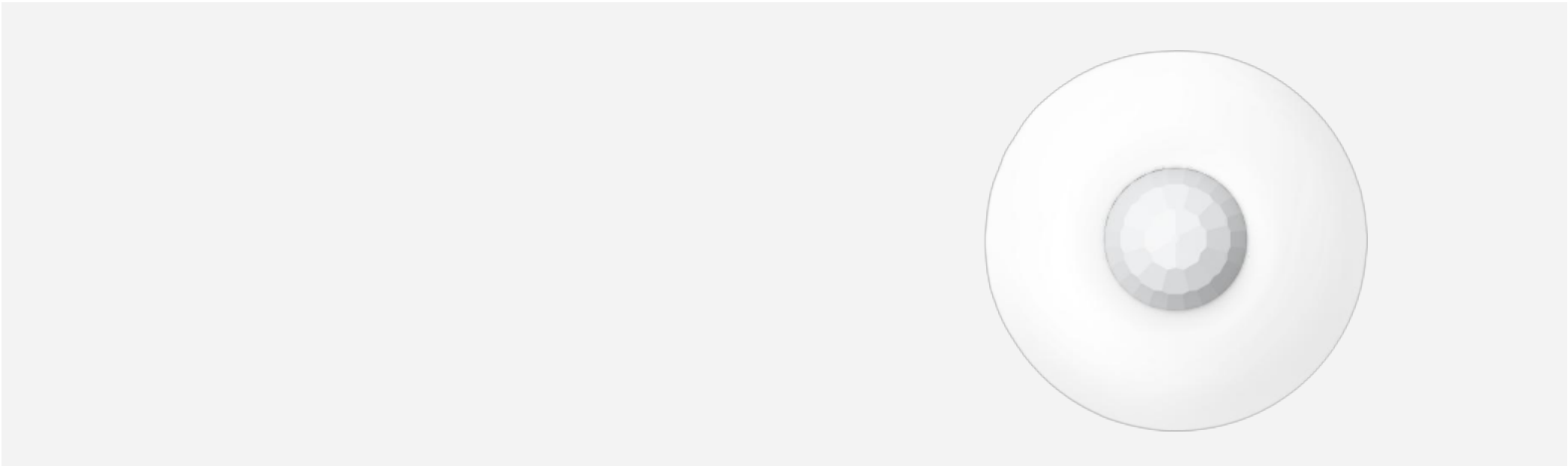# DS-PDCL12-EG2-WE PIR Detector

DS-PDCL12-EG2-WE Wireless PIR Ceiling Detector

- Detection Range: 12m/360°
- 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

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Detection Performance	
Detection Method	Passive Infrared
Detection Range	12m
Detection Angle	360°
Detection Zones	172
Detectable Speed	0.3⎵2m/s
Sensitivity	Auto;Low
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	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	Up to 5 years (standby time)
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)	φ101.2 mm x 32.9 mm
Weight	109.5 g
Mounting Height	2.4 m to 4 m
Mounting Method	Ceiling
Application Scenario	Indoor