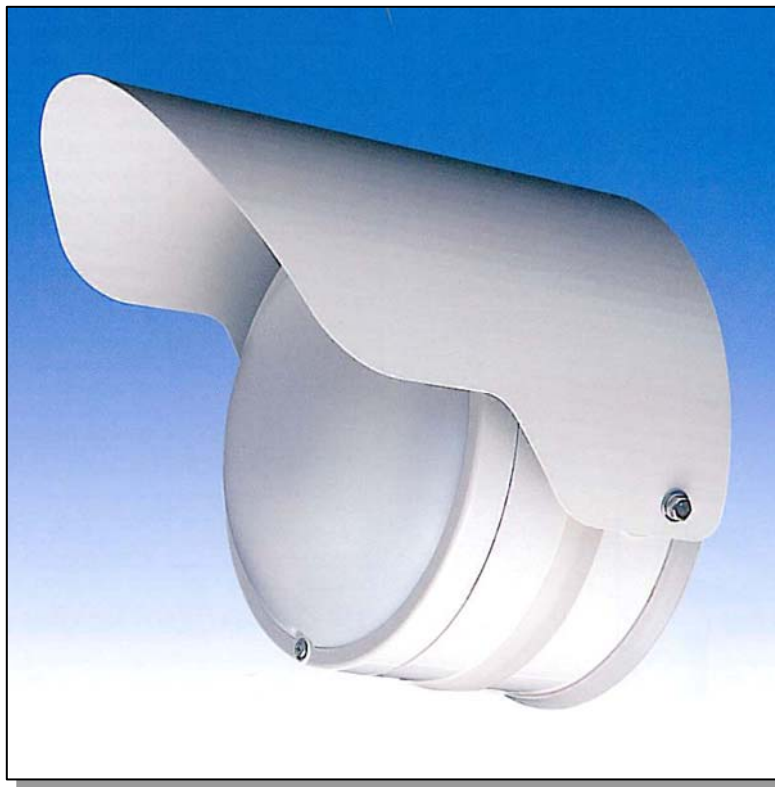


# PIROD<sup>®</sup>

SENSOR

## PASSIVE INFRARED OUTDOOR SENSOR



- Choice of Wide Angle or Long Range
- Protection area designed to protect from high mounting positions
- Suitable for indoor or outdoor use
- Durable housing
- Rain proof structure

7638 Standish Place  
Derwood, MD 20855  
Tel: (301) 760-4016 Fax: (301) 762-2253

### FUNCTIONS:

#### L/C (LED CONTROL):

The LED function can be remotely activated or de-activated. The L/C function enables simple walk test functionality after the unit has been installed.

#### TAMPER SWITCH:

The units are equipped with independent tamper outputs that are activated by the removal of the cover.

#### SENSITIVITY ADJUSTMENT:

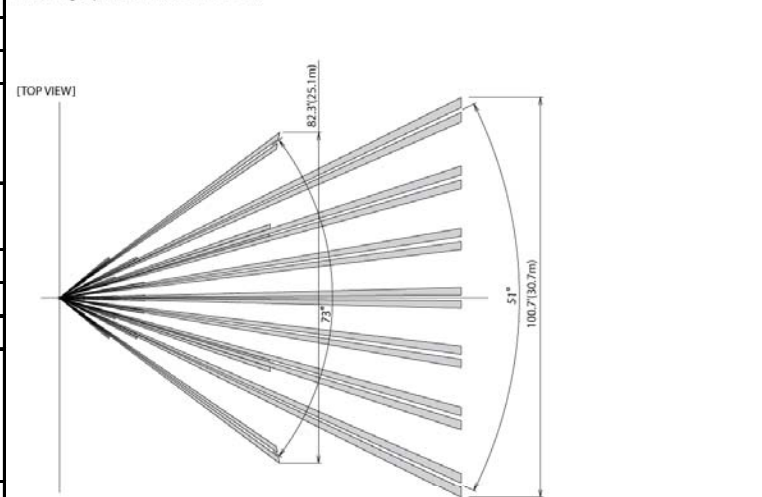
Sensitivity is adjustable between 30% and 170%.

#### OPTICAL VIEWFINDER:

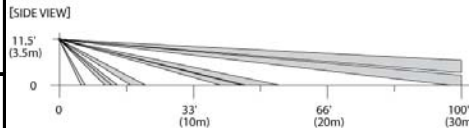
Attached viewfinder enables easy setup for zone coverage.

Specifications		
Model	RB-PIROD-30W	RB-PIROD-50N
Detection system	PASSIVE INFRARED	
Coverage	wide angle 100' (30m) Max. 60 beam volumetric	vertical curtain 165' (50m) Max. 16 beam curtain
Coverage adjustment	Vertical: 10° Horizontal: ±5°	
Mounting position	Indoor/Outdoor pole or wall	
Supply voltage	9 to 30v DC (non-polarity)	
Current consumption	25mA Max.	
Alarm Output	<ul style="list-style-type: none"> <li>•Dry contact output (N.C./N.O.)</li> <li>•24V AC/DC 0.25A</li> <li>•Warm-up: Approx. 1 min (no alarm condition)</li> <li>•Continuous output when low voltage detected</li> </ul>	
Tamper Output	<ul style="list-style-type: none"> <li>•Dry contact output: N.C.</li> <li>•30V AC/DC 0.1A</li> <li>•Tamper output: Real Time</li> </ul>	
Alarm LED	<ul style="list-style-type: none"> <li>•Red LED</li> <li>•Blinks during warm-up (Approx. 1 minute)</li> <li>•On (Approx. 2 seconds) at detection</li> <li>•On (Continuous) at low voltage</li> </ul>	
Functions	<ul style="list-style-type: none"> <li>•Low voltage alarm</li> <li>•Tamper signal</li> <li>•LED control (L/C)</li> <li>•Alarm LED (ON/OFF)</li> <li>•Adjustable sensitivity (between 30% - 170%)</li> </ul>	
Temperature range	+4°F to +122°F (-20°C to +50°C)	
Weight	56 oz. (1.6Kg)	
Appearance	Body: AES Resin, Cover: PE Resin	

Wide angle protection (RB-PIR-30W)

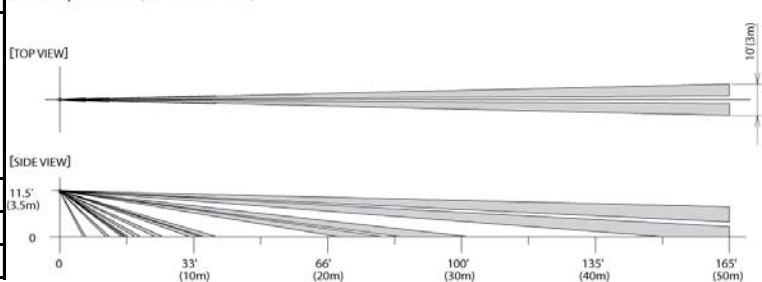


[TOP VIEW]

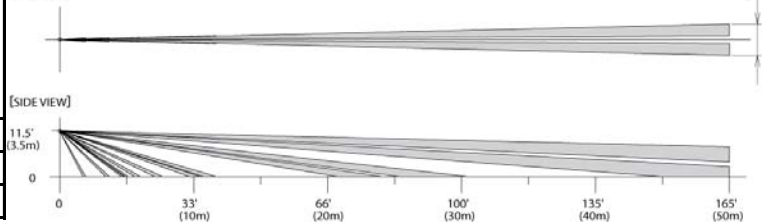


[SIDE VIEW]

Curtain protection (RB-PIROD-50N)



[TOP VIEW]



[SIDE VIEW]

In keeping with our policy of continuous development we reserve the right to alter these specifications without notice.