DS-PDD12P-EG2-WB

Wireless Dual-Tech Detector

DS-PDD12P-EG2-WB 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.



- 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

Model		DS-PDD12P-EG2-WB
Detection Performance	Detection Method	Passive Infrared,Microwave
	Detection Range	12 m
	Detection Angle	85.9°
	Detection Zones	52
	Detectable Speed	0.3 to 2 m/s
	Sensitivity	Auto, High, Pet
	Pet Immunity	30 Kg
	White Light Filter	6500 lux
	Microwave Frequency	24GHz(24.15 to 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	433 MHz
	Transmission Security	AES-128 Encryption
	Transmission Range(Free Space)	1.2 Km
	Frequency Hopping	Support
	Enrolling Method	Power up, Remote ID,QR Code
Electrical Characteristics	Power Supply	Battery Powered
	Battery Type	CR123A × 2
	Typical Voltage	3 V
	Standard Battery Life	5 Years
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)	65.5 mm × 103 mm × 48.5 mm
	Weight	141 g
	Mounting Height	1.8 m to 2.4 m
	Mounting Method	Wall
	Application Scenario	Indoor
	Bracket	Optional Wall & Ceiling Accessory

▪ Accessory

▪ Optional

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

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▪ Available Model

DS-PDD12P-EG2-WB

Distributed by

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