

Active Infrared Security System

IRG -509-xxC

Applications:

⇒ Commercial:

- Airports
- Banks
- Critical Sites and Facilities
- Factories
- Office Buildings
- Warehouses
- Museums
- Prisons
- Exclusive Homes
- Pools

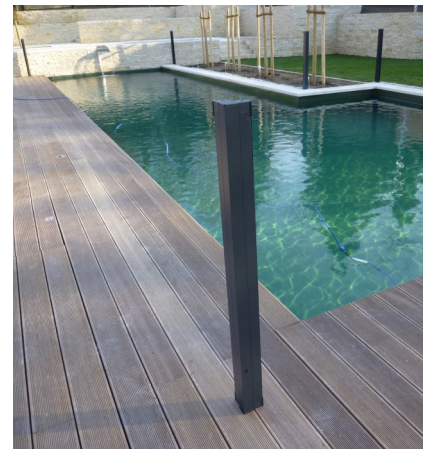
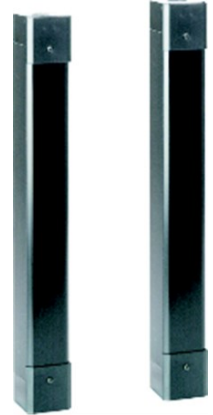
The Active Infrared Security System model IRG-509C is designed to operate indoor and outdoor. This technology offers a proven track record and may be employed in challenging applications unmatched by other sensor technologies. The system is US Air Force approved. The scientifically developed optics and electronics guarantee maximum performance and system longevity.

Key Benefits:

- Interior and Exterior Applications
- Multiple Beam Options, Scalable to Customer Needs from 7.9 in (20 cm) to >13 ft (4.0 m) Height
- Environmental Class IP65
- Detects Adversaries at Any Speed (walking, running, run/jumping, crawling, and rolling)
- Insusceptible to Sunlight or other Light Sources and Changes in Temperature
- Performance Rating > than 99.8%
- Various Types of Tower Configurations:
 - * From 7.9 in (20 cm) to > 13 ft (4.0 m) Height
 - * Clear or Black Anodized
 - * Powder Coated in RAL-Colors
 - * Custom Designed Mounting Options
- Integrate easily to Existing or New Security Systems
- Precision Alignment Utilizing Advanced Adjustment Device IRG-100-A-L
- Minimum Maintenance

System Features:

- Active Pulsed Infrared Sensor
- Detection Range: Indoor up to 330 ft (100 m) and Outdoor up to 225 ft (70 m)
- IR-beam: Adjustable 25° Horizontal, and 12° Vertical
- Power Supply: 12 VDC or 24 VDC
- Alarm Trigger Delay: 25 to 500 milliseconds
- Alarm Relay Signal: 1.5 seconds
- Detection Performance greater than 99.8%
- Low False Alarm Rate
- Tamper-proof
- Dimensions one-beam:
8.5 in (220 mm) x 1.6 in x 1.6 in (40 x 40 mm) (H x L x W)
- Operating Temperature:
 - * Interior use: -10°C to 59°C (using heating element)
 - * Exterior use: -20°C to 70°F (using additional heating element)



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