



Outdoor Intrusion Detection Systems for Ladders and Towers

PIRAMID LT

Dual Technology Volumetric Motion Detection Sensor for High Security Applications



Unique Technology

- **Stereo Doppler Microwave and Passive Infrared:** with Direction Control function.
- **Both Technologies must activate simultaneously:** to generate an overall sensor alarm.
- **Field Setting:** to detect only approaching targets.
- **Field Setting:** to control distance of movement required.



Exceptional Performance



- **Eliminates vibration** and randomly moving objects
- **Ignores** inclement weather and heavy rainfall
- **Ignores** wide temperature variations
- **Ignores** birds and small animals
- **Digital Range Control** adjusts how far sensor detects
- **Digital Sensitivity Control** adjusts precise distance in inches (a climbing intruder must move for a sensor alarm)

TECHNICAL SPECIFICATIONS

Input Voltage	10.5 VDC to 28 VDC
Current Consumption	100 mA at 12 VDC (LEDs off)
RF Power Density	120 uW/cm ² max. at the face of the unit
Operating Temperature	-40°F to 158°F / -40°C to 70°C
Relative Humidity	0 to 100% relative humidity
Relay Contact Rating	100 mA / 50 V
Housing Dimensions	7.50" x 6.50" x 4.87" (19.05cm x 16.51cm x 12.37cm)
Frequency Bands	10.525 GHz USA; International 10.587 GHz/9.90 GHz/9.47 GHz

ORDERING INFORMATION

SDI-76XL-DIR-LT	Wide Angle - 50 ft. (17m) maximum range
SDI-77XL-DIR-LT	Narrow Angle - 50 ft. (17m) maximum range
PH-6	Ladder mounting bracket
PH-6JB	Ladder mounting bracket w/junction box



Enlarged Directional Switch Selector



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