PRODUCT QUICK GUIDE

SECURITY ALARM

2022 H2

HIKVISION®

SECURITY ALARM

Simplicity through Innovation
AX PRO Wireless Intrusion Alarm

At Hikvision, we believe that innovation results in products that can do more while becoming simpler to use.

The AX PRO System is the perfect example – it's an incredible new design that combines the powerful and reliable security systems of the past with the simplicity of today's best technology. AX PRO is both conventional and revolutionary, with proven wireless stability, a wide range of world-class products, and ease-of-use for both installers and end users.
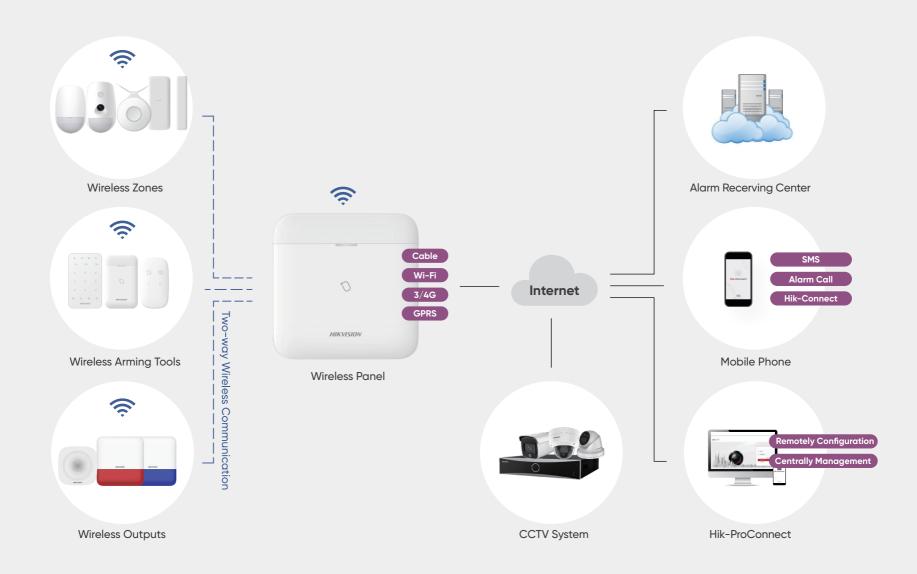
Simple setup, powerful protection – whether it's for a business-owner's property or a home-owner's loved ones – bringing peace of mind every day, all day.

> Stay informed with real-time visual verification
> Extended transmission distance with great reliability
> Multiple communication methods
> Smart & simple alarm solution for ARCs

System Topology

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

Wireless Zones

Wireless Arming Tools

Wireless Outputs

Two-way Wireless Communication

Wireless Panel

Cable
Wi-Fi
3/4G
GPRS

Internet

Alarm Recerving Center

Mobile Phone

SMS
Alarm Call
Hik-Connect

CCTV System

Hik-ProConnect

Remotely Configuration
Centrally Management

AX PRO Kit

AX PRO Kit

DS-PWA64-Kit-WE (868 MHz)

DS-PWA64-L-WE * 1 (AX PRO Hub, L Model)
DS-PKF1-WE * 1 (Keyfob)
DS-PDP15P-EG2-WE * 1 (PIR Detector)
DS-PDMC-EG2-WE * 1 (Magnetic Contact)

AX PRO Kit

DS-PWA64-Kit-WB (433 MHz)

DS-PWA64-L-WB * 1 (AX PRO Hub, L Model)
DS-PKF1-WB * 1 (Keyfob)
DS-PDP15P-EG2-WB * 1 (PIR Detector)
DS-PDMC-EG2-WB * 1 (Magnetic Contact)

AX PRO Kit

DS-PWA96-Kit-WE (868MHz)

DS-PWA96-M-WE * 1 (AX PRO Hub, M Model)
DS-PKF1-WE * 1 (Keyfob)
DS-PDP15P-EG2-WE * 1 (PIR Detector)
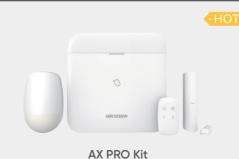DS-PDMC-EG2-WE * 1 (Magnetic Contact)

AX PRO Kit

DS-PWA96-Kit-WB (433MHz)

DS-PWA96-M-WB * 1 (AX PRO Hub, M Model)
DS-PKF1-WB * 1 (Keyfob)
DS-PDP15P-EG2-WB * 1 (PIR Detector)
DS-PDMC-EG2-WB * 1 (Magnetic Contact)

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

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

Model	DS-PDPC12PF-EG2-WE	DS-PDPC12PF-EG2-WB
Image	HOT	HOT
Detection Method	Passive Infrared; Video Verification	Passive Infrared; Video Verification
Detection Range	12 m	12 m
Detection Angle	85.9 °	85.9 °
Detection Zones	52	52
Detectable Speed	0.3 - 2 m/s	0.3 - 2 m/s
Sensitivity	High; Auto; Pet	High; Auto; Pet
Pet Immunity	30 Kg	30 Kg
White Light Filter	6500 lux	6500 lux
Digital Temperature Compensation	Support	Support
Creep Zone Protection	Support	Support
Digital Processing	Support	Support
Signal Strength Indicator	Support	Support
Field Angle	88° (H), 68° (V)	88° (H), 68° (V)
Image Type	JPEG	JPEG
Resolusion	160 × 120; 320 × 240; 640 × 480	160 × 120; 320 × 240; 640 × 480
Fill Light	White Light	White Light
Fill Range	12 m	12 m
Day/Night Switch	Color	Color
Power Switch	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue (Alarm)	Blue (Alarm)
Transmission Technology	CAM-X Wireless	CAM-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz
Transmission Security	AES-128 encryption	AES-128 encryption
Transmission Range(Free Space)	800 m	800 m
Enrolling Method	Power up, Remote ID, QR code	Power up, Remote ID, QR code
Standard Battery Life	6 years in work status (being triggered every week and completely uploading captures twice)	6 years in work status (being triggered every week and completely uploading captures twice)
Power Supply	Battery Powered	Battery Powered
Battery Type	CR123A × 3	CR123A × 3
Typical Voltage	3 V	3 V
Operation Temperature	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)
Storage Temperature	-20 ℃ to 60 ℃ (-4 °F to 140 °F)	-20 ℃ to 60 ℃ (-4 °F to 140 °F)
Operation Humidity	10 % to 90 %	10 % to 90 %
Dimension(WxHxD)	72.2 mm × 120.5 mm × 56.7 mm	72.2 mm × 120.5 mm × 56.7 mm
Weight	220 g	220 g
Mounting Height	1.8 to 2.4 m	1.8 to 2.4 m
Mounting Method	Wall	Wall
Application Scenario	Indoor	Indoor
Bracket	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory

Wireless PIR-Glass Break Detector

Model	DS-PDPG12P-EG2-WE	DS-PDPG12P-EG2-WB
Image		
Detection Method	Passive Infrared; Acoustic Sensor	Passive Infrared; Acoustic Sensor
Detection Range	12 m	12 m
Detection Angle	85.9 °	85.9 °
Detection Zones	52	52
Detectable Speed	0.3 - 2 m/s	0.3 - 2 m/s
Pet Immunity	30 Kg	30 Kg
White Light Filter	6500 lux	6500 lux
PIR Sensitivity	Auto, High, Pet	Auto, High, Pet
Glass Break Range	8 m	8 m
Glass Type	Float; Plate; Tampered; Wired; Laminated Leaded; Double Glazing	Float; Plate; Tampered; Wired; Laminated Leaded; Double Glazing
Glass Break Sensitivity	2 m, 4 m, 6 m, 8 m	2.4 mm to 6.4 mm
Creep Zone Protection	Support	Support
Digital Processing	Support	Support
Sealed Optics	Support	Support
Tamper Protection	Front; Rear	Front; Rear
Environment Temperature Indicator	Support	Support
Signal Strength Indicator	Support	Support
Power Switch	Power Up Enrolling	Power Up Enrolling
LED Indicator	Green (PIR), Red (BG), Blue (alarm)	Green (PIR), Red (BG), Blue (alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.6 Km	1 Km
Frequency Hopping	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code
Standard Battery Life	4 years in work status (being triggered 20 times per day)	4 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered
Battery Type	CR123A × 2	CR123A × 2
Typical Voltage	3 V	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10 % to 90 %	10 % to 90 %
Dimension(WxHxD)	65.5 mm × 103 mm × 48.5 mm	65.5 mm × 103 mm × 48.5 mm
Weight	134 g	134 g
Mounting Height	1.8 to 2.4 m	1.8 to 2.4 m
Mounting Method	Wall	Wall
Application Scenario	Indoor	Indoor
Bracket	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory

Wireless Motion Detector

Model	DS-PDP15P-EG2-WE	DS-PDP15P-EG2-WB	DS-PDC15-EG2-WE
Image	HOT	HOT	
Detection Method	Passive Infrared	Passive Infrared	Passive Infrared
Detection Range	15 m	15 m	15 m
Detection Angle	85.9 °	85.9 °	6.3 °
Detection Zones	52	52	18
Detectable Speed	0.3 - 2 m/s	0.3 - 2 m/s	0.3 - 2 m/s
Sensitivity	High; Auto; Pet	High; Auto; Pet	/
Pet Immunity	30 Kg	30 Kg	None
White Light Filter	6500 lux	6500 lux	6500 lux
Microwave Frequency	/	/	/
Digital Temperature Compensation	Support	Support	Support
Creep Zone Protection	Support	Support	Support
Environment Temperature Indicator	Support	Support	Support
Signal Strength Indicator	Support	Support	Support
Power Switch	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz	868 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.6 Km	1.2 Km	1.6 Km
Frequency Hopping	Support	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code
Standard Battery Life	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered	Battery Powered
Battery Type	CR123A × 1	CR123A × 1	CR123A × 1
Typical Voltage	3V	3V	3V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %
Dimension(WxHxD)	65.5 mm × 103 mm × 48.5 mm	65.5 mm × 103 mm × 48.5 mm	65.5 mm × 103 mm × 48.5 mm
Weight	128 g	128 g	128 g
Mounting Height	1.8 to 2.4 m	1.8 to 2.4 m	2.4 to 3.6 m
Mounting Method	Wall	Wall	Wall
Application Scenario	Indoor	Indoor	Indoor
Bracket	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory
IP Rate	\	\	\

Model	DS-PDC15-EG2-WB	DS-PDD12P-EG2-WE	DS-PDD12P-EG2-WB	DS-PDCL12-EG2-WE	DS-PDCL12-EG2-WB
Image					
Detection Method	Passive Infrared	Passive Infrared;Microwave	Passive Infrared;Microwave	Passive Infrared	Passive Infrared
Detection Range	15 m	12 m	12 m	12 m	12 m
Detection Angle	6.3 °	85.9 °	85.9 °	360 °	360 °
Detection Zones	18	52	52	172	172
Detectable Speed	0.3 - 2 m/s	0.3 - 2 m/s	0.3 - 2 m/s	0.3 - 2 m/s	0.3 - 2 m/s
Sensitivity	/	High; Auto; Pet	High; Auto; Pet	Auto, Low	Auto, Low
Pet Immunity	None	30 Kg	30 Kg	/	/
White Light Filter	6500 lux	6500 lux	6500 lux	6500 lux	6500 lux
Microwave Frequency	/	24 GHz (24.15 - 24.25 GHz)	24 GHz (24.15 - 24.25 GHz)	/	/
Digital Temperature Compensation	Support	Support	Support	Support	Support
Creep Zone Protection	Support	Support	Support	Support	Support
Environment Temperature Indicator	Support	Support	Support	Support	Support
Signal Strength Indicator	Support	Support	Support	Support	Support
Power Switch	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue (Alarm)	Green (PIR), Red (Microwave), Blue (Alarm)	Green (PIR), Red (Microwave), Blue (Alarm)	Blue (Alarm)	Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	433 MHz	868 MHz	433 MHz	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 encryption	AES-128 encryption
Transmission Range(Free Space)	1.2 Km	1.6 Km	1.2 Km	1.6 Km	1 Km
Frequency Hopping	Support	Support	Support	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up, Remote ID, QR code	Power up, Remote ID, QR code
Standard Battery Life	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered	Battery Powered	Battery Powered	Battery Powered
Battery Type	CR123A × 1	CR123A × 2	CR123A × 2	CR123A x 1	CR123A x 1
Typical Voltage	3 V	3 V	3 V	3 V	3 V
Operation Temperature	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F) -10 ℃ to 40 ℃ (14 °F to 104 °F) Certified	-10 ℃ to 55 ℃ (14 °F to 131 °F) -10 ℃ to 40 ℃ (14 °F to 104 °F) Certified
Storage Temperature	-20 ℃ to 60 ℃ (-4 °F to 140 °F)	-20 ℃ to 60 ℃ (-4 °F to 140 °F)	-20 ℃ to 60 ℃ (-4 °F to 140 °F)	-20 ℃ to 60 ℃ (-4 °F to 140 °F)	-20 ℃ to 60 ℃ (-4 °F to 140 °F)
Operation Humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
Dimension(WxHxD)	65.5 mm × 103 mm × 48.5 mm	65.5 mm × 103 mm × 48.5 mm	65.5 mm × 103 mm × 48.5 mm	φ101.2 mm x 32.9 mm	φ101.2 mm x 32.9 mm
Weight	128 g	141 g	141 g	109.5 g	109.5 g
Mounting Height	2.4 to 3.6 m	1.8 to 2.4 m	1.8 to 2.4 m	2.4 to 4m	2.4 to 4m
Mounting Method	Wall	Wall	Wall	Ceiling	Ceiling
Application Scenario	Indoor	Indoor	Indoor	Indoor	Indoor
Bracket	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory	Optional Wall & Ceiling Accessory	N/A	N/A
IP Rate	\	\	\	\	\

Model	DS-PDC10AM-EG2-WE	DS-PDC10AM-EG2-WB	DS-PDC10DM-EG2-WE	DS-PDC10DM-EG2-WB
Image				
Detection Method	Passive Infrared	Passive Infrared	Passive Infrared; Microwave	Passive Infrared; Microwave
Detection Range	Wall Mount: 10 m Ceiling Mount: 5 m	Wall Mount: 10 m Ceiling Mount: 5 m	Wall Mount: 10 m Ceiling Mount: 5 m	Wall Mount: 10 m Ceiling Mount: 5 m
Detection Angle	5 °	5 °	5 °	5 °
Detection Zones	32	32	32	32
Detectable Speed	0.3 - 2 m/s	0.3 - 2 m/s	0.3 - 2 m/s	0.3 - 2 m/s
Sensitivity	Auto, Pet	Auto, Pet	Auto, Pet	Auto, Pet
Pet Immunity	Wall Mount: 12 Kg Ceiling Mount: None	Wall Mount: 12 Kg Ceiling Mount: None	Wall Mount: 12 Kg Ceiling Mount: None	Wall Mount: 12 Kg Ceiling Mount: None
White Light Filter	6500 lux	6500 lux	6500 lux	6500 lux
Microwave Frequency	/	/	/	/
Digital Temperature Compensation	Support	Support	Support	Support
Creep Zone Protection	Support	Support	Support	Support
Environment Temperature Indicator	Support	Support	Support	Support
Signal Strength Indicator	Support	Support	Support	Support
Power Switch	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue (Alarm), Green + Orange (Mask)	Blue (Alarm), Green + Orange (Mask)	Blue (Alarm), Green + Orange (Mask)	Blue (Alarm), Green + Orange (Mask)
Transmission Technology	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz	868 MHz	433 MHz
Transmission Security	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
Transmission Range(Free Space)	1 Km	1 Km	1 Km	1 Km
Frequency Hopping	Support	Support	Support	Support
Enrolling Method	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code
Standard Battery Life	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered	Battery Powered	Battery Powered
Battery Type	CR123A x 2	CR123A x 2	CR123A x 2	CR123A x 2
Typical Voltage	3 V	3 V	3 V	3 V
Operation Temperature	-25 ℃ to 60 ℃ (-13 °F to 140 °F)	-25 ℃ to 60 ℃ (-13 °F to 140 °F)	-25 ℃ to 60 ℃ (-13 °F to 140 °F)	-25 ℃ to 60 ℃ (-13 °F to 140 °F)
Storage Temperature	-25 ℃ to 60 ℃ (-13 °F to 140 °F)	-25 ℃ to 60 ℃ (-13 °F to 140 °F)	-25 ℃ to 60 ℃ (-13 °F to 140 °F)	-25 ℃ to 60 ℃ (-13 °F to 140 °F)
Operation Humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
Dimension(WxHxD)	29.2 mm × 134.4 mm × 39.5 mm	29.2 mm × 134.4 mm × 39.5 mm	29.2 mm × 134.4 mm × 39.5 mm	29.2 mm × 134.4 mm × 39.5 mm
Weight	118.5 g	118.5 g	118.5 g	118.5 g
Mounting Height	2 to 3.5 m	2 to 3.5 m	2 to 3.5 m	2 to 3.5 m
Mounting Method	wall, Ceiling	wall, Ceiling	wall, Ceiling	wall, Ceiling
Application Scenario	Indoor, outdoor	Indoor, outdoor	Indoor, outdoor	Indoor, outdoor
Bracket	L-shaped adapter included	L-shaped adapter included	L-shaped adapter included	L-shaped adapter included
IP Rate	IP65	IP65	IP65	IP65

Model	DS-PDTT15AM-LM-WE	DS-PDTT15AM-LM-WB	DS-PDCM15PF-IR	DS-PDP18-HM-WE	DS-PDP18-HM-WB
Image				NEW HOT	NEW HOT
Detection Method	Passive Infrared; Microwave	Passive Infrared; Microwave	Video Verification	Passive Infrared	Passive Infrared
Detection Range	15 m	15 m	15 m	18 m	18 m
Detection Angle	90° @ 180° adjustable	90° @ 180° adjustable	137.2° (H), 80.1° (V)	90°	90°
Detection Zones	92	92	\	118	118
Detectable Speed	0.3 ~ 2 m/s	0.3 ~ 2 m/s	\	0.3 ~ 2 m/s	0.3 ~ 2 m/s
Sensitivity	Auto, Low	Auto, Low	\	Auto, Pet	Auto, Pet
Pet Immunity	40 Kg	40 Kg	\	24 Kg	24 Kg
White Light Filter	10000 lux	10000 lux	\	20000 lux	20000 lux
Microwave Frequency	24 GHz (24.15 ~ 24.25 GHz)	24 GHz (24.15 ~ 24.25 GHz)	\	\	\
Digital Temperature Compensation	Support	Support	\	Support	Support
Creep Zone Protection	Support	Support	\	Support	Support
Environment Temperature Indicator	Support	Support	\	Support	Support
Signal Strength Indicator	Support	Support	\	Support	Support
Power Switch	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling
LED Indicator	Green (Top PIR), Red (Microwave), Orange (Bottom PIR), Green + Orange (Mask), Blue (Alarm)	Green (Top PIR), Red (Microwave), Orange (Bottom PIR), Green +Orange (Mask), Blue (Alarm)	Infrared Light	Blue (Alarm)	Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless	Cam-X Wireless	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz	\	868 MHz	433 MHz
Transmission Security	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
Transmission Range(Free Space)	1.6 Km	1.6 Km	\	1.6 Km	1 Km
Frequency Hopping	Support	Support	\	Support	Support
Enrolling Method	Power up, Remote ID, QR code	Power up, Remote ID, QR code	\	Power up, Remote ID, QR code	Power up, Remote ID, QR code
Standard Battery Life	5 years in work status (Standalone: being triggered 20 times per day) (With camera integrat	5 years in work status (Standalone: being triggered 20 times per day) (With camera integrat	\	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered	\	Battery Powered	Battery Powered
Battery Type	CR123A x 5	CR123A x 5	\	CR123A x 2	CR123A x 2
Typical Voltage	3 V	3 V	3 V	3 V	3 V
Operation Temperature	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)
Storage Temperature	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)
Operation Humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
Dimension(WxHxD)	75 mm × 202 mm × 73 mm	75 mm × 202 mm × 73 mm	74.1 mm × 72.35 mm × 53 mm	74.1 mm x 72.35 mm x 53 mm	74.1 mm x 72.35 mm x 53 mm
Weight	600 g	600 g	155 g	155 g	155 g
Mounting Height	0.8 to 1.2 m	0.8 to 1.2 m	0.8 to 1.2 m	2.5 - 3 m High Mount 0.8 - 1.2 m Low Mount	2.5 - 3 m High Mount 0.8 - 1.2 m Low Mount
Mounting Method	wall	wall	wall	wall	wall
Application Scenario	outdoor	outdoor	outdoor	outdoor	outdoor
Bracket	\	\	\	Adjustment bracket included	Adjustment bracket included
IP Rate	IP65	IP65	IP66	IP65	IP65
Image Type	\	Image Type	JPEG	\	\
Resolusion	\	Resolusion	640 × 480; 320 × 240; 160 × 120	\	\

Model	DS-PDEBP1-EG2-WE	DS-PDEBP1-EG2-WB	DS-PDEB1-EG2-WE(B)	DS-PDEB1-EG2-WB(B)
Image				
Button	1	1	1	1
Tamper-Proof	/	/	Front; Rear	Front; Rear
Environment Temperature Indicator	/	/	Support	Support
Signal strength indication	Support	Support	Support	Support
Indicator	Flashing LED for Alarm(Red or Green)	Flashing LED for Alarm(Red or Green)	Blue (Alarm)	Blue (Alarm)
Wireless Technology	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
RF Frequency	868 MHz	433 MHz	868 MHz	433 MHz
Transmission Range(Free Space)	1 km	800 m	1.2 km	800 m
Wireless Security	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
Enrolling Methods	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency Hooping	Support	Support	Support	Support
Battery type	CR2032 x 1 (Included)	CR2032 x 1 (Included)	CR2450 x 1 (Included)	CR2450 x 1 (Included)
Battery life span	3 years in work status (being triggered 20 times per day).	3 years in work status (being triggered 20 times per day).	3 years in work status (being triggered 20 times per day)	3 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered	Battery Powered	Battery Powered
Typical Voltage	3 V	3 V	3 V	3 V
Dimension (WxHxD)	φ38 × 12 mm	φ38 × 12 mm	63.8 mm × 63.8 mm × 17.9 mm	63.8 mm × 63.8 mm × 17.9 mm
Weight	13.5 g	13.5 g	45.5 g	45.5 g
Operation temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
IP Rate	IP66	IP66	IP66	IP66
Mounting Method	Portable	Portable	Wall	Wall

Model	DS-PDSMK-S-WE	DS-PDSMK-S-WB
Image		
Detection Method	Chamber With Photoelectric Sensor	Chamber With Photoelectric Sensor
Environment Temperature Indicator	Support	Support
Signal Strength Indicator	Support	Support
Power Switch	Power Up Enrolling	Power Up Enrolling
LED Indicator	Red (Alarm)	Red (Alarm)
Buzzer	≥ 85 dB @ 3 m	≥ 85 dB @ 3 m
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	800 m	800 m
Enrolling Method	Power up;Remote ID;QR Code	Power up;Remote ID;QR Code
Typical Voltage	3 V	3 V
Operation Temperature	-10 °C to 60 °C (14 °F to 140 °F)	-10 °C to 60 °C (14 °F to 140°F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10 % to 90 %	10 % to 90 %
Dimension(WxHxD)	φ102 × 35 mm	φ102 × 35 mm
Weight	125 g	125 g
Mounting Method	Ceiling	Ceiling
Application Scenario	Indoor	Indoor
Standard Battery Life	10 years in standard standby status	10 years in standard standby status
Battery Type	Non Replaceable CR17450 x 1	Non Replaceable CR17450 x 1

Model	DS-PDWL-E-WE	DS-PDWL-E-WB	DS-PDMC-EG2-WE	DS-PDMC-EG2-WB	DS-PDMCX-E-WE	DS-PDMCX-E-WB
Image			HOT	HOT		
Detection Method	Water Leak Detection	Water Leak Detection	Opening Contact	Opening Contact	Opening Contact	Opening Contact
Detection Gap	/	/	43 mm Max	43 mm Max	76 mm Max	76 mm Max
Digital Processing	Support	Support	Support	Support	Support	Support
Tamper Protection	Front; Rear	Front; Rear	Front; Rear	Front; Rear	Front; Rear	Front; Rear
Environment Temperature Indicator	Support	Support	Support	Support	Support	Support
Signal Strength Indicator	Support	Support	Support	Support	Support	Support
Alarm Input	/	/	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count
Power Switch	/	/	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz	868 MHz	433 MHz	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.2 km	1 km	1.6 km	1.2 km	1.6 km	1 km
Frequency Hopping	Support	Support	Support	Support	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code
Standard Battery Life	3 years in work status (being triggered 20 times per day)	3 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered	Battery Powered	Battery Powered	Battery Powered	Battery Powered
Battery Type	CR2450 x 1 (Included)	CR2450 x 1 (Included)	CR123A x 1 (Included)	CR123A x 1 (Included)	CR123A x 1 (Included)	CR123A x 1 (Included)
Typical Voltage	3 V	3 V	3 V	3 V	3 V	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 149 °F)	-30 °C to 60 °C (-22 °F to 149 °F)
Operation Humidity	10% to 90%	10% to 90%	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
Dimension (W x H x D)	62.4 mm × 62.4 mm × 14.6 mm	62.4 mm × 62.4 mm × 14.6 mm	22.5 × 103 × 23.2 mm 13 × 34.4 × 11.4 mm	22.5 × 103 × 23.2 mm 13 × 34.4 × 11.4 mm	40.5 × 146 × 40.9 mm 30.5 × 146 × 40.9 mm	40.5 × 146 × 40.9 mm 30.5 × 146 × 40.9 mm
Weight	85.5 g	85.5 g	59 g	59 g	247 g	247 g
Mounting Method	Wall; Surface	Wall; Surface				
Application Scenario	Indoor	Indoor	Indoor	Indoor	Outdoor	Outdoor

Wireless Magnet-Shock Detector

Model	DS-PDMCK-EG2-WE	DS-PDMCK-EG2-WB
Image		
Detection Method	Opening Contact;Shock Sensor	Opening Contact;Shock Sensor
Detection Gap	43 mm Max	43 mm Max
Sensitivity	Shock Detection: High,Normal,Low Tilt Detection: Up to 25°	Shock Detection: High,Normal,Low Tilt Detection: Up to 25°
Digital Processing	Support	Support
Tamper Protection	Front; Rear	Front; Rear
Environment Temperature Indicator	Support	Support
Signal Strength Indicator	Support	Support
Alarm Input	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count
Power Switch	Power Up Enrolling	Power Up Enrolling
LED Indicator	Green (MC), Orange (tilt), Red (shock), Blue (Alarm)	Green (MC), Orange (tilt), Red (shock), Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.6 km	1 km
Frequency Hopping	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code
Standard Battery Life	3 years in work status (being triggered 20 times per day)	3 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered	Battery Powered
Battery Type	CR123A x 1 (Included)	CR123A x 1 (Included)
Typical Voltage	3 V	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10 % to 90 %	10 % to 90 %
Dimension (W x H x D)	22.5 mm × 103 mm × 23.2 mm 13 mm × 34.4 mm × 11.4 mm	22.5 mm × 103 mm × 23.2 mm 13 mm × 34.4 mm × 11.4 mm
Weight	60 g	60 g
Application Scenario	Indoor	Indoor

Wireless Glass Break Detector

Model	DS-PDBG8-EG2-WE	DS-PDBG8-EG2-WB
Image		
Detection Method	Acoustic Sensor	Acoustic Sensor
Detection Range	8 m	8 m
Detection Angle	120°	120°
Sensitivity	2 m; 4 m; 6 m; 8 m	2 m; 4 m; 6 m; 8 m
Glass Type	Float; Plate; Tampered; Wired; Laminated Leaded; Double Glazing	Float; Plate; Tampered; Wired; Laminated Leaded; Double Glazing
Glass Thickness	2.4 mm to 6.4 mm	2.4 mm to 6.4 mm
Glass Size	0.3 m x 0.3 m to 3 m x 3 m	0.3 m x 0.3 m to 3 m x 3 m
Digital Processing	Support	Support
Tamper Protection	Front; Rear	Front; Rear
Environment Temperature Indicator	Support	Support
Signal Strength Indicator	Support	Support
Alarm Input	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count
Power Switch	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue (Alarm)	Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless
Transmission Method	Two-Way RF Wireless	Two-Way RF Wireless
Transmission Frequency	868 MHz	433 MHz
Transmission Security	AES-128 Encryption	AES-128 Encryption
Transmission Range(Free Space)	1.6 km	1 km
Frequency Hopping	Support	Support
Enrolling Method	Power up; Remote ID; QR Code	Power up; Remote ID; QR Code
Power Supply	Battery Powered	Battery Powered
Battery Type	CR123A × 2 (Included)	CR123A × 2 (Included)
Typical Voltage	3 V	3 V
Standard Battery Life	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10 % to 90 %	10 % to 90 %
Dimension (W x H x D)	38.8 mm × 107.0 mm × 24.5 mm	38.8 mm × 107.0 mm × 24.5 mm
Weight	83 g	83 g
Mounting Method	Wall; Ceiling	Wall; Ceiling
Application Scenario	Indoor	Indoor

Wireless Temperature Detector

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

Model	Signal I/O Transmitter		Multiple I/O Transmitter		PSU Expander	
	DS-PM1-I1-WE	DS-PM1-I1-WB	DS-PM1-I1602-WE	DS-PM1-I1602-WB	DS-PM1-D	DS-PM2-D
Image					Compatible AXPRO	Compatible AXPRO
Serial port	1	1	1	1	/	/
Power switch	1	1	1	1	/	/
Alarm input	1 Alarm, 1 Tamper	1 Alarm, 1 Tamper	16	16	/	/
Alarm output	1 PGM, AM/Output	1 PGM, AM/Output	2	2	/	/
Power Output	1, 3.3 V up to 10 mA	1, 3.3 V up to 10 mA	2 (12 v, total1 A)	2 (12 v, total1 A)	5.5 VDC, Up to 2 A	5 VDC, Up to 2 A
Power supply	3 CR123	3 CR123	100-240 VAC, 30 w	100-240 VAC, 30 w	8-24 VDC, Up to 2 A	4-16 VDC, Up to 2 A
Operation humidity	10 % ~ 90 %	10 % ~ 90 %	10 % ~ 90 %	10 % ~ 90 %	10 % ~ 90 %	10 % ~ 90 %
Operation temperature	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)
Power consumption	Quiescent current: 40.29 uA; Max current: 47.85 mA; Voltage: 3 VDC	Quiescent current: 40.29 uA; Max current: 47.85 mA; Voltage: 3 VDC	Battery Supply: Quiescent current (50 mA), Max current (1500 mA), Voltage (13.8 V) 220V Supply: Quiescent current (45 mA), Max current (300 mA), Voltage (220 V)	Battery Supply: Quiescent current (50 mA), Max current (1500 mA), Voltage (13.8 V) 220V Supply: Quiescent current (45 mA), Max current (300 mA), Voltage (220 V)	/	/
Battery life span	More than 5 years	More than 5 years	Up to 36 hours	Up to 36 hours	/	/
RF frequency	868 MHz	433 MHz	868 MHz	433 MHz	/	/
Indicator	3	3	3	3	/	/
Dimension(WxHxD)	102 × 41 × 20 mm	102 × 41 × 20 mm	261 × 199 × 86.4 mm	261 × 199 × 86.4 mm	80 × 90 × 15 mm	80 × 90 × 15 mm
Weight	35 g (Without Battery), 90 g (With Battery)	35 g (Without Battery), 90 g (With Battery)	975 g (without battery), 3024 g (with battery)	975 g (without battery), 3024 g (with battery)	35 g	35 g

Model	DS-PK1-E-WE	DS-PK1-E-WB	DS-PK1-LT-WE	DS-PK1-LT-WB
Image			HOT menu operation	HOT menu operation
Colour	White	White	White	White
Installation	Wall mounting	Wall mounting	Wall mounting	Wall mounting
Funtion buttons	Stay and away arm, disarm, fire, medical, PA, output control, enter and cancel	Stay and away arm, disarm, fire, medical, PA, output control, enter and cancel	*, #, Query, Away arm, Stay arm, Disarm, Output, Project, Right, Left	*, #, Query, Away arm, Stay arm, Disarm, Output, Project, Right, Left
Numeric buttons	0-9	0-9	0-9	0-9
Area display backlight	Support	Support	Support	Support
LED indicators	Arm (blue), fault (amber), alarm (red), signal (green)	Arm (blue), fault (amber), alarm (red), signal (green)	Fault(orange), Enrollment/Signal (red/green), Arm(blue), Disarm(green), Alarm (red)	Fault(orange), Enrollment/Signal (red/green), Arm(blue), Disarm(green), Alarm (red)
Frame backlight	Yes	Yes	Yes	Yes
Buzzer	Entry, exit, alarm and warning tones	Entry, exit, alarm and warning tones	Supported	Supported
Tamper protection	Front and back	Front and back	Front and back	Front and back
Wireless technology	Tri-X Wireless Technology	Tri-X Wireless Technology	Tri-X Wireless Technology	Tri-X Wireless Technology
Two-way wireless communication	Yes	Yes	Yes	Yes
Transmission frequency	868 MHz	433 MHz	868MHz	433 MHz
RF range	1.2 km (open space)	900 m (open space)	1.2 km (open space)	800 m (open space)
Transmission encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
Enrolling methods	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency hopping	Multichannel transmisstion	Multichannel transmisstion	Multichannel transmisstion	Multichannel transmisstion
Signal strength indicators	Yes	Yes	Yes	Yes
Environment temperature indicator	Yes	Yes	Yes	Yes
Programming method	Advanced wireless link	Advanced wireless link	Advanced wireless link	Advanced wireless link
Battery	AA x 4 (included)	AA x 4 (included)	CR123x 4 (included)	CR123x 4 (included)
Standard battery life	3 years	3 years	Standby time more than two years	Standby time more than two years
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (W × H × D)	86 × 140 × 22 mm	86 × 140 × 22 mm	174.63 × 109.62 × 25.25 mm	174.63 × 109.62 × 25.25 mm

Model	DS-PT1-WE	DS-PT1-WB
Image		
Colour	White	White
Installation	Wall mounting	Wall mounting
Individual area arming	Individual or group arming	Individual or group arming
Area display LEDs	Up to 4 areas	Up to 4 areas
LED indicators	Area status (blue x 4) alarm/fault (red/amber x 1)	Area status (blue x 4) alarm/fault (red/amber x 1)
Buzzer	Entry, exit, alarm and warning tones	Entry, exit, alarm and warning tones
Tamper protection	Front and back	Front and back
Wireless technology	Tri-X Wireless Technology	Tri-X Wireless Technology
Two-way wireless communication	Yes	Yes
Transmission frequency	868 MHz	433 MHz
RF range	1.2 km (open space)	900 m (open space)
Transmission encryption	AES-128 encryption	AES-128 encryption
Enrolling methods	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency hopping	Multichannel transmisstion	Multichannel transmisstion
Signal strength indicators	Yes	Yes
Environment temperature indicator	Yes	Yes
Programming method	Advanced wireless link	Advanced wireless link
Battery	AA x 4 (included)	AA x 4 (included)
Standard battery life	3 years	3 years
Dimension (W × H × D)	75 x 124 x 0.8 mm	75 x 124 x 0.8 mm
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)

Model	DS-PS1-E-WE	DS-PS1-E-WB	DS-PS1-I-WE	DS-PS1-I-WE	DS-PS1-II-WE	DS-PS1-II-WB
Image					HOT 2-way audio	HOT 2-way audio
Colour	Blue/Red/Amber	Blue/Red/Amber	White	White	White	White
Installation	Wall mounting	Wall mounting	Wall mounting	Wall mounting	Wall mounting	Wall mounting
Sounder Output	110 dB	110 dB	110 dB	110 dB	90 to 110 dB	90 to 110 dB
Piezo sounder	Yes	Yes	Yes	Yes	Yes	Yes
LED strobe	Yes	Yes	Blue or red	Blue or red	Blue or red	Blue or red
Tamper protection	Front and back	Front and back	Front and back	Front and back	Front and back	Front and back
Encapsulated PCB	Yes	Yes	Yes	Yes	Yes	Yes
Wireless technology	Tri-X Wireless Technology	Tri-X Wireless Technology	Tri-X Wireless Technology	Tri-X Wireless Technology	Cam-X Wireless Technology	Cam-X Wireless Technology
Two-way wireless communication	Yes	Yes	Yes	Yes	Yes	Yes
Transmission frequency	868 MHz	433 MHz	868 MHz	433 MHz	868 MHz	433 MHz
RF range	1.6 km (open space)	900 m (open space)	1.6 km (open space)	900 m (open space)	1000 m (open area)	800 m (open area)
Transmission encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
Enrolling methods	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code	Power up, remote ID and QR code
Frequency hopping	Multichannel transmisstion	Multichannel transmisstion	Multichannel transmisstion	Multichannel transmisstion	Multichannel transmisstion	Multichannel transmisstion
Signal strength indicators	Yes	Yes	Yes	Yes	Yes	Yes
Environment temperature indicator	Yes	Yes	Yes	Yes	Yes	Yes
Programming method	Advanced wireless link	Advanced wireless link	Advanced wireless link	Advanced wireless link	Advanced wireless link	Advanced wireless link
Power input	12 VDC (independent from battery)	12 VDC (independent from battery)	—	—	12VDC (independent from battery)	12VDC (independent from battery)
Battery	CR123A x 4 (included)	CR123A x 4 (included)	CR123A x 4 (included)	CR123A x 4 (included)	CR123A x 4 (included)	CR123A x 4 (included)
Standard battery life	5 years	5 years	5 years	5 years	Up to 2 years (Alarm once a week, 5 mins alarm and 5 mins talk)	Up to 2 years (Alarm once a week, 5 mins alarm and 5 mins talk)
Dimension (W × H × D)	190 x 200 x 47.4 mm	190 x 200 x 47.4 mm	90 x 90 x 30 mm	90 x 90 x 30 mm	130 x 128 x 39.5 mm	130 x 128 x 39.5 mm
IP rating	IP65	IP65	—	—	—	—

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

Model	DS-PT-M1	DS-PTS-MF
Image		
Color	White	White
Operation temperature	-10 ℃ to 50 ℃ (14 °F to 122 °F)	-10 ℃ to 50 ℃ (14 °F to 122 °F)
Shell material	PVC, ABS	PVC, AB resin
Dimension (W × H × D)	41 x 32 x 3.5 mm	26 x 50 x 4.5 mm

Model	DS-PM1-01H-WE
Image	
Color	White
Learning Button	1, For register
Relay output	1, NO/NC (AC 100-240v, Max 13A)
RF method	Two way communication
RF Modulation	2 GFSK
RF Frequency	868 MHz
RF Distance	1.6 km (open space)
Wireless Security	AES-128
Power supply	AC 100V – 240V, 50/60 Hz
LEDs Status	3, Register/Signal (Green/Red), Power (Green), Relay Status (Blue)
Operation temperature	-10 ℃ to 55 ℃ (14 °F to 131 °F)
Operation humidity	10 % to 90 %
Shell material	Plastic
Dimension (W x H x D)	38 x 25 x 18 mm
Weight	31.5 g
Installation method	Wall Mounting or Inside 86 box

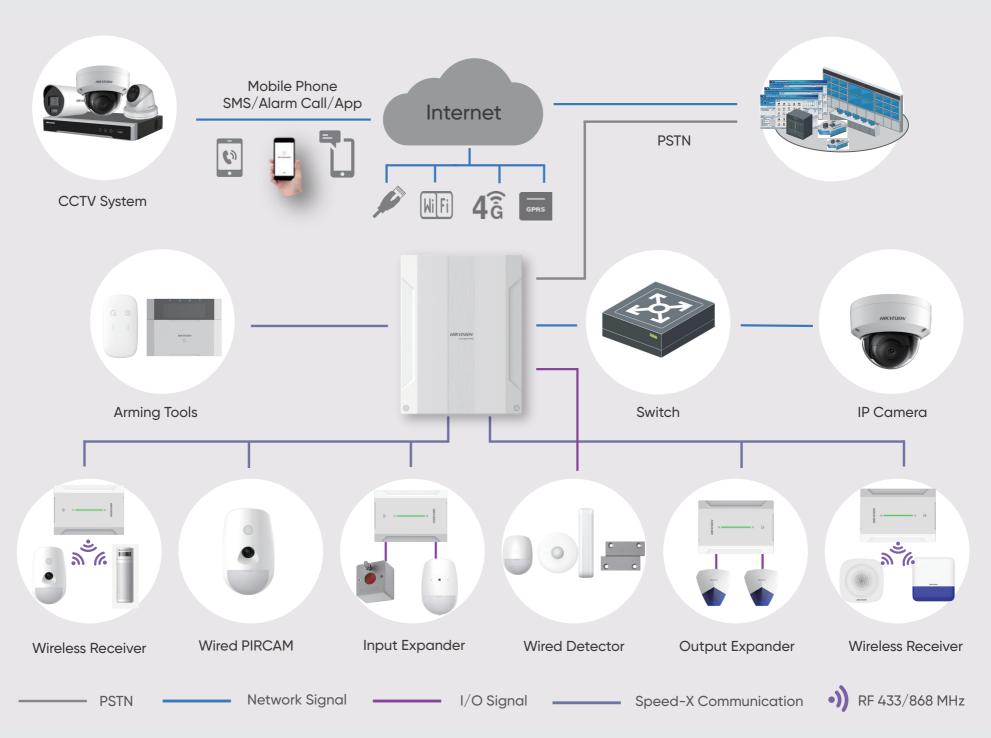| Model	DS-PM1-01H-WB	DS-PM1-01L-WE	DS-PM1-01L-WB	DS-PSP1-WE	DS-PSP1-WB
Image					
Color	White	White	White	White	White
Learning Button	1, For register	1, For register	1, For register	1, For register	1, For register
Relay output	1, NO/NC (AC 100-240v, Max 13A)	1, NO/NC (0-36V DC, Max 5A)	1, NO/NC (0-36V DC, Max 5A)	——	——
RF method	Two way communication	Two way communication	Two way communication	Two way communication	Two way communication
RF Modulation	2 GFSK	2 GFSK	2 GFSK	2 GFSK	2 GFSK
RF Frequency	433 MHz	868 MHz	433 MHz	868 MHz	433 MHz
RF Distance	800 m (open space)	1.6 km (open space)	800 m (open space)	1.6 km (open space)	800 m (open space)
Wireless Security	AES-128	AES-128	AES-128	AES-128	AES-128
Power supply	AC 100 V – 240 V, 50/60 Hz	DC 7 V – 24 V	DC 7 V – 24 V	AC 100 V – 240 V, 50/60 Hz , Max 10 A	AC 100 V – 240 V, 50/60 Hz , Max 10 A
LEDs Status	3, Register/Signal (Green/Red), Power (Green), Relay Status (Blue)	3, Register/Signal (Green/Red), Power (Green), Relay Status (Blue)	3, Register/Signal (Green/Red), Power (Green), Relay Status (Blue)	1 (Green/Red)	1 (Green/Red)
Operation temperature	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)
Operation humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
Shell material	Plastic	Plastic	Plastic	Plastic	Plastic
Dimension (W x H x D)	38 x 25 x 18 mm	38 x 25 x 18 mm	38 x 25 x 18 mm	52 x 52 x 88 mm	52 x 52 x 88 mm
Weight	31.5 g	28.5 g	28.5 g	85 g	85 g
Installation method	Wall Mounting or Inside 86 box	Wall Mounting	Wall Mounting	Plug into Socket	Plug into Socket

Simplicity through Innovation
AX Hybrid PRO Intrusion Alarm

Hikvision's innovations in intrusion protection have reached a new stage with the launch of our next-generation AX Hybrid PRO alarm system. Inheriting the elegant design of the original AX PRO and embedded with cutting-edge technologies, the AX Hybrid PRO Series offers the unique combination of reliable wired protection with expanded flexibility and seamless wireless integration.

Catering to the more complicated needs of home and business scenarios, the AX Hybrid PRO Series is designed to protect small shops, offices, and residential buildings from theft, robbery, fire, and flooding, with instant and visual alarm verification for real assurance.

> Expanded flexibility with great performance

> Stay informed with real-time visual verification

> Comprehensive protection with the synergy of wired and wireless detection

> Open and convergent system in hand

SIMPLICITY THROUGH INNOVATION

Speed-X

AX Hybrid PRO Series
Intrusion Alarm System

EXPANDED FLEXIBILITY WITH GREAT PERFORMANCE

CCTV System

Mobile Phone
SMS/Alarm Call/App

Internet

PSTN

WiFi 4G GPRS

Arming Tools

Switch

IP Camera

Wireless Receiver

Wired PIRCAM

Input Expander

Wired Detector

Output Expander

Wireless Receiver

—— PSTN —— Network Signal —— I/O Signal —— Speed-X Communication •)) RF 433/868 MHz

Model	DS-PHA48-EP	DS-PHA64-LP
Image	Up to 48 Inputs, 48 Outputs; Supports 2 Channel Video Verification	Up to 64 Inputs, 64 Outputs; Supports 4 Channel Video Verification
Avaliable Model	Plastic	Plastic
Alarm Input	48 (8 on-board zones, max 4 wired PIRCAM)	64 (8 On-board zones, max 8 wired PIRCAM)
Alarm Output	48 (Including 2 on-board relay outputs and 2 I/O outputs)	64 (Including 2 on-board relay outputs and 2 on-board I/O outputs)
Area	16	32
Wifi Module	NO	YES
Sounder	1 wired on-board sounder output,8 wireless sounders	1 wired on-board sounder output,16 wireless sounders
SMS Notification (with 3G/4G/GPRS module)	Supports (with GPRS/3G/4G module)	Supports (with GPRS/3G/4G module)
Network Camera Accessing	2	4
Cellular Network (with 3G/4G/GPRS module)	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud
Tamper Switch	1 switch to detect removal from mounting 1 switch to detect front cover open	1 switch to detect removal from mounting 1 switch to detect front cover open
Network Interface	1 RJ45 10 M/100 M Ethernet interface WIFI	1 RJ45 10 M/100 M Ethernet interface WIFI
Telephone Interface	1, PSTN expander interface	1, PSTN expander interface
Battery Interface	Lead acid battery (12 V, 7 Ah, battery is not included by default)	Lead acid battery(12V 7Ah, battery is not included by default)
Operation Temperature	-10 °C to 40 °C (14 °F to 104 °F)	-10 °C to 40 °C (14 °F to 104 °F)

Model	DS-PDP18-EG2	DS-PDC15-EG2	DS-PDD12P-EG2	DS-PDD15AM-EG2
Image	HOT		HOT	
Detection range	18 m, 85.9°	15 m, 6.3°	12 m, 85.9°	15 m, 85.9°
Detection speed	0.3 - 2 m/s	0.3 - 2 m/s	0.3 - 2 m/s	0.3 - 2 m/s
Sensitivity	High, Auto, Low	—	Auto, Pet	Auto, Low
Pet Immunity	10 Kg	—	30 Kg	—
Onboard EOL	Yes	Yes	Yes	Yes
Digital temperature compensation	Yes	Yes	Yes	Yes
Detection Method	Passive Infrared	Passive Infrared	Passive Infrared; Microwave	Passive Infrared
Anti-masking	—	—	—	Yes
Anti-cloaking	—	—	—	Yes
Anti-blocking	—	—	—	Yes
SEC technology	Yes	Yes	Yes	Yes
Sealed optics	Yes	Yes	Yes	Yes
Creep zone protection	Yes	Yes	Yes	Yes
Direct light filter	6500 lux	6500 lux	6500 lux	6500 lux
Tamper Protection	Front	Front	Front	Front
LED Indicator	Blue (alarm)	Blue (alarm)	Green(PIR), Orange(Microwave), Blue(Alarm)	Green(PIR), Red(Microwave), Blue(Alarm)
Power supply	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)
Current consumption	11 mA max	11 mA max	17 mA max	25 mA max
Operating temperature	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 55 ℃ (14 °F to 131 °F)
Storage temperature	-20 ℃ to 60 ℃ (-4 °F to 140 °F)	-20 ℃ to 60 ℃ (-4 °F to 140 °F)	-20 ℃ to 60 ℃ (-4 °F to 140 °F)	-20 ℃ to 60 ℃ (-4 °F to 140 °F)
Operating humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
Installation height	1.8 to 2.4 m	2.4 m to 3.6 m	1.8 m to 2.4 m	1.8 to 2.4 m
Microwave frequency	—	—	24 Ghz (24.15 Ghz to 24.25 Ghz)	24 Ghz (24.15 Ghz to 24.25 Ghz)
Dimension(WxHxD)	65.4 x 86.8 x 45.5 mm	86.8 x 65.4 x 45.5 mm	65.7 mm (2.59 ") × 103.8 mm (4.09 ") × 45.5 mm (1. 79 ")	65.7 mm (2.59 ") × 103.8 mm (4.09 ") × 45.5 mm (1. 79 ")
IP Rate	—	—	—	—
Weight	68 g	68 g	99 g	100 g

Model	DS-PDC5NC-EG2	DS-PDC10DM-VG3	DS-PDC10AM-VG3	DS-PDCL12-EG2	DS-PDCL12DT-EG2
Image					
Detection range	Ceiling Mount: 5 m, 5°	Wall Mount, 10 m Ceiling Mount, 6 m, 5°	Wall Mount, 10m Ceiling Mount, 6 m, 5°	12 m, 360°	12 m, 360°
Detection speed	0.2 ~ 3 m/s	0.2 ~ 3 m/s	0.2 ~ 3 m/s	0.3 ~ 2 m/s	0.3 ~ 2 m/s
Sensitivity	Auto	Auto	Auto	Auto, Low	Auto, Low
Pet Immunity	—	—	—	—	—
Onboard EOL	Yes	Yes	Yes	Yes	Yes
Digital temperature compensation	Yes	Yes	Yes	Yes	Yes
Detection Method	Passive Infrared	Passive Infrared; Microwave	Passive Infrared	Passive Infrared	Passive Infrared; Microwave
Anti-masking	—	Yes	Yes	—	—
Anti-cloaking	—	—	—	—	—
Anti-blocking	—	—	—	—	—
SEC technology	Yes	Yes	Yes	Yes	Yes
Sealed optics	Yes	Yes	Yes	Yes	Yes
Creep zone protection	Yes	Yes	Yes	Yes	Yes
Direct light filter	6500 lux	6500 lux	6500 lux	6500 lux	6500 lux
Tamper Protection	Front	Front	Front	Front	Front
LED Indicator	Blue (Alarm)	Green (PIR), Red (Microwave), Green +Orange (Mask), Blue (Alarm)	Blue (Alarm), Green + Orange (Mask)	Blue (Alarm)	Green (PIR), Orange (Microwave), Blue (Alarm)
Power supply	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)
Current consumption	22 mA max	22 mA max	22 mA max	13 mA max	13 mA max
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to 60 °C (-4 °F to 140 °F)
Operating humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
Installation height	2.4 to 4 m	2 to 4 m	2 to 4 m	2.4 to 4 m	2.4 to 4 m
Microwave frequency	-	24 Ghz (24.15 Ghz to 24.25 Ghz)	—	—	24 GHz(24.15-24.25 GHz)
Dimension(WxHxD)	29.7 mm × 78.1 mm × 24.8 mm	29.2 mm × 134.4 mm × 39.5 mm	29.2 mm × 134.4 mm × 39.5 mm	φ101.2 mm x 32.9 mm	φ120 mm x 33.2 mm
IP Rate	\	IP65	IP65	—	—
Weight	31.5 g	79 g	77.5 g	79 g	138 g

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

Wired Glass Break Detector   **Glass Break Tester**

Model	DS-PDPG12P-EG2	DS-PDBG8-EG2	DS-PDBGTS
Image			Normal/Flex
Detection Method	Passive Infrared;Acoustic Sensor	Acoustic Sensor	/
Detection Range	12 m	8 m	/
Detection Angle	85.9°	/	/
Detectable Speed	0.3 ~ 2 m/s	/	/
Pet Immunity	30 Kg	/	/
PIR Sensitivity	Auto, Pet	/	/
Creep Zone Protection	Support	/	/
White Light Filter	6500lux	/	/
Glass Type	Float; Plate; Tampered; Wired; Laminated Leaded; Double Glazing	Float; Plate; Tampered; Wired; Laminated Leaded; Double Glazing	Float/Plate/Tempered
Glass Thickness	2.4 mm to 6.4 mm	2.4 mm to 6.4 mm	/
Glass Size	0.3 m x 0.3 m to 3 m x 3 m	0.3 m x 0.3 m to 3 m x 3 m	/
Digital Processing	Support	Support	/
Sealed Optics	Support	Support	/
Tamper Protection	Front	Front	/
Alarm Output	Normally Closed	Normally Closed	100 dB at 1 meter
LED Indicator	Green (PIR),Red (BG),Blue (alarm)	Red (High Frequency Trigger), Green (Low Frequency Trigger), Blue (Alarm)	/
Power Supply	9 to 16 VDC	9-16 VDC	CR123A × 4
Power Consumption	36 mA Max	25 mA	/
Typical Voltage	12 VDC	12 V	3 V
Operation Humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %
Dimension(WxHxD)	65.5 mm × 103 mm × 48.5 mm	38.8 mm × 107 mm × 22.5 mm	90.1 mm ×203.6 mm × 49 mm
Weight	98.5 g	49.5 g	520 g
Mounting Height	1.8 to 2.4 m	/	/
Mounting Method	Wall	Wall; Ceiling	/
Application Scenario	Indoor	Indoor	Indoor, Portable

Wired Panic Button / Wired Treadle Panic Button

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

Wired Magnetic Contact

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

Wired Shock Detector

Model	DS-PDSK-P	DS-PDSKM-VG3
Image		
Digital Processing	Support	Support
Tamper Protection	Front	Front;Rear
Alarm Output	Normally Closed	Normally Closed
LED Indicator	Blue (Alarm)	Blue (Alarm), Red (Noise Indication
Power Supply	9 - 16 VDC	9 - 16 VDC
Typical Voltage	12 V	12 V
Power Consumption	30 mA	17 mA
Operation Temperature	-10 ℃ to 55 ℃ (14 °F to 131 °F)	-40 ℃ to 70 ℃ (-40 °F to 158 °F)
Storage Temperature	-20 ℃ to 60 ℃ (-4 °F to 140 °F)	-50 ℃ to 70 ℃ (-58 °F to 158 °F)
Operation Humidity	10 % to 90 %	10 % to 90 %
Dimension(WxHxD)	30 mm x 108 mm x 22 mm	60 mm×80 mm×19.5 mm

Model	DS-PDSMK-4BAR	DS-PDSMK-4
Image		
Detection Method	Smoker Detection	Smoker Detection
Alarm threshold	(0.10 ~ 0.16) dB/m (1.51 ~ 2.73) % / ft obscuration	(0.10 ~ 0.16) dB/m (1.51 ~ 2.73) % / ft obscuration
Buzzer	≥ 85 dB @ 3 m	—
Indicator	Two continuous emitting red LEDs	Two continuous emitting red LEDs
Power supply	10.2 ~ 13.8 VDC	10.2 ~ 13.8 VDC
Operation temperature	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)
Operation humidity	0 % ~ 98 % RH, non-condensing	0 % ~ 98 % RH, non-condensing
Dimension (W x H x D)	Φ 100 mm × 35 mm	Φ 100 mm × 35 mm
IP Rate	IP42	IP42
Installation method	Ceiling mounted	Ceiling mounted
Storage Temperature	-25 °C to 80 °C	-25 °C to 80 °C

Model	DS-PK1-LRT-HWE	DS-PK1-LRT-HWB
Image	Compatible with AX Hybrid PRO menu operation	Compatible with AX Hybrid PRO menu operation
Numeric key	0 to 9, *, #	
Function Key	Query, Away Aram, Stay Arm, Disarm, Alarm Output, Project, Left, Right	
Indicator	4 indicators and 1 backlight: 1. Power: Green 2. Faults: Fault-Orange / Alert-Flashing orange / Find me mode-flashing green 3. Armed: Blue 4. Alarm: Red 5. Keypad button backlight: White	
Tamper-Proof	1 Back-cover Tamper-switch (Will be damaged when tamper triggered)	
Uplink Communication	Speed-X Bus	
Alarm input	2 On-board Alarm inputs	2 On-board Alarm inputs
Alarm output	1 On-board Alarm output	1 On-board Alarm output
Sound Prompt	Buzzer	Buzzer
Wireless Frequency	868 MHZ	433 MHZ
Dimension (W × H × D)	150 x 115 x 28 mm	150 x 115 x 28 mm
Operating temperature	- 10 °C to 55 °C (14 °F to 131 °F)	- 10 °C to 55 °C (14 °F to 131 °F)
Operation humidity	10 % ~ 90 %	10 % ~ 90 %

Model	DS-PM1-I802-H	DS-PM1-O4L-H	DS-PM1-O4H-H	DS-PM1-RT-HWB	DS-PM1-RT-HWE
Image	Compatible with AX Hybrid PRO Supporting Cascade connection	Compatible with AX Hybrid PRO 4 Relays. Supporting 6-30VDC and up to 5A current each Supporting Cascade connection	Compatible with AX Hybrid PRO 4 Relays. Supporting 6-30VDC and up to 5A current each Supporting Cascade connection	Compatible with AX Hybrid PRO Wireless transmission distance up to 1300m	Compatible with AX Hybrid PRO Wireless transmission distance up to 1300m
Frequency	/	/	/	433 MHz	868 MHz
Capability	/	/	/	Supports 32 wireless detectors, 4 wireless indoor sounders and 8 wireless outdoor sounders	Supports 32 wireless detectors, 4 wireless indoor sounders and 8 wireless outdoor sounders
Uplink Communication	Speed-X Bus	Speed-X Bus	Speed-X Bus	Speed-X Bus	Speed-X Bus
Downlink Communication	Speed-X Bus, used for expander cascading	Speed-X Bus, used for expander cascading	Speed-X Bus, used for expander cascading	/	/
Power supply	9 to 15 VDC, 1A	11 to 24 VDC, 1A	9 to 24 VDC, 1A	9 to 24 VDC, 1A	9 to 24 VDC, 1A
Power consumption	Maximum current 119 mA@12 VDC Quiescent current 45 mA@12 VDC	Maximum current 153 mA@12 VDC; Quiescent current 70mA@12 VDC	Maximum current 210 mA@12 VDC; Quiescent current 65 mA@12 VDC	/	/
Output Voltage	9 to 15 VDC (Same voltage as power supply)	9 to 12 VDC	/	/	/
Output Current	Maximum 500 mA	Maximum 500 mA	/	/	/
Input	8	/	/	/	/
Output	/	4	4	/	/
Dimensions (mm)	110 x 155 x 32 mm	110 mm × 155 mm × 32.5 mm	110 mm × 155 mm × 32.5 mm	110 mm × 155 mm × 32 mm	110 mm × 155 mm × 32 mm
Operating temperature	- 10 ℃ to 55 ℃ (14 °F to 131 °F)	-10 ℃ to 40 ℃ (14 °F to 104 °F)	-10 ℃ to 40 ℃ (14 °F to 104 °F)	/	/
Operation humidity	10 % - 90 %	10 % - 90 %	10 % - 90 %	/	/

Emergency Alarm

Quick Response To Security Needs

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

› Video collection and 24/7 monitoring with 2 MP HD IR camera

› Internal audible and visual alarm

› Electronically controlled & conventional cabinet locks

Model	DS-PEAP-CVS1	DS-PEAP-CV1	DS-PEAP-CVS1E	DS-PEAP-CV1E
Image	1. Dual network ports 5. Standard SIP 2. Support POE 6. Braille on button 3. IK10 7. 3G/4G 4. IP65 8. Video panic alatm	1. Dual network ports 5. Standard SIP 2. Support POE 6. Braille on button 3. IK10 7. Video panic alatm 4. IP65	1. Dual network ports 6. Braille on button 2. Support POE 7. 3G/4G 3. IK10 8. Video panic alatm 4. IP65 9. Flush mounting 5. Standard SIP	1. Dual network ports 5. Standard SIP 2. Support POE 6. Braille on button 3. IK10 7. Video panic alatm 4. IP65 8. Flush mounting
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	2 MP HD IR Camera	2 MP HD IR Camera	2 MP HD IR Camera	2 MP HD IR Camera
Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m
Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP
Ethernet	10 M/100 M Self-adaptive Ethernet Port	10 M/100 M Self-adaptive Ethernet Port	10 M/100 M Self-adaptive Ethernet Port	10 M/100 M Self-adaptive Ethernet Port
Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port
IO Input	2	2	2	2
IO Output	2	2	2	2
Public Network Transmission	ISUP/EZVIZ/Standard SIP	ISUP/EZVIZ/Standard SIP	ISUP/EZVIZ/Standard SIP	ISUP/EZVIZ/Standard SIP
Network Encryption	User name and password authentication	User name and password authentication	User name and password authentication	User name and password authentication
Switch	NO	NO	NO	NO
Alarm Lamp	NO	NO	NO	NO
Siren	NO	NO	NO	NO
SD Card	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G
3G/4G Module	Yes	No	Yes	No
Power Supply	DC 12V/POE	DC 12V/POE	DC 12V/POE	DC 12V/POE
Operation Temperature	-40 ℃ to 65 ℃ (-40 °F to 149 °F)	-40 ℃ to 65 ℃ (-40 °F to 149 °F)	-40 ℃ to 65 ℃ (-40 °F to 149 °F)	-40 ℃ to 65 ℃ (-40 °F to 149 °F)
Installation	Wall Mounting	Wall Mounting	Wall Mounting	Wall Mounting
Dimension(mm)	190 x 119 x 47	190 x 119 x 47	229 x 138 x 44.5	229 x 138 x 44.5
Mounting mode	Surface mounting	Surface mounting	Flush mounting	Flush mounting

Model	DS-PEA101-V1-Y	DS-PEA101-V1-S	DS-PEA101-V1-R	DS-PEA101-V1-PS	DS-PEA102Y	DS-PEA102S	DS-PEA102R
Image	1.One-touch emergency calling 2.Explosion-proof level: IK09&IP65 3.Supports AEC/AGC/ANC	1.One-touch emergency calling 2.Explosion-proof level: IK09&IP65 3.Supports AEC/AGC/ANC	1.One-touch emergency calling 2.Explosion-proof level: IK09&IP65 3.Supports AEC/AGC/ANC	1.One-touch emergency calling 2.Explosion-proof level: IK09&IP65 3.Supports AEC/AGC/ANC 4.Supports PoE	1.One-touch emergency calling 2.Explosion-proof level: IK08&IP54 3.Supports AEC/AGC/ANC	1.One-touch emergency calling 2.Explosion-proof level: IK08&IP54 3.Supports AEC/AGC/ANC	1.One-touch emergency calling 2.Explosion-proof level: IK08&IP54 3.Supports AEC/AGC/ANC
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	NO	NO	NO	NO	NO	NO	NO
Audio Input	1-ch Built-in Omnidirectional Microphone Pickup Distance: 5 m	1-ch Built-in Omnidirectional Microphone Pickup Distance: 5 m	1-ch Built-in Omnidirectional Microphone Pickup Distance: 5 m	1-ch Built-in Omnidirectional Microphone Pickup Distance: 5 m	1-ch Built-in Omnidirectional Microphone Pickup Distance: 5 m	1-ch Built-in Omnidirectional Microphone Pickup Distance: 5 m	1-ch Built-in Omnidirectional Microphone Pickup Distance: 5 m
Audio Output	1-ch 3 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker	1-ch 3 W Build-in Loudspeaker
Network Protocol	TCP/IP, RTSP, HIK-SIP, Standard SIP	TCP/IP, RTSP, HIK-SIP, Standard SIP	TCP/IP, RTSP, HIK-SIP, Standard SIP	TCP/IP, RTSP, HIK-SIP, Standard SIP	TCP/IP, RTSP, HIK-SIP, Standard SIP	TCP/IP, RTSP, HIK-SIP, Standard SIP	TCP/IP, RTSP, HIK-SIP, Standard SIP
Ethernet	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port
Ethernet Port	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port	1 RJ45 10 M/100 M Self-adaptive Ethernet port
IO Input	1	1	1	1	1	1	1
IO Output	1	1	1	1	1	1	1
Public Network Transmission	ISUP	ISUP	ISUP	ISUP	ISUP	ISUP	ISUP
Network Encryption	-	-	-	-	-	-	-
Switch	NO	NO	NO	NO	NO	NO	NO
Alarm Lamp	NO	NO	NO	NO	NO	NO	NO
Siren	NO	NO	NO	NO	NO	NO	NO
SD Card	NO	NO	NO	NO	NO	NO	NO
Power Supply	12 VDC/(With Adaptor)	12 VDC/(With Adaptor)	12 VDC/(With Adaptor)	12 VDC(With Adaptor)/ PoE(IEEE802.3af)	12 VDC/(With Adaptor)	12 VDC/(With Adaptor)	12 VDC/(With Adaptor)
Operation Temperature	-20 ℃ to 55 ℃ (-4 °F to 131 °F)	-20 ℃ to 55 ℃ (-4 °F to 131 °F)	-20 ℃ to 55 ℃ (-4 °F to 131 °F)	-20 ℃ to 55 ℃ (-4 °F to 131 °F)	-20 ℃ to 55 ℃ (-4 °F to 131 °F)	-20 ℃ to 55 ℃ (-4 °F to 131 °F)	-20 ℃ to 55 ℃ (-4 °F to 131 °F)
Installation	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted
Dimension(mm)	119.2 × 195.6 × 43.3	119.2 × 195.6 × 43.3	119.2 × 195.6 × 43.3	119.2 × 195.6 × 43.3	179 × 114 × 43.5	179 × 114 × 43.5	179 × 114 × 43.5

Model	DS-PEA1-21	DS-PEA2-21	DS-PEA3M-21	DS-PEA3M-21H
Image	1.Dual network ports 2. Build-in loudspeaker and pickup with cracking voice prevention 3.Video collection and all-day monitoring with 2 MP HD IR camera	1.Dual network ports 2.Video collection and all-day monitoring with 2 MP HD IR camera 3. Internal audible and visual alarm	1.Dual network ports 2.Video collection and all-day monitoring with 2 MP HD IR camera 3.Electronic Controlled Cabinet Lock/Normal Cabinet Lock	1.Dual network ports 2.Video collection and all-day monitoring with 2 MP HD IR camera 3. Internal audible and visual alarm 4. Electronic Controlled Cabinet Lock/Normal Cabinet Lock 5. Including 8 Ports switch
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	2 MP HD IR Camera, IR Distance ≥ 10 m	2 MP HD IR Camera, IR Distance ≥ 10 m	2 MP HD IR Camera, IR Distance ≥ 10 m	2 MP HD IR Camera, IR Distance ≥ 10 m
Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input
Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 30 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 30 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, RTSP, HIK-SIP, ONVIF	TCP/IP, RTSP, HIK-SIP, ONVIF	TCP/IP, RTSP, HIK-SIP, ONVIF	TCP/IP, RTSP, HIK-SIP, ONVIF
Ethernet	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port
Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port
IO Input	2	2	2	2
IO Output	2	2	2	2
Public Network Transmission	ISUP /Hik-Connect	ISUP /Hik-Connect	ISUP /Hik-Connect	ISUP /Hik-Connect
Network Encryption	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt
Switch	NO	NO	No	8-ports switch x 1
Alarm Lamp	NO	1, Light Can be Configured Separately	1 Red and Blue Alarm Lamp, Light Can be Configured Separately	1 Red and Blue Alarm Lamp, Light Can be Configured Separately
Siren	NO	1, Sound Can be Configured Separately	110 dB, Sound Can be Configured Separately	110 dB, Sound Can be Configured Separately
SD Card	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128 G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128 G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128 G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128 G
Power Supply	DC 12 V, POE	DC 12 V, POE	DC 12V, POE	DC 12V, POE
Operation Temperature	-25 °C to 55 °C (-13 °F to 131 °F)	-25 °C to 55 °C (-13 °F to 131 °F)	-25 °C to 55 °C (-13 °F to 131 °F)	-25 °C to 55 °C (-13 °F to 131 °F)
Installation	Wall Mounting	Hold Hooping and Wall Mounting	Ground Mounting	Ground Mounting
Dimension(mm)	218 x 128 x 58	504 x 327.7 x 125	450 x 500 x 2205	450 x 500 x 4534

Model	DS-PEA12-P/ZJ	DS-PEA12-P	DS-PEA301-CVS1-AL
Image	 1.One-touch emergency calling 2.High quality imaging with 2 MP bulit-in camera 3.Supports siren and audio expansion	 1.One-touch emergency calling 2.High quality imaging with 2 MP bulit-in camera 3.Supports siren and audio expansion	 1.One-touch emergency calling 2.High quality imaging with 2 MP bulit-in camera 3.Supports siren and audio expansion
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	2 MP HD IR Camera	2 MP HD IR Camera
Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 1 m
Audio Output	1-ch 30 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 30 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 15 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, RTSP, SIP	TCP/IP, RTSP, SIP	ISUP5.0, STD_SIP, TCP/IP, RTSP
Ethernet	10 M/100 M Self-adaptive Ethernet port	10 M/100 M Self-adaptive Ethernet port	10 M/100 M self adaptive(Internal use only) 4G
Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	1RJ45,10 M/100 M/1000 M self adaptive	1xRJ45,10 M/100 M self adaptive(Internal use only) 4G
IO Input	2	2	1
IO Output	2	2	1
Public Network Transmission	ISUP /Hik-Connect	ISUP /Hik-Connect	/
Network Encryption	Supports User name and password authentication, User Lock-in and Password Security Prompt	Supports User name and password authentication, User Lock-in and Password Security Prompt	/
Switch	/	/	No
Alarm Lamp	1 Red and Blue Alarm Lamp, 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-ch 30 W Build-in Loudspeaker Sound Can be Configured Separately	1-ch 30 W Build-in Loudspeaker Sound Can be Configured Separately	1, Sound Can be Configured Separately
SD Card	Built-in SD slot supports MicroSD / SDHC / SDXC up to 256 GB	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G
Power Supply	110 - 220V AC	110-240V AC	DC12V
Operation Temperature	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉)	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉)	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉)
Installation	Ground Mounting	Ground Mounting	Ground Mounting
Dimension(mm)	Without Bracket: 280 mm × 280 mm × 2148 mm (11.02" × 11.02" × 84.57") With Bracket: 280 mm × 280 mm × 4332 mm (17.72" × 19.69" × 170.56")	Without Bracket: 280 mm × 280 mm × 2148 mm (11.02" × 11.02" × 84.57") With Bracket: 280 mm × 280 mm × 4332 mm (17.72" × 19.69" × 170.56")	350 × 350 × 2440 (without solar panel) 760 × 490 × 3160 (solar panel installed with 45° horizontal angel)

Model	DS-PEA301-CVS1-EA	DS-PEA301-CVS1-NA
Image	 1.One-touch emergency calling 2.High quality imaging with 2 MP bulit-in camera 3.Supports siren and audio expansion	 1.One-touch emergency calling 2.High quality imaging with 2 MP bulit-in camera 3.Supports siren and audio expansion
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	2 MP HD IR Camera	2 MP HD IR Camera
Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 1 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 1 m
Audio Output	1-ch 15 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 15 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	ISUP5.0, STD_SIP, TCP/IP, RTSP	ISUP5.0, STD_SIP, TCP/IP, RTSP
Ethernet	10 M/100 M self adaptive (Internal use only) 4G	10 M/100 M self adaptive (Internal use only) 4G
Ethernet Port	1 x RJ45,10 M/100 M self adaptive (Internal use only) 4G	1 x RJ45,10 M/100 M self adaptive (Internal use only) 4G
IO Input	1	1
IO Output	1	1
Public Network Transmission	/	/
Network Encryption	/	/
Switch	No	No
Alarm Lamp	1 Red and Blue Alarm Lamp, Light Can be Configured Separately	1 Red and Blue Alarm Lamp, Light Can be Configured Separately
Siren	1, Sound Can be Configured Separately	1, Sound Can be Configured Separately
SD Card	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256 G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256 G
Power Supply	DC12V	DC12V
Operation Temperature	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉)	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉)
Installation	Ground Mounting	Ground Mounting
Dimension(mm)	350 x 350 x 2440 (without solar panel) 760 x 490 x 3160 (solar panel installed with 45° horizontal angel)	350 x 350 x 2440 (without solar panel) 760 x 490 x 3160 (solar panel installed with 45° horizontal angel)

Model	DS-PEA4H-10
Appearance	 1. Rotatable 2 MP built-in camera 2. Video intercom between general/ pole/ box panic alarm sation and master station 3. Real-time intercom, monitoring, group broadcast, quick dialing, call forwarding, call waiting etc. 4. Auto noise suppression and auto echo cancellation
Built-in Camera	CMOS, 2 MP, 1920 × 1080, PAL: 25 FPS, NTSC: 30 FPS
Screen	10.1-inch colorful TFT LCD, 1280 × 800
Operation Type	Touch screen, and mechanical key
Audio Input	Built-in microphone, handset, and mic support
Audio Output	Built-in loudspeaker, and handset
Audio Compression Standard	G.711U, G726, AAC, and Opus
Network Protocol	TCP/IP, SIP, RTSP, Onvif, Standard SIP
Network Interface	1 RJ45 10 M/100 M/1000 M Self-adaptive Ethernet Ports
Network Encryption	Supports User name and password authentication, User Lock-in and Password Security Prompt
IO Input	4
IO Output	4, Relay Output
RJ11	1, for handset
VGA Output	1, for display user interface,which can be used synchronously with HDMI
HDMI Output	1, for display user interface, which can be used synchronously with VGA
Micro SDXC	1, Micro SDXC (≤ 128 GB)
USB	1, USB 3.0 1, USB 2.0
Power Supply	12 VDC/ PoE
Operation Humidity	10 % to 90 %
Operation Temperature	-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)
Consumption	≤ 15 W
Dimension (L x W x H)	With handset: 361 × 65 × 197 mm Without handset: 291 × 41 × 197 mm

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