

## DS-PDP15P-EG2-WE Wireless PIR Detector

DS-PDP15P-EG2-WE 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.

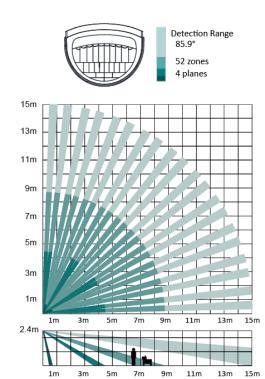
#### Key Features

- 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	Support			
Compensation	Support			
Creep Zone Protection	Support			
Feature				
Digital Processing	Support			
Sealed Optics	Support			
Tamper Protection	Front, Rear			
Environment Temperature	Support			
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	868MHz			
Transmission Security	AES-128 Encryption			
Transmission Range(Free Space)	1.6Km			
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	128 g			
Mounting Height	1.8 to 2.4m			
Mounting Method	Wall			
Application Scenario	Indoor			
Bracket	Optional Wall & amp; Ceiling Accessory			

# Available Model

DS-PDP15P-EG2-WE

#### Accessory

### Optional

DS-PWA96-Kit-WE AX PRO Kit (868MHz)	DS-PWA96-Kit2-WE	DS-PDP-IN-CR123A Indoor Detector Battery	DS-PWA96-Kit1-WE	DS-PDB-IN-Ceilingbracket Internal wall mounted bracket
		Lithum Battery LMnO, + CR123A 3.0V - S 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
DS-PDB-IN-Wallbracket Internal ceiling mounted bracket	DS-PWA96-Kit-WB AX PRO Kit (433MHz)			
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