



The SENTINEL™ Intrusion Detection System is cost-effective and highly efficient in detecting specific activities within designated zones. SENTINEL excels at sensing incidents like cut or climb attempts along fence lines. Our patented, industry-leading algorithms allow the system to maintain its detection capabilities, even in challenging weather conditions such as wind and rain, while minimizing false alarms triggered by weather-related factors.

The third generation SENTINEL has expanded its capabilities to include up to 8 zones, providing additional flexibility for system design. Additionally, the latest Firmware version 3 incorporates modern software APIs, enabling seamless integration with a wide range of systems. We have also added a new rooftop intrusion detection capability, which adds an additional layer of security to your premises without the complexity and infrastructure required by point sensor solutions.

SENTINEL is tightly integrated with the INSIGHT™ alarm response and management software, providing you with real-time security posture visibility and instant alarms and notifications. This enables you to stay updated and take immediate action when necessary. SENTINEL can also stand alone with integrated contact relays for additional flexibility.

With its robust optical design, SENTINEL is not only reliable but also immune to electromagnetic interference, radio frequency interference, and lightning, ensuring uninterrupted performance. It serves as an essential component of any comprehensive physical security plan.

## SENTINEL™ Technical Specifications

### OPTICAL SPECIFICATIONS

Optical Sensing Ports	2, 4, or 8
Fiber Type	Sensing Fiber: OM2, OM3, OM4 Desensitized Lead-in Fiber: OS2

### ELECTRICAL

Power Input	100-240V AC, 60/50 Hz
Power Supplies	Single Replaceable Supply
Power Supply Connector	IEC C14 3-position
Operating Power (Typical)	30 Watts
Maximum Power (Maximum)	100 Watts

### ENVIRONMENTAL

Operating Temperature	0°C – 45°C
Storage Temperature	-10°C – 50°C
Operating Humidity (Max)	20-80% Non-Condensing

### PHYSICAL

Installation	19" Rack Mount (1 RU)
Dimensions (in)	1.75 x 17 x 14.5
Dimensions (mm)	45 x 432 x 368
Weight (lbs)	15
Weight (kg)	6.8

### ALARM MANAGEMENT

Alarm Panel Integration	Form C, dry contact, non-latching relays
Application Integration	GraphQL, REST

### REMOTE MANAGEMENT

Network	1000Base-T
Protocols	GraphQL, REST
Console Port	RS-232 Serial

### OPTICAL SPECIFICATIONS

Optical Connection	SC/UPC
Dynamic Range (single-mode)	50dB

### INDUSTRY CERTIFICATIONS

UL, FCC Part 15, IEC Class 1, CDRH Class 1
CE Rated and Certified

*For specifications on all other products and the Warranty and Support Program, please refer to our website at [www.networkintegritysystems.com](http://www.networkintegritysystems.com)*