

Passive Infrared Detectors (PIRs) — continued

Movement Sensor PIR-MC-760T



- Microcontroller-based
- Uses Focused Logic® with target pattern recognition tuned to the human profile
- Uniform sensitivity throughout the room
- Performs self-diagnostics at regular intervals
- Zero clearance bug guard
- Small animal immunity

Range 18m 12m
 Power requirements 8-14V dc;
 9mA @ 12V dc quiescent (LED off)
 Operating temp. -10°C to +55°C



SSW361

Order Code	Price Each			
	1+	5+	10+	25+
724-4873				

Operating voltage 9 – 16V dc (12 V nominal)
 Current consumption 15mA quiescent at 12V
 Relay output Form A. N.C. voltage free contacts with 22 series resistor.
 100V max, 75mA
 N.C. voltage free contacts 12V max. 50mA max.
 Tamper switch N.C. voltage free contacts 12V max. 50mA max.
 Detection system Low noise dual element pyroelectric sensor
 Operating temperature -10°C – +50°C
 Optical system Fresnel lens array
 Mounting Wall, corner or ceiling
 Optimum height 1.8 to 2.5m
 Dimensions 61 x 52 x 39.5mm
 Casing Polished ABS 3mm thick
 Colour White
 Weight 80g

SSW706

Order Code	Price Each	
	1+	5+
354-1721		

Magnum PIR Pet Immune Detector

PYRONIX LTD



This is a detector, based on the popular Magnum PIR, offering alarms immunity to being tripped by animals of mass approximately up to 27kg.



- 10m range
- Sealed optics
- White light filter
- RFI immunity to meet EN50130-4
- Cable channel for ease of installation
- Keyhole slot PCB
- Walk test LED

Operating voltage 9 – 16 V (12V nominal)
 Alarm period >1 second
 Maximum current consumption 15 mA
 Operating temperature -10°C – +50°C

SSW737

Order Code	Price Each	
	1+	5+
354-1733		

Colt XS



An internal, high performance passive infrared detector with the following features:

- Sealed optics
- White light filter
- Analogue pulse count which will produce an alarm condition on detection of 1, 2 or 3 pulses
- LED for walk testing which can be disabled
- High RFI immunity to virtually eliminate false alarms
- Surface mounted electronics
- Screw fixing front cover
- A cable channel to make installation easier

PYRONIX LTD



Operating voltage 9 – 16V dc (12 V nominal)
 Current consumption 15mA quiescent at 12V
 Relay output Form A. N.C. voltage free contacts with 4.7Ω series resistor
 Tamper switch N.C. voltage free contacts 12V max. 50mA max.
 Detection system Low noise dual element pyroelectric sensor
 Operating temperature -10°C – +50°C
 Optical system Fresnel lens array
 Mounting Wall, corner or ceiling
 Optimum height 1.8 to 2.5m
 Dimensions 61 x 52 x 39.5mm
 Casing Polished ABS 3mm thick
 Colour White
 Weight 78g

SSW704

Order Code	Price Each	
	1+	10+
354-1708		

Combined Microwave and PIR



- Dual microwave/Infra-red sensor technology
- Both technologies must verify intrusion simultaneously
- Microwave supervision
- Individual diagnostic LEDs
- Dual element PIR

Range 6m 6m
 Power requirements 9-14V dc, 35mA

H = 130, W = 70, D = 42

SSW247X

Order Code	Price Each			
	1+	5+	10+	25+
724-4885				

Magnum TQ



Magnum TQ from Pyronix is a low noise, quad element PIR.

- Sealed optics
- White light filter
- High RFI immunity
- IFT technology
- Walk test
- Analogue pulse count
- Surface mounted electronics

PYRONIX LTD



Operating voltage 9 – 16V dc
 Current consumption 15mA
 Dimensions (L x W x D) 8 x 58 x 42mm
 Optical system PIR coverage
 Fresnel lens array 90° x 15m (108 zones)

SSW705

Order Code	Price Each	
	1+	5+
354-1710		

Combined Microwave and PIR-DT700



- Highly immune to false alarm disturbances outside the room
- Both technologies must verify alarm simultaneously
- Adaptive threshold processing ignores room disturbances such as ceiling fans
- Electronic temperature compensation ie. ignores radiators switching on

Range 11m 12m
 Alarm relay output 100mA @ 42V dc
 Power requirements 7.5-16V dc 35mA @ 12V dc
 Operating temperature -25°C to 65°C

H = 119, W = 71, D = 42

SSW360

Order Code	Price Each			
	1+	5+	10+	25+
724-4897				

Magnum Ultra



An internal, high performance passive infrared detector with the following features:

- Sealed optics
- White light filter
- IFT technology, dual edge independent floating thresholds are self-adjusting alarm thresholds
- Analogue pulse count which will produce an alarm condition on detection of 1, 2 or 3 pulses
- LED for walk testing which can be disabled
- High RFI immunity to virtually eliminate false alarms
- Surface mounted electronics
- Screw fixing front cover
- A cable channel to make installation easier

PYRONIX LTD

