

DS-PD701DT18AM
Wired Dual-Tech AM Detector

- Employing a distinctive reflective lens design that effectively minimizes losses associated with infrared transmission through the lens.
- Utilizing dual detection technology combining microwave and passive infrared for reduced false alarm rates.
- Integration of microwave and low-voltage self-checking functionality.
- Configurable alarm output as either normally open or normally closed.
- Optional activation of the green mode, which deactivates the microwave feature, ceases LED blinking, and conserves power consumption.
- Anti-crawling Anti-Cloaking Anti-Mask feature
- Introducing a novel installation approach with embedded base box support facilitating recessed installation.
- Featuring a sliding housing design for enhanced convenience.

▪ Specification

Detection performance	
Detection method	Passive Infrared, Microwave
Detection range	18m
Detection angle	90°
Detection zones	20
Detectable speed	0.2~2.5m/s
Sensitivity	High;Auto;Low
White light filter	6500 lux
Microwave frequency	24 Ghz (24.15 Ghz ~ 24.25 Ghz)
Creep zone protection	Support
Digital temperature compensation	Support
Digital processing	Support
Pet immunity	30Kg
Communication	
Transmission method	Wired
Software features	
Tamper switch	NC with cover installed, 100mA, 30 VDC
Anti-Masking	Support
Anti-cloaking	Support
Anti-crawling	Support
Tamper protection	Rear
Hardware features	
Alarm output	Normally close; Normally open; 150mA, 100 VDC, 8 Ohms resistance max
Fault relay output	Normally close; 150mA, 60 VDC, 20 Ohms resistance max
Electrical characteristics	
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operation temperature	-10 °C to 55 °C (14 °F to 131 °F)
Operation humidity	10% to 90%
Power supply	9 to 16 VDC
Typical voltage	12 VDC
Power consumption	Maximum current: 16mA @12VDC Quiescent current: 11mA @12VDC
Display	
LED indicator	PIR(Green), Microwave(Orange), Alarm(Blue), Fault(Orange), Mask(Green + Orange), Power up(Blue flashing)
General	
Dimension (W×H×D)	58 mm× 112 mm × 41 mm
Weight	120g
Mounting height	2m to 2.7m
Mounting method	Wall, Flush Mount
Application scenario	Indoor
Bracket	Optional wall & ceiling accessory

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