

## Advanced Engineering Design

- Permanent Installation
- Rugged and Sturdy Design
- Highly Reliable Across All Environments
- Reliable Up To 1000 Feet in Clear Conditions
- Reliable Up To 300 Feet in Fog, Rain, or Snow
- Low Nuisance Alarm Rate
- Multi-Beam Configurable to Meet Your Requirements
- Alarm and Tamper Signals Transmitted Wireless or Hard Wire
- 12VDC or 24VDC (Solar Capable)
- Extreme Tamper Resistance
- Five Year Warranty

## IR-500 Series AIRIDS



10-Beam  
IR-500 Series AIRIDS  
Anti-Climb Sensor System

## Active IR (InfraRed) Intrusion Detection Systems

The IR-500 series AIRIDS provide high-end security applications with a robust, intelligent active IR intrusion detection system.

## QUALITY DESIGNED ENGINEERING

The IR-500 series AIRIDS Lens Quality and High Power IR Beams provide for extended zone distances. Lenses are hermetically sealed to eliminate clouding in the most extreme conditions. No heaters or fans required. The Die Cast Aluminum Sensor Housing will provide stability for the optics and ensure the hermetic seal integrity is maintained for the life of the product. Unlike other housing material such as plastics, the housing will not become brittle when exposed to temperature extremes or UV Rays.

## RELIABLE INTRUSION DETECTION

Reliable intrusion detection up to 1000 feet in clear conditions and 300 feet in average fog, rain, or snow conditions. The unique gating technology eliminates cross beam interference allowing the beams to be stacked in very high density. This forms a non-penetrable curtain of coverage and eliminates zone to zone interference. This protects against any security compromise of the system.

## **NUISANCE ALARM REJECTION**

Nuisance alarms caused by wind, rain, fog, falling snow, birds, waving grass and branches are rejected by smart analysis of the beam coverage and event timing. Each Pulsed IR Beam has a diameter of 3.5 inches and must be 90% covered for a period of 20 milliseconds to cause an alarm.

## **ANTI-CLIMB MAST**

The IR-500 Series AIRIDS Mast has a smooth surface that resists climb attempts. Should an attempt occur, a weight activated switch will provide an alarm indication for that intrusion attempt. The mast also matches the aesthetic requirements of most projects, even high-end estates.

## **EASY INSTALLATION**

The setup is quick and easy. The beams are adjusted with a simple Alignment Telescope. Once aligned and locked, no further adjustment is required.

## **DIOROUS SITE REQUIREMENTS**