



ACTIVE INFRARED SENSOR - 5200 SERIES



Applications

- * **Intrusion Detection**
- * **Homeland Security**
- * **Large Open Areas**
- * **Fence Lines**
- * **Construction Areas**
- * **Integration with**
 - * **Access Control**
 - * **Biometrics**

Active Infrared Perimeter Monitoring and Intrusion Detection.

Provide reliable intrusion detection to large open areas with high performance infrared beams. The 5200 series is rated for outdoor short and long range deployments.



deployment accuracy is 50m. Fence line or perimeter deployments can reach



miles without the need for cable infrastructure with the 2400 Series Wireless Sensors. When integrated with NowVision Enterprise Camera Management Consoles cameras can pan, tilt, and zoom to the intrusion area.

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Permanent and Moveable Installations with Little Maintenance.

Due to the ease of installation, infrared



sensors can be re-deployed to new areas or added to easily. The small size and minimal

power requirements are ideally suited for remote environments with little maintenance required.

Highlights

- * **Quick Deployment**
- * **Range - Up to 100m**
- * **FCC Certified and IEEE 802.15.4 Compliant**
- * **Designed for Harsh Environments - IP66**
- * **Reduced False Alarms with Multiple Sensors**

Quick Deployment.

Easy installation, alignment, and configuration reduce system installation time and cost. No digging or trenching required for power or operation. Easily integrated with JDL Solutions 2400 Series Wireless Sensors for large non-wired installations.

Reduced False Alarms.

Multiple 5200 series units can be deployed together to form an invisible "Curtin" that can be tuned to reduce false alarms from birds and animals.

Locate Intrusion Areas.

Location of intrusion can be as accurate as the density of the sensors. Typical

ACTIVE INFRARED SENSOR - 5200

Specifications

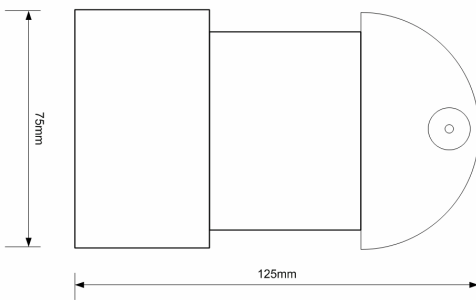
RF Transceiver

Frequency Band	950nm
Beam Width	1°
Range	Up to 100m
Selectable Channels	4
Alarm Activation	1-4 Beam Activation
Alarm Output	Normally Open/Normally Closed Contacts
Dimensions	125mm x 75mm x 75mm

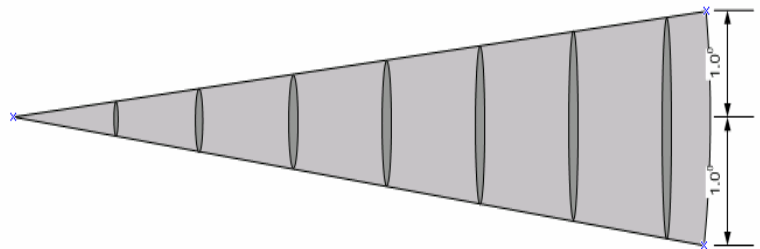
Electromechanical

Operating Voltage	+5 - 12Vdc, Solar
Current Consumption	40mA @ 5Vdc
Operating Temperature	-40°C - +70°C

Dimensions



Wave Propagation



Perimeter Security

