Wireless Tri-Tech AM Detector

a unique two-way wireless outdoor Tri-tech detector with Anti-masking feature, designed to protect the outdoor areas of your property in most harsh environment and alarm before an intruder breaks in your house

- · 90°@180° adjustable coverage
- · IP65 weather resistance for outdoor application
- · Active IR anti-masking
- · Multiple enrollment methods and easy installation
- · Frequency hopping against jamming for reliable transmission

▪ Specification

Detection Performance	
Detection Method	Passive Infrared,Microwave
Detection Range	15m
Detection Angle	90° @ 180° adjustable
Detection Zones	92
Detectable Speed	0.3 ~ 2m/s
Sensitivity	Auto,Low
White Light Filter	10000lux
Microwave Frequency	24GHz(24.15 ~ 24.25GHz)
Pet Immunity	40Kg
Digital Temperature Compensation	Support
Anti-masking	Support
Adaptable Coverage	Support Pattern mask included
Feature	
Digital Processing	Tri-Signal Logic
Sealed Optics	Support
Tamper Protection	Front,Rear
Environment Temperature Indicator	Support
Signal Strength Indicator	Support
Anti-Sway Analytics	Support
Interface	
Power Switch	Power Up Enrolling
LED Indicator	Green(Top PIR), Red(Microwave), Orange(Bottom PIR), Green+Orange(Mask), 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 (Standalone：being triggered 20 times per day) (With camera integrated：being triggered and completely uploading captures once per day)
Power Supply	Battery Powered

Battery Type	CR123A × 5
Typical Voltage	3V
General	
Operation Temperature	-25 °C to 60 °C (-13 °F to 140 °F)
Storage Temperature	-25 °C to 60 °C (-13 °F to 140 °F)
Operation Humidity	10% to 90%
IP Rate	IP65
Dimension(WxHxD)	75mm × 202mm × 73mm
Weight	600g
Mounting Height	0.8 to 1.2m
Mounting Method	Wall
Application Scenario	Outdoor

▪ Available Model

DS-PDTT15AM-LM-WE

▪ Accessory

▪ Optional