

**Model No.
ST-805DTP**

Wired Tri-tech Microwave PIR Motion Detector (Pet Immunity)



Product overview

This TriTech (intelligence) detector uses micro-doppler effect analysis, spectral analysis, dynamic thresholds adjustment, artificial intelligence etc. Advanced analyzing and processing technologies for detection, providing good immunity to false alarms caused by pets. Through analyzing intellectually and quantifying on the infrared spectra from human body and the doppler frequency shift caused by human motion and then analyzing the background disturbance with comparing the background temperature, the detector reports alarms on human motion accurately with freedom from false alarms. Microwave + passive infrared + artificial.

Features:

- Adopts Doppler Effect + Spectral Analysis + Artificial Intelligence.
- Microwave X-Band Plane Antenna.
- Dual-mode Temperature Compensation.
- Dynamic Thresholds Adjustment Technology.
- Bipolar Pulse Count Adjustable.
- Anti-White Light Interference, Anti RF Interference.
- Fresnel Lens.
- MT Manufacture Technology, Stabler Performance. • Design Passed Patent Application.

Technical Parameters

Power	DC9-24V
Standby current	≤ 30mA
Detecting distance	12m
Detecting Angle	90 degrees
Alarm time	3s-30s
Operating temperature	-10°C~+50°C
Sensor type	Double element pyroelectric infrared sensor
Alarm output	NC/NO optional, contact rated at DC28V 100mA
Tamper Output	NC, contact rated at DC28V 100mA
Dimensions	123*62*46mm (L*W*H)