DS-PDD12P-EG2-WE(B)
Wireless Dual-Tech Detector



DS-PDD12P-EG2-WE(B) 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.

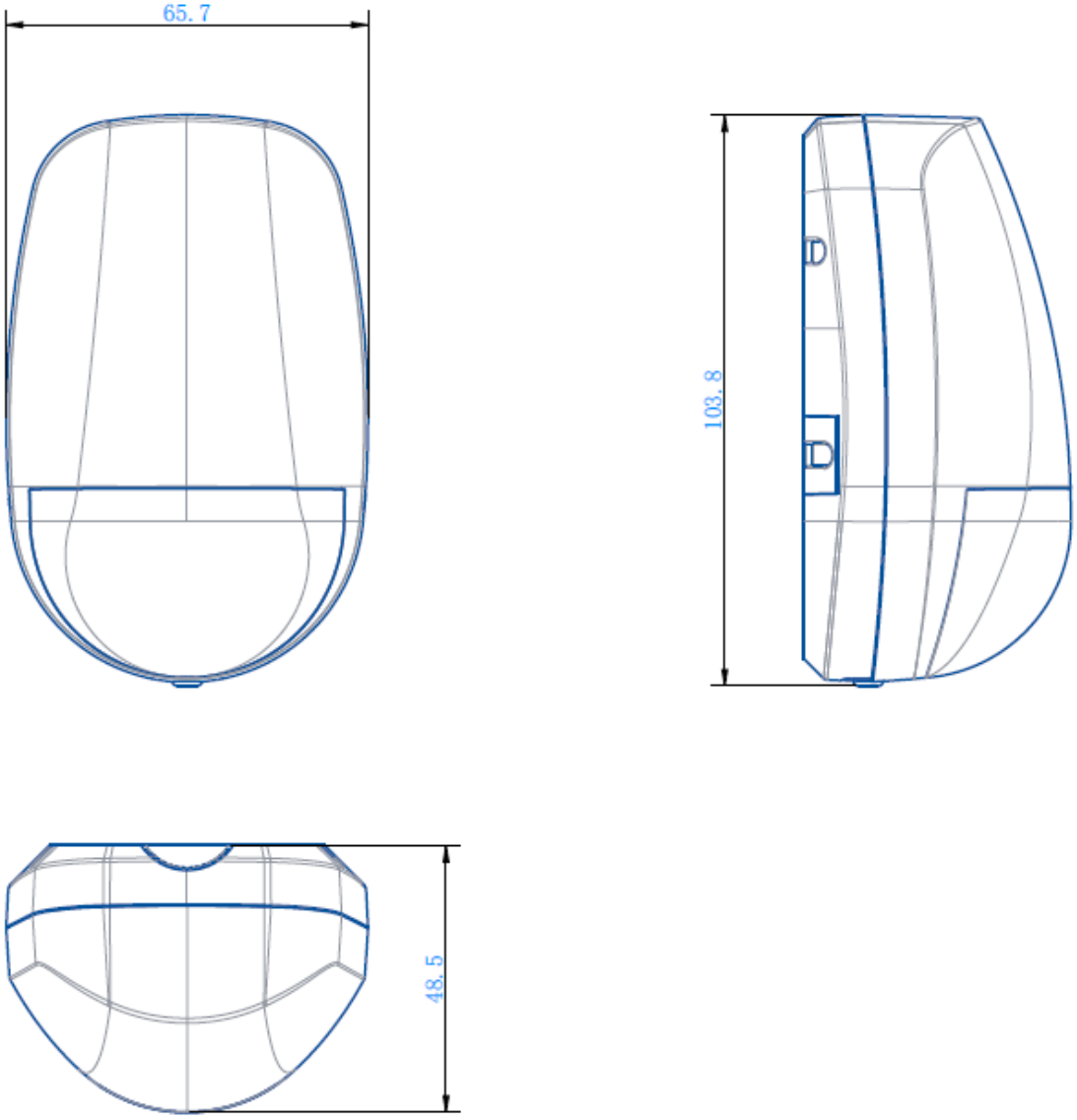
- 3D optics including creep-zone protection, full coverage without dead angle
- 24G microwave to prevent wall penetration
- Digital temperature compensation
- Fully remote configurable through APP
- Multiple enrollment method and easy installation design
- Easy replaceable battery with PCB protected
- Frequency hopping against jamming for reliable transmission

▪ Specification

Detection Performance	
Detection Method	Passive Infrared,Microwave
Detection Range	12m
Detection Angle	90°
Detection Zones	84
Detectable Speed	0.3 ~ 2m/s
Sensitivity	High,Normal,Low
Pet Immunity	30 kg (only low sensitivity)
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)	1.6 km
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 × 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)	65.5 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

▪ Dimension



▪ Accessory

▪ Included

DS-PDP-IN-CR123A


▪ Optional

DS-PDB-IN-UBKT1	DS-PDB-IN-Wallbracket	DS-PDB-IN-Ceiling bracket
		

See Far, Go Further

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