

A red banner with rounded ends is positioned at the top left of the page. It contains the product name in white text.

DS-PDPT15AM-LM-WB
Wireless Tri-Tech AM Detector



PDPT15AM is 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 |
| Pet Immunity | 40Kg |
| Microwave Frequency | 24GHz(24.15 ~ 24.25GHz) |
| 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 | 433MHz |
| Transmission Security | AES-128 Encryption |
| Transmission Range(Free Space) | 1Km |
| 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-WB

▪ **Accessory**

▪ **Optional**

DS-PDCM15PF-IR



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