DS-PM-MI8 <span style="color: green;">NEW</span> <span style="color: red;">HOT</span>                      |
| <b>Image</b>           | <br>MBUS Input Expander | <br>MBUS Input Expander | <br>MBUS Input Expander |
| <b>Input</b>           | 1   | 2  | 8  |
| <b>Dimensions (mm)</b> | 62 x 33 x 19.5  | 49.4 x 32 x 14.3   | 74 x 132.5 x 27  |


|                        |   |
|------------------------|---|
| <b>Model</b>           | DS-PM-M04-H <span style="color: green;">NEW</span> <span style="color: red;">HOT</span>                   |
| <b>Image</b>           | <br>MBUS Output Expander |
| <b>Output</b>          | 4   |
| <b>Dimensions (mm)</b> | 114 x 187 x 31  |


|                        |   |
|------------------------|---|
| <b>Model</b>           | DS-PM-M032 <span style="color: green;">NEW</span> <span style="color: red;">HOT</span>                    |
| <b>Image</b>           | <br>MBUS Output Expander |
| <b>Output</b>          | 32  |
| <b>Dimensions (mm)</b> | 184 x 387 x 31  |

|   |  |
|---|--|
| <b>Model</b>  | DS-PM-MR <span style="color: green;">NEW</span> <span style="color: red;">HOT</span>                 |
| <b>Image</b>  | <br>MBUS Repeater |
| <b>Cable transmission distance and cross-sectional area</b> | Transmission Distance:2400m,<br>Cross-sectional area:1.5mm <sup>2</sup>                              |
| <b>Dimensions (mm)</b>                                      | 74 x 135 x 28  |

|                        |   |
|------------------------|---|
| <b>Model</b>           | DS-PM-RS18 <span style="color: green;">NEW</span> <span style="color: red;">HOT</span>                      |
| <b>Image</b>           | <br>RS485 Input Expander |
| <b>Input</b>           | 8   |
| <b>Dimensions (mm)</b> | 132.5 x 74 x 28   |

|               |  |
|---------------|--|
| <b>Model</b>  | DS-PM-RS04 <span style="color: green;">NEW</span>  |
| <b>Image</b>  | <br>RS485 Output Expander |
| <b>Output</b> | 4  |

|               |   |
|---------------|---|
| <b>Model</b>  | DS-PM-RS08 <span style="color: green;">NEW</span> <span style="color: red;">HOT</span>                        |
| <b>Image</b>  | <br>RS485 Output Expander |
| <b>Output</b> | 8   |

|               |  |
|---------------|--|
| <b>Model</b>  | DS-PM-RS04-H <span style="color: green;">NEW</span>  |
| <b>Image</b>  | <br>RS485 Output Expander |
| <b>Output</b> | 4  |


|               |  |
|---------------|--|
| <b>Model</b>  | DS-PM-RS08-H <span style="color: green;">NEW</span>  |
| <b>Image</b>  | <br>RS485 Output Expander |
| <b>Output</b> | 8  |


▼ Hikvision Wireless Panel


| Model                    | DS-PWA32-H   | DS-PWA32-HG  | DS-PWA32-HS   | DS-PWA32-HR  | DS-PWA32-HGR   | DS-PWA32-HSR   |
|--------------------------|--|--|---|--|--|--|
|                          | <b>NEW HOT</b>   | <b>NEW HOT</b>   | <b>NEW HOT</b>  | <b>NEW HOT</b>   | <b>NEW HOT</b>   | <b>NEW HOT</b>   |
| Image                    | <br>AXHub | <br>AXHub | <br>AXHub | <br>AXHub | <br>AXHub | <br>AXHub |
| Colour                   | Black/White  | Black/White  | Black/White   | Black/White  | Black/White  | Black/White  |
| Frequency                | 433MHz/868MHz  | 433MHz/868MHz  | 433MHz/868MHz   | 433MHz/868MHz  | 433MHz/868MHz  | 433MHz/868MHz  |
| Transmission distance    | 800m(open area)  | 800m(open area)  | 800m(open area)   | 800m(open area)  | 800m(open area)  | 800m(open area)  |
| Ethernet                 | RJ45 10M/100M adaptable Ethernet interface   | RJ45 10M/100M adaptable Ethernet interface   | RJ45 10M/100M adaptable Ethernet interface  | RJ45 10M/100M adaptable Ethernet interface   | RJ45 10M/100M adaptable Ethernet interface   | RJ45 10M/100M adaptable Ethernet interface   |
| WiFi protocol standard   | 802.11b/g/n  | 802.11b/g/n  | 802.11b/g/n   | 802.11b/g/n  | 802.11b/g/n  | 802.11b/g/n  |
| GPRS(SMS&Call)           | -  | Support  | -   | -  | Support  | -  |
| 3G/4G (SMS&Call)         | -  | -  | Support   | -  | -  | Support  |
| Keypad                   | -  | -  | -   | -  | -  | -  |
| LCD Screen               | -  | -  | -   | -  | -  | -  |
| Tag Reader               | -  | -  | -   | Support  | Support  | Support  |
| Wireless Input           | 32   | 32   | 32  | 32   | 32   | 32   |
| Wireless Keyfob          | 8  | 8  | 8   | 8  | 8  | 8  |
| Wireless Output Expander | 4  | 4  | 4   | 4  | 4  | 4  |
| Wireless Siren           | 2  | 2  | 2   | 2  | 2  | 2  |
| Voice Prompt             | 1-CH loudspeaker   | 1-CH loudspeaker   | 1-CH loudspeaker  | 1-CH loudspeaker   | 1-CH loudspeaker   | 1-CH loudspeaker   |
| Tamper Switch            | Support  | Support  | Support   | Support  | Support  | Support  |
| Power Interface          | 5V DC  | 5V DC  | 5V DC   | 5V DC  | 5V DC  | 5V DC  |
| Backup Battery           | Lithium battery (4520mAh)  | Lithium battery (4520mAh)  | Lithium battery (4520mAh)   | Lithium battery (4520mAh)  | Lithium battery (4520mAh)  | Lithium battery (4520mAh)  |
| Power Consumption        | <10 W  | <10 W  | <10 W   | <10 W  | <10 W  | <10 W  |


| Model                    | DS-PWA32-L  | DS-PWA32-LG   | DS-PWA32-LS  | DS-PWA32-LR   | DS-PWA32-LGR  | DS-PWA32-LSR  |
|--------------------------|---|---|--|---|---|---|
|                          | Coming Soon   | Coming Soon   | Coming Soon  | Coming Soon   | Coming Soon   | Coming Soon   |
| Image                    | <br>AX Panel | <br>AX Panel | <br>AX Panel | <br>AX Panel | <br>AX Panel | <br>AX Panel |
| Colour                   | Black/White   | Black/White   | Black/White  | Black/White   | Black/White   | Black/White   |
| Frequency                | 433MHz/868MHz   | 433MHz/868MHz   | 433MHz/868MHz  | 433MHz/868MHz   | 433MHz/868MHz   | 433MHz/868MHz   |
| Transmission distance    | 800m(open area)   | 800m(open area)   | 800m(open area)  | 800m(open area)   | 800m(open area)   | 800m(open area)   |
| Ethernet                 | RJ45 10M/100M adaptable Ethernet interface  | RJ45 10M/100M adaptable Ethernet interface  | RJ45 10M/100M adaptable Ethernet interface   | RJ45 10M/100M adaptable Ethernet interface  | RJ45 10M/100M adaptable Ethernet interface  | RJ45 10M/100M adaptable Ethernet interface  |
| WiFi protocol standard   | 802.11b/g/n   | 802.11b/g/n   | 802.11b/g/n  | 802.11b/g/n   | 802.11b/g/n   | 802.11b/g/n   |
| GPRS (SMS&Call)          | -   | Support   | -  | -   | Support   | -   |
| 3G/4G (SMS&Call)         | -   | -   | Support  | -   | -   | Support   |
| Keypad                   | Support   | Support   | Support  | Support   | Support   | Support   |
| LCD Screen               | Support   | Support   | Support  | Support   | Support   | Support   |
| Tag Reader               | -   | -   | -  | Support   | Support   | Support   |
| Wireless Input           | 32  | 32  | 32   | 32  | 32  | 32  |
| Wireless Keyfob          | 8   | 8   | 8  | 8   | 8   | 8   |
| Wireless Output Expander | 4   | 4   | 4  | 4   | 4   | 4   |
| Wireless Siren           | 2   | 2   | 2  | 2   | 2   | 2   |
| Voice Prompt             | 1-CH loudspeaker  | 1-CH loudspeaker  | 1-CH loudspeaker   | 1-CH loudspeaker  | 1-CH loudspeaker  | 1-CH loudspeaker  |
| Tamper Switch            | Support   | Support   | Support  | Support   | Support   | Support   |
| Power Interface          | 5V DC   | 5V DC   | 5V DC  | 5V DC   | 5V DC   | 5V DC   |
| Backup Battery           | Lithium battery (4520mAh)   | Lithium battery (4520mAh)   | Lithium battery (4520mAh)  | Lithium battery (4520mAh)   | Lithium battery (4520mAh)   | Lithium battery (4520mAh)   |
| Power Consumption        | <10 W   | <10 W   | <10 W  | <10 W   | <10 W   | <10 W   |


▼ Hikvision Wireless Detector


|                             |   |
|-----------------------------|---|
| <b>Model</b>                | DS-PD1-PM-W <span style="float: right;">NEW</span>  |
| <b>Image</b>                | <br>Wireless Displacement Detector |
| <b>Frequency</b>            | 433MHz  |
| <b>Modulation</b>           | FM  |
| <b>RF transmit distance</b> | 500m(open area)   |
| <b>Tamper proof</b>         | Support   |
| <b>Working temperature</b>  | -10°C - +55°C   |
| <b>Working humidity</b>     | 10%-90%   |
| <b>Water proof</b>          | IP66  |
| <b>Dimensions (mm)</b>      | 60*31*10  |
| <b>Weight(g)</b>            | 22  |






|                                  |  |
|----------------------------------|--|
| <b>Model</b>                     | DS-PD1-MC-WWS <span style="float: right;">NEW</span>   |
| <b>Image</b>                     | <br>Wireless Magnetic Contact |
| <b>Frequency</b>                 | 433MHz/868MHz  |
| <b>Rf Transmission Distance</b>  | 800m (Open area)   |
| <b>Led Indicator</b>             | 1  |
| <b>Tamper Switch</b>             | Supported (Front shell and Rear cover)   |
| <b>Power Interface</b>           | CR123A 3.0V, 2 years   |
| <b>Operation Temperature</b>     | -10°C - +55°C  |
| <b>Operation Humidity</b>        | 10%-90%  |
| <b>Dimension(L X W X H) (Mm)</b> | 84 x 25 x 20.99  |
| <b>Weight (G)</b>                | 37   |

|                                  |  |
|----------------------------------|--|
| <b>Model</b>                     | DS-PD1-EB-WR <span style="float: right;">NEW HOT</span>  |
| <b>Image</b>                     | <br>Wireless Panic Button |
| <b>Frequency</b>                 | 433MHz   |
| <b>Modulation</b>                | FM   |
| <b>Transmission Rate</b>         | 800m(Open Area)  |
| <b>Indicator</b>                 | Red: Alarm triggered   |
| <b>Battery</b>                   | CR2032 3.0V, 2-year power supply   |
| <b>Operation Temperature</b>     | -10°C - +55°C  |
| <b>Operation Humidity</b>        | 10% - 90%  |
| <b>Dimension(L x W x H) (mm)</b> | 64.9 (Diameter)*16.7   |
| <b>Weight (g)</b>                | 32.8   |
| <b>Installation</b>              | Indoor   |

|   |  |
|---|--|
| <b>Model</b>                            | DS-PD1-EB-WS2 <span style="float: right;">NEW</span>   |
| <b>Image</b>                            | <br>Wireless Panic Button |
| <b>Hold-up Function</b>                 | Yes  |
| <b>LED Indication</b>                   | Red, Amber, Green  |
| <b>Two-way Wireless Technology</b>      | Yes  |
| <b>SSI (Signal Strength Indicators)</b> | Yes  |
| <b>One Push to Learn</b>                | Yes  |
| <b>Transmission Method</b>              | Fully encrypted rolling code   |
| <b>Storage Temperature</b>              | -20°C - +50°C  |
| <b>Certified Operating Temperature</b>  | -10°C - +40°C  |
| <b>Nominal Operating Temperature</b>    | -10°C - +50°C  |
| <b>Dimensions (H*W*D) (mm)</b>          | 72 x 30 x 20   |
| <b>Transmission Frequency</b>           | 433MHz, FM transceiver   |
| <b>Range in Open Space</b>              | 300m   |
| <b>Battery Type</b>                     | CR1/3N   |
| <b>Battery Voltage</b>                  | 3V   |
| <b>Threshold</b>                        | 2.1V +/- 5%  |



|                                 |  |
|---------------------------------|--|
| <b>Model</b>                    | DS-PD1-WL-W <span style="float: right;">NEW</span>   |
| <b>Image</b>                    | <br>Water-leak Detector |
| <b>Frequency</b>                | 433MHz   |
| <b>RF transmission distance</b> | 300m (open area)   |
| <b>Tamper Switch</b>            | YES  |
| <b>Detection Method</b>         | Touch  |
| <b>Working Temperature</b>      | -10 - 55   |
| <b>Working Humidity</b>         | ≤95%RH   |
| <b>Dimensions (mm)</b>          | 73 x 52 x 21   |
| <b>Weight (g)</b>               | 64.5   |

|                                 |  |
|---------------------------------|--|
| <b>Model</b>                    | DS-PD1-TP-W <span style="float: right;">NEW</span>   |
| <b>Image</b>                    | <br>Temperature Detector |
| <b>Frequency</b>                | 433MHz   |
| <b>RF transmission distance</b> | 300m (open area)   |
| <b>Tamper Switch</b>            | YES  |
| <b>Detection Method</b>         | Touch  |
| <b>Working Temperature</b>      | -10- +55   |
| <b>Working Humidity</b>         | ≤95%RH   |
| <b>Dimensions (mm)</b>          | 73 x 52 x 21   |
| <b>Weight (g)</b>               | 64.5   |



| Model   | DS-PD2-P25-W  | DS-PD2-P15C-W   | DS-PD2-P10P-W   | DS-PD2-D12-W  | DS-PD2-D10P-W   |
|---|---|---|---|---|---|
| Image   |  <b>NEW HOT</b><br>Wireless Indoor PIR |  <b>NEW HOT</b><br>Wireless Indoor PIR |  <b>NEW HOT</b><br>Wireless Indoor PIR |  <b>NEW HOT</b><br>Wireless Indoor Dual-Tech |  <b>NEW HOT</b><br>Wireless Indoor Dual-Tech |
| Detection Range                               | 25 m  | 15 m  | 10 m  | 12 m  | 10 m  |
| Detection Angle                               | 85°   | 20°   | 85°   | 85°   | 85°   |
| Detection Zones                               | 46 zones,6 planes   | 24 zones,6 planes   | 56 zones,6 planes   | 60 zones,7 planes   | 56 zones,6 planes   |
| Mounting Height (m)                           | 1.8-2.4   | 1.8-2.4   | 1.8-2.4   | 1.8-2.4   | 1.8-2.4   |
| Anti-masking                                  | -   | -   | -   | -   | -   |
| Anti blocking                                 | -   | -   | -   | -   | -   |
| Animal immunity (kg)                          | -   | -   | Up to 24  | -   | Up to 24  |
| Blue Wave technology                          | Support   | Support   | Support   | Support   | Support   |
| Automatic sensitivity                         | Support   | Support   | 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/Bracket  | Front and rear/Bracket  | Front and rear/Bracket  | Front and rear/Bracket  | Front and rear/Bracket  |
| Signal Strength Indicators (SSI)              | Support   | Support   | Support   | Support   | Support   |
| Transmission frequency                        | 433MHz/868MHz   | 433MHz/868MHz   | 433MHz/868MHz   | 433MHz/868MHz   | 433MHz/868MHz   |
| Range in open space (m)                       | 800   | 800   | 800   | 800   | 800   |
| 3V lithium battery included                   | 1x CR123A   | 1x CR123A   | 1x CR123A   | 2x CR123A   | 2x CR123A   |
| Ceiling mounted bracket included              | YES   | YES   | YES   | YES   | YES   |
| Wall mounted bracket included                 | YES   | YES   | YES   | YES   | YES   |


| Model   | DS-PD2-T10P-WEH <span style="color: green; font-weight: bold;">NEW HOT</span>     | DS-PD2-T12P-WEL <span style="color: green; font-weight: bold;">NEW HOT</span>     |
|---|---|---|
| Image   |  |  |
|   | Wireless Outdoor Dual-Tech  | Wireless Outdoor Dual-Tech  |
| Detection Range (m)                           | 10  | 12  |
| 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)                          | 10  | Up to 24  |
| Adjustable sensitivity                        | High or low range   | High or low range   |
| White light filter (Lux)                      | 2500  | 2500  |
| Detection method                              | Tri-Signal Detection Logic  | Tri-Signal Detection Logic  |
| Sensor  | 2 low -ise dual element passive infrared sensors and a microwave doppler unit     | 2 low -ise dual element passive infrared sensors and a microwave doppler unit     |
| Weatherproof                                  | IP55 rated  | IP55 rated  |
| Storage temperature                           | -40°C - 80°C  | -40°C - 80°C  |
| Physical dimensions (H x W x D) (mm)          | 180 x 80 x 105  | 188 x 77 x 84   |
| Transmission frequency                        | 433/868MHz  | 433/868MHz  |
| Range in open space (m)                       | 800   | 800   |
| Battery type                                  | 3V Lithium battery (included)   | 3V Lithium battery (included)   |

| Model                | DS-PMA-WBELL <span style="color: green; font-weight: bold;">NEW</span>              |
|----------------------|---|
| Image                |  |
| Wireless Siren       |   |
| Emitting frequency   | 433MHz  |
| Modulation           | Frequency modulation  |
| RF transmit distance | 800m(open area)   |
| Tamper proof         | Support   |
| Working temperature  | -10°C - +55°C   |
| Working humidity     | <95%  |
| Dimensions (mm)      | Ø80*45  |
| Weight(g)            | 116   |

| Model             | DS-19K00-Y <span style="color: green; font-weight: bold;">NEW HOT</span>             | DS-PKFE-5 <span style="color: green; font-weight: bold;">NEW</span>                  |
|-------------------|--|--|
| Image             |  |  |
|                   | Keyfob   | Keyfob   |
| Button            | Arm, Disarm, Stay arm, Panic alarm, Alarm elimination                                | Arm, Disarm, Stay arm, Panic alarm, Alarm elimination                                |
| Frequency         | 433MHz   | 868MHz   |
| Distance          | 300m (Open area)   | 300m (Open area)   |
| Encryption Scheme | Rolling code DES   | Rolling code DES   |
| Indicator         | Red & Green  | Red & Green  |
| Battery           | 3V/210mAh  | 3V/210mAh  |
| Dimensions (mm)   | 63 x 49 x 16   | 63 x 49 x 16   |
| Weight (g)        | 24.5   | 24.5   |



| Model                                | DS-PM-W02  | DS-PM-W08   |
|--------------------------------------|--|---|
| Image                                |  <b>NEW</b><br>Wireless Output Expander |  <b>NEW</b><br>Wireless Output Expander |
| Available RF Frequencies             | Two-way wireless 433MHz / 868MHz   | Two-way wireless 433MHz / 868MHz  |
| RF Distance                          | 800m (Open area)   | 800m (Open area)  |
| RF Speed                             | 10.0kbps   | 10.0kbps  |
| Alarm Output Type                    | 2-way, Up to 30VDC/1A  | 8-way, Up to 30VDC/1A   |
| Power Supply                         | 9-15 VDC   | 9-15 VDC  |
| Tamper                               | Front and rear   | Front and rear  |
| Status LEDs                          | 3 LEDs: Power(green), Fault(orange), Signal strength(green&orange)   | 3 LEDs: Power(green), Fault(orange), Signal strength(green&orange)  |
| Switch                               | One onboard switch for turning on/off LED  | One onboard switch for turning on/off LED   |
| Shell Material                       | PC+ABS   | PC+ABS  |
| Application Scenario                 | Indoor   | Indoor  |
| Operating Temperature                | -10°C to 55°C  | -10°C to 55°C   |
| Operating Conditions                 | 10% to 90% (Non-Condensing)  | 10% to 90% (Non-Condensing)   |
| Dimensions (mm)                      | 160 x 105 x 28   | 160 x 105 x 28  |
| Weight(g)                            | 165  | 165   |
| Physical dimensions (H x W x D) (mm) | 180 x 80 x 105   | 188 x 77 x 84   |
| Transmission frequency               | 433/868MHz   | 433/868MHz  |
| Battery type                         | 3V Lithium battery (included)  | 3V Lithium battery (included)   |

| Model                    | DS-PM-W11   |
|--------------------------|---|
| Image                    |  <b>NEW</b><br>Wireless Input Expander |
| Available RF Frequencies | Two-way wireless 433MHz / 868MHz  |
| RF Distance              | 800m (Open area)  |
| RF Speed                 | 10.0kbps  |
| Alarm Input Type         | One NC input  |
| Power Supply             | CR123/3V  |
| Tamper                   | Front and rear  |
| Status LEDs              | One red&green LED   |
| Button                   | One onboard tamper button   |
| Switch                   | One switch for turning on/off LED   |
| Shell Material           | PC+ABS  |
| Application Scenario     | Indoor  |
| Operating Temperature    | -10°C to 55°C   |
| Operating Conditions     | 10% to 90% (Non-Condensing)   |
| Dimensions (mm)          | 84 x 25 x 21  |
| Weight (g)               | 38.5  |




Advanced integration that  
delivers changes

## Alarm Solutions Powered by Pyronix

Acquired by Hikvision in 2016, Pyronix is a UK-based intruder equipment designer and manufacturer. Pyronix has many patented technologies and has been awarded many times over the last 30 years. It continues to pride itself on innovation and product quality. Pyronix's product portfolio consists of a complete range of detectors, both wired and wireless, for indoor and outdoor usage as well as advanced control panels.

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

### ▼ Pyronix Panels and Peripherals








| Model                                       | Enforcer 64-WE   | PCX 78S  | PCX 78L  |
|---|--|--|--|
| Image                                       | <br>NEW HOT | <br>NEW HOT | <br>NEW HOT |
|   | Wireless All-in-one Panel  | Hybrid Panel   | Hybrid Panel   |
| Areas (independent or level)                | 4  | 8  | 8  |
| Maximum Inputs                              | 66   | 78 (8 wired onboard)   | 78 (8 wired onboard)   |
| Maximum Outputs                             | 34 (3 onboard)   | 85 (5 onboard)   | 85 (5 onboard)   |
| User Codes                                  | 75   | 100  | 100  |
| System Logs                                 | 750  | 1250   | 1250   |
| Maximum Wireless Inputs (requires RIX32-WE) | 64   | 64   | 64   |
| Wireless Devices                            | 32 keyfobs, 4 wireless arming stations, 2 wireless sounders                                    | 32 keyfobs, 4 wireless arming stations, 2 wireless sounders                                    | 32 keyfobs, 4 wireless arming stations, 2 wireless sounders                                    |
| Module Compatibility                        | DIGI-WIFI, DIGI-LAN, DIGI-GPRS+SIM, DIGI-GPRS, DIGI-GSM, DIGI-PSTN                             | DIGI-WIFI, DIGI-LAN, DIGI-GPRS+SIM, DIGI-GPRS, DIGI-GSM, DIGI-PSTN                             | DIGI-WIFI, DIGI-LAN, DIGI-GPRS+SIM, DIGI-GPRS, DIGI-GSM, DIGI-PSTN                             |
| Signalling Protocols                        | Contact ID IP, Contact ID, SIA IP, SIA3, Fast Format IP, Fast Format and SMS                   | Contact ID IP, Contact ID, SIA IP, SIA3, Fast Format IP, Fast Format and SMS                   | Contact ID IP, Contact ID, SIA IP, SIA3, Fast Format IP, Fast Format and SMS                   |
| Maximum Keypads                             | 3  | 6  | 6  |
| Maximum Readers                             | 3  | 5  | 5  |
| Battery Capacity                            | 2200mAh  | 2 - 7Ah  | 7 - 17Ah   |
| Input Resistors                             | 1k tamper / 1k alarm   | 1k tamper / 1k alarm   | 1k tamper / 1k alarm   |
| Operating Temperature                       | -10°C to +40°C   | -10°C to +40°C   | -10°C to +40°C   |
| Dimensions (W x H x D)                      | 220 x 160 x 50mm   | 297 x 250 x 82mm   | 305 x 390 x 100mm  |
| Weight                                      | 1025g inc. battery   | 4.8kg inc. battery   | 11.5kg inc. battery  |
| Warranty (years)                            | 2  | 2  | 2  |
| Electrical Conformity                       | CE   | CE   | CE   |
| EN50131                                     | Security Grade 2   | Security Grade 2   | Security Grade 3   |

| Model                        | DIGI-LAN   | DIGI GPRS  | DIGI-WIFI DIGI-WIFI/XA  | DIGI-1200  |
|------------------------------|--|--|---|--|
| Image                        |  <b>HOT</b> |  <b>HOT</b> |  <b>HOT</b> |  <b>NEW</b> |
|                              | Communication Module   | Communication Module   | Communication Module  | Communication Module   |
| Enforcer 64-WE App           | Support  | Support  | Support Digi-Wifi   | Support  |
| PCX 78 series                | Support  | Support  | Support Digi-Wifi/Xa  | Support  |
| Formats                      | Contact ID IP, SIA IP, supports uploading / downloading                                      | Contact ID IP, SIA IP, SMS, supports uploading / downloading                                 | Contact ID IP, SIA 3 IP, supports uploading / downloading                                     | Contact ID, SIA  |
| Voltage                      | +12V DC  | +12V DC  | +12V DC   | +12V DC  |
| Quiescent                    | 30mA   | 30mA<br>(In use: 40mA)   | 30mA<br>(In use 40mA)   | 20mA   |
| Electrical conformity        | CE   | CE   | CE  | CE   |
| Environmental classification | II   | II   | II  | II   |
| EN Certificate               | EN61000-6-3:2007 +A1: 2011   | EN61000-6-3:2007 +A1: 2011   | EN61000-6-3:2007 +A1: 2011  | EN50136-1: 2012  |
|                              | EN60950-1:2006 +A11:2009   | EN60950-1:2006 +A11:2009   | EN60950-1:2006 +A11:2009  | EN50136-2: 2013  |
|                              | +A1:2010 +A2:2013  | +A1:2010 +A2:2013  | +A1:2010 +A2:2013   | -  |
|                              | EN50136-1: 2012  | EN50136-1: 2012  | EN50136-1: 2012   | -  |
|                              | EN50136-2: 2013  | EN50136-2: 2013  | EN50136-2: 2013   | -  |
| ATS                          | SP5  | SP5  | SP5   | SP2  |



| Model   | PCX-RIX8i-P/BOX  | PCX-RIX8+P/BOX  | PCX-RIX8+PSU-M/BOX  | PCX-RIX32-WE  |
|---|--|---|---|---|
| Image   |  <b>HOT</b> |  |  |  <b>HOT</b> |
| Type of module  | Wired input expander module  | Wired input expander module   | Wired input expander module   | Two-way wireless expander module  |
| Wired inputs (NC/DEOL/3-EOL)  | 8  | 8   | 8   | -   |
| Inertia and roller shutter sensors support  | 8  | -   | -   | -   |
| Output support  | -  | 4 Open Collector  | 4 Open Collector  | -   |
| Two-way wireless inputs   | -  | -   | -   | 32  |
| Two-way wireless keyfobs  | -  | -   | -   | 32  |
| Two-way wireless sirens   | -  | -   | -   | 2   |
| Power input   | 9-15V DC   | 9-15V DC  | 220-240V AC   | 9-15V DC  |
| Operating temperature   | -10°C to +50°C   | -10°C to +50°C  | -10°C to +50°C  | -10°C to +50°C  |
| Weight  | 500g   | 500g  | 5.6kg   | 1.07kg  |
| EN50131   | Grade 2  | Grade 3   | Grade 3   | Grade 2   |
| Environmental classification  | II   | II  | II  | II  |
|  | CA12.01433   | CA12.01434  | CA12.01431  | CA12.01439  |

| Model   | PCX-ATE8R*   | PCX-ROX8R8T-P/BOX   | PCX-ROX16R-PSU-M/BOX   |
|---|--|---|--|
| Image   |  <b>HOT</b> |  |  <b>HOT</b> |
| Type of module  | Output expander module   | Output expander module  | Output expander module   |
| Wired inputs (NC/DEOL/3-EOL)  | -  | -   | -  |
| Inertia and roller shutter sensors support  | -  | -   | -  |
| Output support  | 8 Relays   | 8 Open Collector and 8 Relays   | 16 Relays  |
| Two-way wireless inputs   | -  | -   | -  |
| Two-way wireless keyfobs  | -  | -   | -  |
| Two-way wireless sirens   | -  | -   | -  |
| Power input   | 9-15V DC   | 9-15V DC  | 220-240V AC  |
| Operating temperature   | -10°C to +50°C   | -10°C to +50°C  | -10°C to +50°C   |
| Weight  | 68g  | 315g  | 5.6kg  |
| Dimensions  | 109 x 56 x 14mm  | 173 x 125 x 32mm  | 225 x 150 x 30mm   |
| Environmental classification  | II   | II  | II   |
|  | -  | CA12.01435  | CA12.01432   |
|  | Self-certified   | -   | -  |

| Model   | PCX-LCDP  | PCX-LCDP/W  | PCX-PROXI/EX  | PCX-EXT-BK  | PCX-EXT-W  |
|---|---|---|---|---|--|
|   | <b>HOT</b>  | <b>HOT</b>  |   |   |  |
| Image   |  |  |  |  |  |
|   | Arming device   | Arming device   | Arming device   | Arming device   | Arming device  |
| LCD Keypad  | ABS plastic   | Painted white finish  | -   | -   | -  |
| Surface mounted   | Support   | Support   | Support   | Support   | Support  |
| Flush mount back box available  | -   | Support   | -   | -   | -  |
| Interchangeable keypad casings  | -   | Support   | -   | -   | -  |
| Integrated prox reader  | Support   | Support   | Support   | Support   | Support  |
| Indoor-use prox reader  | Support   | Support   | Support   | -   | -  |
| IP65 rated outdoor-use prox reader  | -   | -   | -   | Support   | Support  |
| Power supply  | 12V DC (9-15V DC)   | 12V DC (9-15V DC)   | 12V DC (9-15V DC)   | 12V DC (9-15V DC)   | 12V DC (9-15V DC)  |
| Current consumption   | 50mA  | 50mA  | 30mA  | 22mA  | 22mA   |
| Input configuration   | DE0L, 3E0L  | DE0L, 3E0L  | DE0L  | DE0L  | DE0L   |
| Output type   | Transistor output 100mA (max)   |   | Transistor output 150mA (max)   |   |  |
| Electrical conformity   | CE  | CE  | CE  | CE  | CE   |
| EN50131   | Grade 3   | Grade 3   | Grade 3   | Grade 3   | Grade 3  |
| Environmental classification  | II  | II  | II  | IV  | IV   |
|  | CA12.01424  | Self-certified  | CA12.01420  | CA12.01419  | CA12.01419   |
|  | IMQ Test House  | Self-certified  | IMQ Test House  | IMQ Test House  | IMQ Test House   |




| Model   | KEYFOB-WE   | Model  | LEDRKP/WHITE-WE   |
|---|---|--|---|
|   | <b>HOT</b>  |  | <b>HOT</b>  |
| Image   |  | Image  |  |
|   | Wireless arming device  |  | Wireless arming device  |
| 4 button with 8 button functions  | Support   | Plastic keypad with LED icon display         | Support   |
| System status display   | Support   | Integrated prox reader                       | Support   |
| Arm one or all areas per button   | Support   | Entry and exit tones                         | Support   |
| Disarm one or all areas per button  | Support   | Backlit keys                                 | Support   |
| Panic function  | Support   | Dedicated keys for automation output control | 4   |
| Activate output automation  | Support   | 3V / 5Ah Lithium battery included            | BATT-ES1  |
| Lock and unlock buttons   | Support   | Signal Strength indicators (SSI)             | Support   |
| Range in open space   | 300 m   | Environmental class                          | II  |
| 3V Lithium battery included   | BATT-FK1215   | Self-certified                               | Self-certified  |
| Minimum battery life (years)  | 1   | Warranty (years)                             | 2   |
| Weight  | 28g   | EN50131                                      | Grade 2   |
| EN50131   | Grade 2   |  |   |
| Environmental classification  | II  |  |   |
|  | CA12.01329  |  |   |

▼ Pyronix Wireless Detectors


| Model                            | KX10DTP-WE  | KX12DT-WE   | KX10DP-WE  | KX12DQ-WE  | KX15DC-WE  | KX25LR-WE  |
|----------------------------------|---|---|--|--|--|--|
| Image                            | <br>Wireless Dual-tech Detectors | <br>Wireless Dual-tech Detectors | <br>Wireless PIR Detector | <br>Wireless PIR Detector | <br>Wireless PIR Detector | <br>Wireless PIR Detector |
| Coverage                         | Volumetric  | Volumetric  | Volumetric   | Volumetric   | Curtain  | Long range   |
| Maximum Range                    | 10 m  | 12 m  | 10 m   | 12 m   | 15 m   | 25 m   |
| Optimal Installation Height      | 1.8-2.4 m   | 1.8-2.4 m   | 1.8-2.4 m  | 1.8-2.4 m  | 4 m  | 1.8-2.4 m  |
| Creep-Zone Protection            | Support   | Support   | -  | Support  | Support  | Support  |
| Animal Immunity                  | Up to 24kg  | -   | Up to 25kg   | -  | -  | -  |
| Blue Wave Technology             | Support   | Support   | Support  | Support  | Support  | Support  |
| Automatic Sensitivity            | Support   | Support   | Support  | Support  | Support  | Support  |
| Digital Temperature Compensation | Support   | Support   | Support  | Support  | Support  | Support  |
| Tamper Protection Included       | Support   | Support   | Support  | Support  | Support  | Support  |
| Signal Strength Indicators(SSI)  | Support   | Support   | Support  | Support  | Support  | Support  |
| Transmission Frequency           | 868MHz, FM transceiver  | 868MHz, FM transceiver  | 868MHz, FM transceiver   | 868MHz, FM transceiver   | 868MHz, FM transceiver   | 868MHz, FM transceiver   |
| Range in Open Space              | 1600 m  | 1600 m  | 1600 m   | 1600 m   | 1600 m   | 1600 m   |
| Minimum Battery Life (Years)     | 2   | 2   | 2  | 2  | 2  | 2  |
| Microwave Frequency              | 10.515, 10.525, 10.535GHz   | 10.515, 10.525, 10.535GHz   | -  | -  | -  | -  |
| Detection Speed                  | 0.3 - 3 m/s   | 0.3 - 3 m/s   | 0.3 - 3 m/s  | 0.3 - 3 m/s  | 0.3 - 3 m/s  | 0.3 - 3 m/s  |
| Operating Temperature            | -10°C to +40°C  | -10°C to +40°C  | -10°C to +40°C   | -10°C to +40°C   | -10°C to +40°C   | -10°C to +40°C   |
| Warranty(Years)                  | 2   | 2   | 2  | 2  | 2  | 2  |
| Electrial Conformity             | CE  | CE  | CE   | CE   | CE   | CE   |
| EN50131                          | Grade 2   | Grade 2   | Grade 2  | Grade 2  | Grade 2  | Grade 2  |
| Environmental Class              | II  | II  | II   | II   | II   | II   |

HOT

| Model  | XDH10TT-WE <span style="color: red;">HOT</span>  | XDL12TT-WE <span style="color: green;">NEW</span>  |
|--|--|--|
| Image  | <br>Wireless Outdoor Tri-tech Detectors | <br>Wireless Outdoor Tri-tech Detectors |
| Optimal Installation Height                    | 2.4 m  | 1.2 m  |
| Maximum range                                  | 10 m   | 12 m   |
| Two-way wireless                               | Support  | Support  |
| Triple Detection Logic                         | 2 x Infrared + 1 x Microwave   | 2 x Infrared + 1 x Microwave   |
| Animal Immunity                                | Up to 10kg   | Up to 24kg   |
| Automatic Sensitivity                          | Support  | Support  |
| Independent Floating Threshold(IFT) Technology | Support  | Support  |
| Digital Temperature Compensation               | Support  | Support  |
| Separate Indicator: Microwave, Infrared, Alarm | Support  | Support  |
| Tamper Protection Included                     | Support  | Support  |
| Transmission Frequency                         | 868MHz, FM Transceiver   | 868MHz, FM Transceiver   |
| Range in Open Space                            | 1600 m   | 1600 m   |
| 3V Lithium Battery Included                    | 2x 3V 5Ah(BATT-ES1)  | 2x 3V 5Ah(BATT-ES1)  |
| Minimum Battery Life (Years)                   | 3  | 3  |
| Plastic Housing Material                       | Polycarbonate  | Polycarbonate  |
| Lens UV Protection                             | UV Filter  | UV Filter  |
| Protection                                     | IP55   | IP55   |
| Operation Temperature                          | -30°C to +50 °C  | -30°C to +50 °C  |
| Dimensions                                     | 180 x 80 x 105 mm  | 188 x 77 x 84 mm   |
| Warranty(years)                                | 2  | 2  |

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

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

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





▼ Pyronix wired detectors


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

| Model                            | COLT10DL-200   | OCTOPUSDQ  | KX15DD   |
|----------------------------------|--|--|--|
| Image                            |  <span>HOT</span> |  <span>NEW</span> |  <span>HOT</span> |
|                                  | Wired Internal PIR Detectors   | Wired Internal PIR Detectors   | Wired Internal PIR Detectors   |
| Coverage                         | Volumetric   | 360 degree Volumetric  | Volumetric   |
| Maximum Range                    | 10 m   | 12 m   | 15 m   |
| Optimal Installation height      | 1.8-2.4 m  | 2,4-4 m  | 1.8-2.4 m  |
| Creep-zone Protection            | -  | Support  | Support  |
| Animal Immune                    | Up to 10kg   | -  | -  |
| Blue Wave Technology             | -  | Support  | Support  |
| Automatic Sensitivity            | Adjustable sensitivity   | Support  | Support  |
| Digital Temperature Compensation | Support  | Support  | Support  |
| Optical quad                     | -  | Support  | -  |
| DEOL Resistors on board          | -  | Support  | Support  |
| Tamper Protection included       | Support  | Support  | Support  |
| Power Supply                     | 9-16V DC (12V DC nominal)  | 9-16V DC (12V DC nominal)  | 9-16V DC (12V DC nominal)  |
| Detection Speed                  | 0.3 - 3 m/s  | 0.3 - 3 m/s  | 0.3 - 3 m/s  |
| Optics                           | Sealed Optics  | Sealed Optics  | Sealed Optics  |
| Operating   Storage temperature  | -30°C to +70°C   | -10°C to +40°C   | -30°C to 50°C  |
| Weight                           | 58g  | 58g  | 125g   |
| Dimensions                       | 82 x 50 x 41mm   | 94 x 33 mm   | 117 x 69 x 55 mm   |
| Electrical Conformity            | CE   | CE   | CE   |
| EN50131                          | Grade 2  | Grade 2  | Grade 2  |
| Environmental class              | II   | II   | II   |

| Model                            | KX15DQ   | KX10DP   | KX18DC   |
|----------------------------------|--|--|--|
| Image                            |  <b>HOT</b><br>Wired Internal PIR Detectors |  Wired Internal PIR Detectors |  Wired Internal PIR Detectors |
| Coverage                         | Volumetric   | Volumetric   | Curtain  |
| Maximum Range                    | 15 m   | 10 m   | 18 m/30 m LR   |
| Optimal Installation height      | 1.8-2.4 m  | 1.8-2.4 m  | Max 4 m / 1.8-2.4 m  |
| Creep-zone Protection            | Support  | -  | Support  |
| Animal Immune                    | -  | Up to 24kg   | -  |
| Blue Wave Technology             | Support  | Support  | Support  |
| Automatic Sensitivity            | Support  | Support  | Support  |
| Digital Temperature Compensation | Support  | Support  | Support  |
| Optical Quad                     | Support  | -  | -  |
| DEOL Resistors Onboard           | Support  | Support  | Support  |
| Tamper Protection Included       | Support  | Support  | Support  |
| Power Supply                     | 9-16V DC (12V DC nominal)  | 9-16V DC (12V DC nominal)  | 9-16V DC (12V DC nominal)  |
| Detection Speed                  | 0.3 - 3 m/s  | 0.3 - 3 m/s  | 0.3 - 3 m/s  |
| Optics                           | Sealed Optics  | Sealed Optics  | Sealed Optics  |
| Operating / Storage temperature  | -30°C to 50°C  | -30°C to 50°C  | -30°C to 50°C  |
| Weight                           | 125g   | 125g   | 125g   |
| Dimensions                       | 117 x 69 x 55 mm   | 117 x 69 x 55 mm   | 117 x 69 x 55 mm   |
| Electrical Conformity            | CE   | CE   | CE   |
| EN50131                          | Grade 2  | Grade 2  | Grade 2  |
| Environmental class              | II   | II   | II   |








| Model   | KX10DTP  | KX15DT   |
|---|--|--|
| Image   |  Wired Internal Dual tech Detectors |  <b>HOT</b><br>Wired Internal Dual tech Detectors |
| Coverage                                      | Volumetric   | Volumetric   |
| Maximum Range                                 | 10m  | 15m  |
| Optimal Installation Height                   | 1.8-2.4m   | 1.8-2.4m   |
| Creep-zone Protection                         | -  | Support  |
| Adjustable Anti-masking (anti-spray)          | -  | -  |
| Anti-blocking Technology                      | -  | -  |
| Animal Immunity                               | Up to 24kg   | -  |
| Blue Wave Technology                          | Support  | Support  |
| Automatic Sensitivity                         | Support  | Support  |
| Digital Temperature Compensation              | Support  | Support  |
| Anti-cloaking Technology                      | And/Or   | And/Or   |
| Separate indication: Microwave, PIR and alarm | Support  | Support  |
| DEOL Resistors Onboard                        | Support  | Support  |
| Tamper Protection Included                    | Support  | Support  |
| Microwave Frequency                           | 10.515, 10.525, 10.535GHz  | 10.515, 10.525, 10.535GHz  |
| Optics  | Sealed   | Sealed   |
| Dimensions                                    | 117 x 69 x 55 mm   | 117 x 69 x 55 mm   |
| Warranty (years)                              | 2  | 2  |
| Electrical Conformity                         | CE   | CE   |
| EN50131                                       | Grade 2  | Grade 2  |

|  |   |
|--|---|
| <b>Model</b>   | KX15DTAM <span style="color: red;">HOT</span>   |
| <b>Image</b>   | <br>Wired Internal Dual tech Detectors |
| <b>Coverage</b>                                      | Volumetric, Curtain, Long range   |
| <b>Maximum range</b>                                 | 15m/18m/30m   |
| <b>Optimal installation height</b>                   | 1.8-2.4m  |
| <b>Creep-zone protection</b>                         | Support   |
| <b>Adjustable anti-masking(anti-spray)</b>           | Support   |
| <b>Anti-blocking Technology</b>                      | Support   |
| <b>Animal Immunity</b>                               | -   |
| <b>Blue Wave Technology</b>                          | Support   |
| <b>Automatic Sensitivity</b>                         | Support   |
| <b>Digital Temperature Compensation</b>              | Support   |
| <b>Anti-cloaking Technology</b>                      | Anti-Blocking   |
| <b>Separate indication: Microwave, PIR and alarm</b> | Support   |
| <b>DEOL resistors on board</b>                       | Support   |
| <b>Tamper protection included</b>                    | Support   |
| <b>Microwave Frequency</b>                           | 10.515, 10.525, 10.535GHz   |
| <b>Optics</b>  | Sealed  |
| <b>Dimensions</b>                                    | 117 x 69 x 55 mm  |
| <b>Warranty (years)</b>                              | 2   |
| <b>Electrical conformity</b>                         | CE  |
| <b>EN50131</b>                                       | Grade 2   |

|   |  |
|---|--|
| <b>Model</b>                            | SHOCK/W <span style="color: green;">NEW</span>   |
| <b>Image</b>                            | <br>Wired Shock Sensors                                 |
| <b>Detection Method</b>                 | Proprietary piezo electric transducer  |
| <b>Range</b>                            | Nominally 2.5metres radius (dependent on location and material) Sensitivity individually adjustable to suit local environmental conditions |
| <b>Digital Signal Processing</b>        | Support  |
| <b>Sensitivity settings</b>             | By potentiometer   |
| <b>Pulse count</b>                      | Selectable   |
| <b>LED Enable</b>                       | By jumper  |
| <b>Latching feature</b>                 | By jumper  |
| <b>Front and rear tamper protection</b> | Support  |
| <b>Removable Electronics</b>            | Support  |
| <b>Power Supply</b>                     | 12V DC nominal (9 to 15V DC)   |
| <b>Colour</b>                           | White  |
| <b>Operating Temperature</b>            | -10°C to +40°C   |
| <b>Weight</b>                           | 38.8 g   |
| <b>Dimensions</b>                       | 107mm x 29mm x 21mm  |
| <b>Installation</b>                     | On any plane via 2 supplied fixing screws  |
| <b>Warranty (years)</b>                 | 5  |
| <b>Electrical Conformity</b>            | CE   |
| <b>EN50131</b>                          | Grade 2  |
| <b>Environmental Class</b>              | II   |

|   |   |   |
|---|---|---|
| <b>Model</b>  | BG2000 <span style="color: red;">HOT</span>   | BG16DF <span style="color: red;">HOT</span>   |
| <b>Image</b>  | <br>Wired Breakglass Detectors | <br>Wired Breakglass Detectors |
| <b>Designed for Most Types of Glass</b>                     | Support   | Support   |
| <b>Maximum Range from Detector to The Glass</b>             | 8 m   | 6 m   |
| <b>Angle of Coverage</b>                                    | 360 degree  | 360 degree  |
| <b>Digital Technology</b>                                   | Support   | Support   |
| <b>Dual Confirmation Detection - First Impact</b>           | Support   | Support   |
| <b>Detects the Frequency of Glass Flexing&amp; Breaking</b> | Support   | Support   |
| <b>Installation Test Mode</b>                               | Support   | Support   |
| <b>Option to Latch Alarm Relay</b>                          | Support   | Support   |
| <b>Power</b>  | 9-16V DC [12V DC nominal]   |   |
| <b>Detection Speed</b>                                      | 0.2 - 3m/s  |   |
| <b>Installation Height</b>                                  | 2.4-8 m   |   |
| <b>Operating Temperature</b>                                | -10°C to + 50°C   |   |
| <b>Weight</b>   | 100g  |   |
| <b>Dimensions</b>   | 90 x 90 x 30 mm   |   |
| <b>Warranty (years)</b>                                     | 2   |   |
| <b>Environmental Class</b>                                  | CE  | CE  |

▼ Pyronix Accessory

| Model                                      | UR2-WE  | Model   | DELTABELL-WE  | Model   | DELTABELL X  | Model   | Twin Alert   |
|--|---|---|---|---|--|---|--|
| Image                                      | <br>Universal Receiver | Image   | <br>Wireless External Siren | Image   | <br>Wireless External Siren | Image   | <br>Wireless External Siren |
| Alarm Relay Output                         | 1 per channel   | Type  | Wireless  | Sound Output  | 106dB  | Loudness  | 100dB @1m  |
| Wireless Channels**                        | 2   | Sound output  | 98dB  | Number of Piezos Elements   | 2  | Number of Piezos Elements   | 1  |
| Two-Way Wireless Detectors                 | 10 per channel  | Number of Piezos Elements   | 1   | Strobe LED  | Support  | Operating Voltage   | 9 - 14.5V DC (13.5V DC nominal)  |
| Two-Way Wireless Keyfobs                   | 6 per channel Wireless peripherals dedicated fault relay  | Strobe LED  | Support   | Comfort LED   | Support  | Alarm Current   | 160mA  |
| Wireless Peripherals Dedicated Fault Relay | 1   | Engineer Hold Off   | Support   | Optional Backlight with DELTAX-LIGHT Module   | Support  | Tamper Protection Included  | Support  |
| System Arm / Disarm Input                  | 1   | Comfort LED   | Support   | Engineer Hold Off   | Support  | For Indoor Use  | Support  |
| Alarm Indication (7 Segment Display)       | 1   | Front and Rear Tamper Protection  | Support   | Rechargeable Battery Included   | Support  | Warranty (years)  | 2  |
| Power Supply                               | 9 - 15V DC  | 3V / SAh Lithium Battery Included   | 2x BATT-ES1 Signal Strength Indicators (SSI)  | Tamper Protection included  | Support  | Electronic Sounder  | 2  |
| Current Consumption                        | Min 80mA / max 400mA  | Minimum Battery Life (years)  | 2   | Warranty (years)  | 2  | Electrical Conformity   | CE   |
| Outputs                                    | 3x relay (max, 3A @ 30VDC)  | Warranty (years)  | 2   | Power   | 9-16VDC  | EN50131   | Grade 2  |
| Operating Temperature                      | -10°C to +50°C  | Polycarbonate Base  | P   | Strobe Duration   | 10 mS  | Environmental Classification  | II   |
| Dimensions                                 | 173 x 125 x 32 mm   | Cover Sold Separately   | P   | Frequency   | 1Hz  |  | Self-certified   |
| Warranty (Years)                           | 2   | Electrical Conformity   | CE  | Current Consumption   | 90mA at rest / 300mA in alarm  |   |  |
| Electrical Conformity                      | CE  | EN50131   | Grade 2   | Electronic Sounder  | 2  |   |  |
| Environmental Classification               | II  | Environmental Classification  | IV  | Electrical Conformity   | CE   |   |  |
|  |   |  | CA12.01330  | EN50131   | Grade 2  |   |  |
|  |   |   |   | Environmental classification  | IV   |   |  |
|  |   |   |   |  | Self-certified   |   |  |


Quick response to security needs

## Emergency Alarm

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


### ▼ Panic Alarm Station

| Model                       | DS-PEA1-N1   | DS-PEA1-21   |
|-----------------------------|--|--|
| Image                       |  <p>1. Dual network ports<br/>2. Supports POE<br/>3. IK10</p> |  <p>1. Dual network ports<br/>2. Built-in loudspeaker and pickup with cracking voice prevention<br/>3. Video collection and all-day monitoring with 2 MP HD IR camera</p> |
| Processor                   | High-Performance Embedded SOC Processor  | High-Performance Embedded SOC Processor  |
| Operation system            | Embedded Linux Operation System  | Embedded Linux Operation System  |
| Camera                      | NO   | 2 MP HD IR Camera, IR Distance ≥ 10 m  |
| Audio input                 | 1-ch built-in Omnidirectional Microphone, Pickup Distance: 3 m   | 1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m<br>1-ch 3.5 mm Audio Interface for External Audio Input   |
| Audio output                | 1-ch 3 W Built-in Loudspeaker<br>1-ch 3.5 mm Audio Interface for External Audio Output   | 1-ch 3 W built-in Loudspeaker<br>1-ch 3.5 mm Audio Interface for External Audio Output   |
| Network protocol            | TCP/IP, SNMP, HIK-SIP, RTSP, DHCP  | TCP/IP, RTSP, SNMP, HIK-SIP, ONVIF   |
| Ethernet                    | 10 M/100 M Self-adaptive Ethernet port   | 10 M/100 M Self-adaptive Ethernet port   |
| Ethernet port               | 1 RJ45 10 M/100 M Self-adaptive Ethernet Port  | 2 RJ45 10 M/100 M Self-adaptive Ethernet Port  |
| IO Input                    | 2  | 2  |
| IO Output                   | 1  | 2  |
| Public Network Transmission | E-Home, EZVIZ  | E-Home, EZVIZ  |
| Network encryption          | Supports User Lock-in and Password Security Prompt   | Supports User Lock-in and Password Security Prompt   |
| Switch                      | NO   | NO   |
| Alarm lamp                  | NO   | NO   |
| Siren                       | NO   | NO   |
| 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   |
| Lock                        | NO   | NO   |
| Power supply                | DC 12V   | DC 12V   |
| Working temperature         | -25 °C ~ +55 °C (-13 °F ~ 131 °F)  | -40 °C ~ +60 °C (-40 °F ~ 140 °F)  |
| Installation                | Wall Mounting  | Wall Mounting  |
| Dimension(L x W x H) (mm)   | 170 × 108 × 39.5<br>(8.58" × 5.04" × 2.28")  | 218 × 128 × 58<br>(8.58" × 5.04" × 2.28")  |

▼ Box Panic Alarm Station ▼ Pole Panic Alarm Station

▼ Master Station

| Model                       | DS-PEA2-21   | DS-PEA3M-21   | DS-PEA3M-21H   |
|-----------------------------|--|---|--|
| Image                       |  <b>NEW</b>                                       |  <b>NEW HOT</b>  |  <b>NEW HOT</b>   |
|                             | 1. Dual network ports<br>2. Video collection and all-day monitoring with 2 MP HD IR camera<br>3. Internal audible and visual alarm | 1. Dual network ports<br>2. Video collection and all-day monitoring with 2 MP HD IR camera<br>3. Electronic Controlled Cabinet Lock/Normal Cabinet Lock | 1. Dual network ports<br>2. Video collection and all-day monitoring with 2 MP HD IR camera<br>3. Internal audible and visual alarm<br>4. Electronic Controlled Cabinet Lock/Normal Cabinet Lock<br>5. Including 8 Ports switch |
| Processor                   | High-Performance Embedded SOC Processor  | High-Performance Embedded SOC Processor   | High-Performance Embedded SOC Processor  |
| Operation system            | Embedded Linux Operation System  | Embedded Linux Operation System   | Embedded Linux Operation System  |
| Camera                      | 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<br>1-ch 3.5 mm Audio Interface for External Audio Input             | 1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m<br>1-ch 3.5 mm Audio Interface for External Audio Input                                  | 1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m<br>1-ch 3.5 mm Audio Interface for External Audio Input   |
| Audio output                | 1-ch 3 W Built-in Loudspeaker<br>1-ch 3.5 mm Audio Interface for External Audio Output   | 1-ch 30 W Built-in Loudspeaker<br>1-ch 3.5 mm Audio Interface for External Audio Output   | 1-ch 30 W Built-in Loudspeaker<br>1-ch 3.5 mm Audio Interface for External Audio Output  |
| Network protocol            | TCP/IP, RTSP, SNMP, HIK-SIP, ONVIF   | TCP/IP, RTSP, SNMP, HIK-SIP, ONVIF  | TCP/IP, RTSP, SNMP, HIK-SIP, ONVIF   |
| Ethernet                    | 10 M/100 M Self-adaptive Ethernet port   | 10 M/100 M Self-adaptive Ethernet port  | 10 M/100 M Self-adaptive Ethernet port   |
| Ethernet port               | 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  |
| I/O Input                   | 2  | 2   | 2  |
| I/O Output                  | 2  | 2   | 2  |
| Public Network Transmission | E-Home, EZVIZ  | E-Home, EZVIZ   | E-Home, EZVIZ  |
| Network encryption          | Supports User Lock-in and Password Security Prompt   | Supports User Lock-in and Password Security Prompt  | Supports User Lock-in and Password Security Prompt   |
| Switch                      | NO   | No  | 8-ports switch x 1   |
| Alarm lamp                  | 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                       | 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   |
| Lock                        | NO   | Electronic Controlled Cabinet Lock/Normal Cabinet Lock  | Electronic Controlled Cabinet Lock/Normal Cabinet Lock   |
| Power supply                | AC 100-240V  | AC 100-120V/200-240V  | AC 100-120V/200-240V   |
| Working temperature         | -40 °C ~ +60 °C (-40 °F ~ 140 °F)  | -40 °C ~ +60 °C (-40 °F ~ 140 °F)   | -40 °C ~ +60 °C (-40 °F ~ 140 °F)  |
| Installation                | Hold Hoop and Wall Mounting  | Ground Mounting   | Ground Mounting  |
| Dimension(L x W x H) (mm)   | 504 × 327.7 × 125<br>(19.48" × 12.90" × 4.92")   | Without Bracket: 450 × 500 × 2205<br>(17.72" × 19.69" × 86.81")   | With Bracket: 450 × 500 × 4534<br>(17.72" × 19.69" × 178.50")  |

| Model                      | DS-PEA4H-10   |
|----------------------------|---|
| Appearance                 |  <b>Coming Soon</b>  |
|                            | 1. Rotatable 2 MP built-in camera<br>2. Video intercom between general/ pole/ box panic alarm station and master station.<br>3. Real-time intercom, monitoring, group broadcast, quick dialing, call forwarding, call waiting etc.<br>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 colourful TFT LCD, 1280 × 800   |
| Operation type             | Touch screen, and mechanical key  |
| Audio input                | Built-in microphone, handset, and mic support   |
| Audio output               | Built-in loudspeaker, and handset   |
| Audio compression standard | G.711U, G.726, AAC, and Opus  |
| Network protocol           | TCP/IP, HIK-SIP, and RTSP   |
| Ethernet                   | 10 M/100 M/1000 M self-adaptive   |
| Network interface          | 1 RJ45 10M/100M/1000 M Self-adaptive Ethernet Ports   |
| I/O input                  | 4   |
| I/O output                 | 4, relay output   |
| RJ11                       | 1, for handset  |
| VGA output                 | 1, for display user interface, which can be used synchronously with HDMI  |
| HDMI output                | 1, for display user interface, which can be used synchronously with VGA   |
| Micro SDXC                 | 1, Micro SDXC (≤ 128 GB)  |
| USB                        | 1, USB 3.0<br>1, USB 2.0  |
| Consumption                | ≤ 15w   |
| Power supply               | 12 V DC, PoE (IEEE 802.3 at/af)   |
| Working temperature        | -10 °C to 55°C  |
| Working humidity           | 10% - 90%   |
| Dimension                  | with handset: 361mm (14.2 inch) × 65mm (2.6 inch) × 197mm (7.8 inch)<br>without handset: 291mm (11.5 inch) × 41mm (1.6 inch) × 197mm (7.8 inch)   |
| Weight                     | ≤ 2.5kg   |

## More secure and more reliable Perimeter Protection

Perimeter Protection is an external perimeter security system for detection of intruders outside – before they can do any damage. Hikvision provides a full range of products, including various options for beam number and multiple channels of frequency modulation, generating rapid alerts and comprehensive security for perimeter-protected areas.

- High grade aspherical Fresnel lens
- Special filter material
- Ten times the protection distance
- Interruption time control
- Multiple indicators for calibration

### ▼ Active Infrared Beams

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

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











PRODUCT QUICK GUIDE  
ACCESS CONTROL, VIDEO INTERCOM,  
AND ALARM PRODUCTS  
2019 H1

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