

PS-DG3370 Digital PIR Motion Detector

P ● S ● N I C [®]

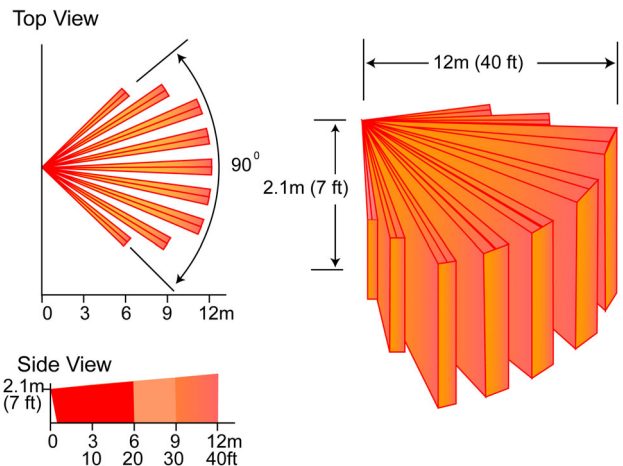
The digital series motion detector DG3370 revolutionizes electronic detection with the latest in digital and optical technology. The DG3370 detector brings reliability and 'catch' performance to a whole new level in the security alarm market for the residential and commercial community. Utilizing patented digital processing techniques, controlled by microcomputer, that eliminate many components and noisy amplifiers, the detector solve the problems of distortion, added noise and saturation caused by analog circuitry. They employ the patent-pending True Motion Detection (TMDT^a) Technology, with an exceptionally high million-per-second sampling rate. The result is absolute detection coverage with superior immunity to false alarms. The series also introduces new patent-pending cylindrical optics and spherical-shaped lens to give comprehensive detection coverage. The products' unique 9-segment design creates true 3D multiple vertical curtains in contrast to conventional beams.

Thanks to the new cylindrical optics and spherical-shaped 3-D lens which is free of vertical adjustment with uniform detection sensitivity beginning at 0.5 meter (creep-zone) away from the detector up to a distance of 15 meters. New lens material protects against white light and strong UV rays assuring long lasting sensitivity. DG3370 sleek, ultra modern design is attractive in any home or office.



- Digital signal processing, 2 levels adjustable
- Digital temperature compensation
- Cylindrical optics and spherical-shaped 3-D lens
- Same sensitivity for near and far zone
- Free of vertical adjustment for easy installation
- Additional Connector for EOL resistor
- Fire resistant case

Coverage Range:



Specification

Model	PS-DG3370
Sensor	Low noise, high sensitivity, dual element, PIR Sensor
Signal Processing	microprocessor-controlled
Pulse Count (Sensitivity)	Two levels auto pulse signal processing, 1-2 pulses selectable
Temperature Compensation	Auto
Startup Time	60 seconds after power up
Detection Speed	0.2-7m/sec
Lens	Cylindrical optics and spherical-shaped 3-D lens
White Light Immunity	Yes
Coverage	(0.5-15)m x 90°
Number of Curtain Beams	10
Installation Height	1.8-2.4m
Alarm Indication	Blue LED constant light 3 seconds (can be disabled)
Alarm Output	N.C., rating 28Vdc 0.15A (Optional N.O.) with 30 ohm resistance in series
Anti-Tamper Switch	N.C., opens when cover removed, rating 0.15A, 28Vdc
RFI Protection	Greater than 20 V/m (20 MHz to 1000MHz)
Power Input	9-16Vdc, 8mA
Operating Temperature	-10°C~50°C
Operating Humidity	95%
Net Weight/Shipping Weight	105g/116g
Size	66×105×48mm (WxHxD)