



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 VDC to 28 VDC
Current Consumption	150 mA at 12 VDC (LED's off)
RF Power Density	120 uW/cm <sup>2</sup> max. at the face of the unit
Operating Temperature	-40°F to 150°F / -40°C to 65°C
Relative Humidity	0 to 100% relative humidity
Relay Contact Rating	0.1 A / 50 V
Housing Dimensions	6.25" (L) x 5.25" (W) x 3.5" (H) (16.5cm x 13.3cm x 8.5cm)
Shroud Dimensions	7.5" (L) x 6" (W) x 4" (H) (19cm x 15.2cm x 10.1cm)
Microwave Frequency	10.525 GHz / USA

## 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



For the purpose of continuously improving the quality and performance of its products, Protech reserves the right to change the above specifications without notice.



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