

# Product Specifications

## SENTINEL™ CS

### Perimeter Intrusion Detection System



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## SENTINEL™ CS INTRODUCTION

SENTINEL™ CS is a fence mounted perimeter intrusion detection system that harnesses the power of fiber optic sensing technology to detect Cut-and-Climb activities on your perimeter fence. The SENTINEL CS system will immediately alert your physical security forces to the presence of intruders, ensuring the safety and security of your facility. With its patented optical sensor design and highly advanced signal processing capabilities, the SENTINEL CS provides the most reliable detection capabilities in the industry.

Using patented technologies, SENTINEL is always on watch to protect your perimeter fence by continually monitoring the fiber optic sensor cable for disturbances caused by intruders. The 24/7/365 continuous monitoring allows the system to immediately detect and report even the most stealthy intruders. The SENTINEL can be easily installed and integrated into your new or existing CCTV or Access Control system to increase your situational awareness and the security stance of your facility. The auto-configuration feature of the SENTINEL allows security professionals to get the system up and running without a costly and time-consuming manual tuning process.

## SENTINEL™ Technical Specifications

### Electrical

Power Input 100/240V, 250mA, 60/50 Hz IEC  
C14 3-position connector

### Environmental

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

### Physical

Dimensions 1U high, 19" Rack Mountable  
HxWxD 4.5 x 43.2 x 36.8 cm (1.75 x 17.0 x 14.5 inches)

### Weight

6.4 kg (14 lbs)

### System Management

Local Management RS232 Serial: Console Access  
1GB Ethernet: SSHv2, Telnet, SNMPv2c, SNMPv3  
Alarm Management SNMPv2c, SNMPv3, Syslog, Self-Test Heartbeat LED Indicator  
Email, SMS alerts | NO/NC Contacts

### Optical Specifications

Replaceable Power Supply  
Redundant Power Supply  
Optical  
SC-UPC Non-Angled Connectors  
1, 2, or 4 ports  
Dynamic range: 50dB  
Note: Designed for 3dB Excess/Safety  
Multimode Sensor Cable  
Single-mode Desensitized Lead-in Fiber

### Industry Certifications & Features

UL, FCC Part 15, IEC Class 1, CDRH Class 1, and CE rated & certified

*For specifications on all other products and extended warranty and support plans, please refer to our website at [www.networkintegritysystems.com](http://www.networkintegritysystems.com)*