DS-PDD12P-EG2-WE
Wireless Dual-Tech Detector



DS-PDD12P-EG2-WE is a fully supervised two-way wireless detector featuring motion and microwave detection，tamper protection， low battery and supervision. It can operate for up to 5 years from two in-built batteies, and monitors the area within 12m radius, ingnores animals while recognizing human from the first step.

Key Features

- 3D optics including creep-zone protection, full coverage without dead angle
- 24G microwave to prevent wall penetration
- Digital temperature compensation
- 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

▪ Specification

Detection Performance	
Detection Method	Passive Infrared,Microwave
Sensor Model	SFG321-711
Detection Range	12m
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
Microwave Frequency	24GHz(24.15 ~ 24.25GHz)
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	Green(PIR), Red(Microwave), 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 × 2
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	141g
Mounting Height	1.8 to 2.4m
Mounting Method	Wall
Application Scenario	Indoor
Bracket	Optional Wall & Ceiling Accessory

▪ Available Model

DS-PDD12P-EG2-WE

▪ Accessory

▪ Optional

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

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