ATP-546X / ATP-570
ATP PIR DETECTOR

ATP series PIR motion detectors have detection algorithms developed as a result of detailed R&D studies to prevent false alarms. Fully digitally designed ATP series PIR detectors offer advanced sensitivity adjustment and multi-level pulse count features. Normal, pet-immune (PET), and microwave options are available.

With the optionally offered ATP-105 Mounting Bracket, it provides ease of installation for wall and ceiling mounting and allows easy adjustment of the detector's direction.

- ATP-546 / ATP-645 PIR Detector
- ATP-546P Pet-Immune (PET) PIR Detector
- ATP-570 PIR + Microwave Detector.

General Features

- Lead-Free Plastic Material
- Sensitivity Adjustment via Trimpot
- Software Algorithms to Prevent False Alarms
- Gold-Plated, Lead-Free, Double-Layered PCB
- Lens with UV Filtration Features
- 1/2/3 Level Pulse Count Feature
- Compatible with ATP-105 Mounting Bracket

ATP-105
PIR Detector Mounting Bracket
General Features

- Suitable for all ATP-XXX series PIR motion detectors.
- Suitable for ceiling or wall mounting.

Technical Specifications

	ATP-546	ATP-546P	ATP-570
Sensor Type	Dual Element Digital	Dual Element Digital	Dual Element Digital
Alarm Output	NC 30VDC – 0.2A	NC 30VDC – 0.2A	NC 30VDC – 0.2A
Tamper Output	Yes	Yes	Yes
Electrical			
Power	9-16VDC	9-16VDC	8-18VDC
Standby Current	6mA	6mA	10mA
Alarm Current	20mA	20mA	20mA
General Features			
Detection Range	14m	10m	15m
Microwave	No	No	DRO, Patch Antenna 10.525GHz
Mounting Height	2.1 ~ 2.5m	2.1 ~ 2.5m	2.1 ~ 3.6m
Visual Notification	Red (Deactivatable)	Red (Deactivatable)	Red (Alarm), Green (MW), Yellow (PIR)
Detection Angle	110°	90°	110°
Pulse Count	3 Levels	3 Levels	3 Levels
Sensitivity Adjustment	Via Trimpot	Via Trimpot	Via Trimpot
Pet Immunity (PET)	No	20kg, 60cm	No
Tamper Protection	Cover and Wall	Cover and Wall	Cover and Wall
Detection Speed	0.3 ~ 1.5m/s	0.3 ~ 1.5m/s	0.3 ~ 1.5m/s
Temperature Compensation	Yes	Yes	Yes
Mechanical			
Weight	80g (Excluding Mount)	80g (Excluding Mount)	90g (Excluding Mount)
Dimensions (mm)	108 x 63 x 50mm	108 x 63 x 50mm	108 x 63 x 50mm
Material and Color	ABS White	ABS White	ABS White
Environmental			
Operating Temperature	-20°C ~ 45°C	-20°C ~ 45°C	-20°C ~ 45°C
Humidity	95% RH (max)	95% RH (max)	95% RH (max)