

DS-PDMC-EG2-WB Wireless Magnet Detector

DS-PDMC-EG2-WB is a wireless opening detector that notifies of first signs of room intrusion by means of a broken door or window. It can be mounted on all types of doors including metal base and the onboard inputs will allow user to extend applications by wiring to different wired sensors.

▪ Key Features

- Slim design for an unobtrusive (unnoticeable) installation
- Fully remote configurable through App
- Multiple enrollment methods and easy installation design
- Frequency hopping against jamming for reliable transmission





▪ Specification

Detection Performance	
Detection Method	Opening Contact
Detection Gap	43mm Max
Feature	
Digital Processing	Support
Tamper Protection	Front,Rear
Environment Temperature Indicator	Support
Signal Strength Indicator	Support
Interface	
Alarm Input	Normally Closed,Normally Open,Impulse Count
Power Switch	Power Up Enrolling
LED Indicator	Blue (Alarm)
Transmission	
Transmission Technology	Tri-X Wireless
Transmission Method	Two-Way RF Wireless
Transmission Frequency	433MHz
Transmission Security	AES-128 Encryption
Transmission Range(Free Space)	1.2Km
Frequency Hopping	Support
Enrolling Method	Power up,Remote ID,QR Code
Electrical Characteristics	
Standard Battery Life	5 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered
Battery Type	CR123A x 1
Typical Voltage	3V
General	
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10% to 90%
Dimension(WxHxD)	22.5mm × 103mm × 23.2mm 13mm × 34.4mm × 11.4mm
Weight	59g
Application Scenario	Indoor

▪ Available Model

DS-PDMC-EG2-WB

- Accessory
- Optional

DS-PDP-IN-CR123A Indoor Detector Battery	DS-PDB-MC-Adapter
	

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HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

DS-PDP15P-EG2-WB Wireless PIR Detector

DS-PDP15P-EG2-WB is a fully supervised two-way wireless detector featuring motion detection, tamper protection, low battery and supervision. It can operate for up to 5 years from an in-built battery, and monitors the area within 15 m radius, ignores animals while recognizing human from the first step.

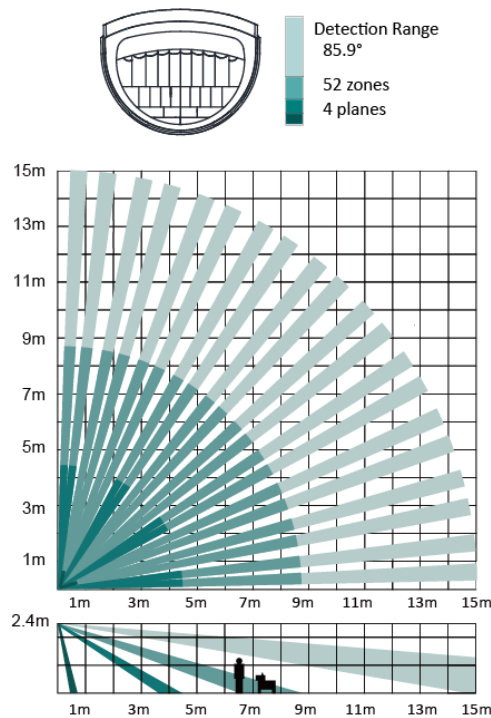


▪ Key Features

- Detection Range: 15m / 85.9°
- Up to 30KG pet immunity
- SEC (Smart Environmental Control) - Advanced digital signal processing and 3D optics
- Fully remote configurable through App
- Multiple enrollment method and easy installation design
- Easy replaceable battery with PCB protected
- Frequency hopping against jamming for reliable transmission



▪ **Lens Diagram**



▪ **Specification**

Detection Performance	
Detection Method	Passive Infrared
Sensor Model	SFG321-711
Detection Range	15m
Detection Angle	85.9°
Detection Zones	52
Detectable Speed	0.3 to 2m/s
Sensitivity	Auto,High,Pet
Pet Immunity	30Kg
White Light Filter	6500lux
Digital Temperature Compensation	Support
Creep Zone Protection	Support
Feature	
Digital Processing	Support
Sealed Optics	Support
Tamper Protection	Front,Rear
Environment Temperature Indicator	Support
Signal Strength Indicator	Support
Interface	
Power Switch	Power Up Enrolling
LED Indicator	Blue(Alarm)
Transmission	
Transmission Technology	Tri-X Wireless




Transmission Method	Two-Way RF Wireless
Transmission Frequency	433MHz
Transmission Security	AES-128 Encryption
Transmission Range(Free Space)	1.2Km
Frequency Hopping	Support
Enrolling Method	Power up,Remote ID,QR Code
Electrical Characteristics	
Standard Battery Life	5 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered
Battery Type	CR123A × 1
Typical Voltage	3V
General	
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10% to 90%
Dimension(WxHxD)	65.5mm × 103mm × 48.5mm
Weight	128g
Mounting Height	1.8 to 2.4m
Mounting Method	Wall
Application Scenario	Indoor
Bracket	Optional Wall & Ceiling Accessory

▪ Available Model

DS-PDP15P-EG2-WB

▪ Accessory

▪ Optional

DS-PDP-IN-CR123A Indoor Detector Battery	DS-PDB-IN-Ceilingbracket Internal wall mounted bracket	DS-PDB-IN-Wallbracket Internal ceiling mounted bracket
		

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No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

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T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

DS-PKF1-WB Wireless Keyfob

DS-PKF1-WB series keyfob supports instant operation of stay/away arming and disarming. It is a part of security control system.



Features

- Operation: stay/away arming and disarming
- Keyfob lock and unlock function
- Fully remote configurable through App
- Multiple enrollment method and easy installation design
- Easy replaceable battery with PCB protected
- Frequency hopping against jamming for reliable transmission

Available Models

DS-PKF1-WB (433MHz)



Specifications

Model		DS-PKF1-WB
RF	Frequency	433 MHz
	Modulation	2GFSK
	Distance	500m (open area)
Interface & component	Indicator	Three-color LED
	Key	4
Electrical & battery	Power Consumption	Quiescent current: 1.13 uA Max current: 34.3mA Voltage: 3 VDC
	Min. operation voltage	2.1V +/- 5%
	Battery type	CR2032 x 1 (included), 3V
	Battery life span	Standby time more than 3 years
Others	Operation humidity	10% to 90% (No condensing)
	Operation temperature	-10 °C to +55 °C (-4 °F to +122 °F)
	Color	White
	Material	Panel (plastic)+ gasket(rubber)
	Dimension (W x H x D)	35.2 (1.39")mm x 63.2 (2.49") mm x 11.3 (0.45")mm
	Weight	16 g (5.64 oz)
Approvals	FCC	Supported
	CE/CB	Supported
	RCM	Supported
	Rohs/Reach/WEEE	Supported

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No.555 Qianmo Road, Binjiang District,
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Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

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sales.tr@hikvision.com

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T +601-7652-2413
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sales.uk@hikvision.com

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info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
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T +84-974270888
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T +34-91-737-16-55
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T +99-87-1238-9438
uzb@hikvision.ru

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info.hk@hikvision.com

Hikvision Russia
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sateru@hikvision.com

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T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

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