

# Product Specifications

## INTERCEPTOR™ & INTERCEPTOR™ CS Optical Network Security System



INTERCEPTOR™



INTERCEPTOR™ CS

The INTERCEPTOR™ monitors two or more dark (spare, unused) fibers within a cable carrying classified information. INTERCEPTOR supports standard single-mode and multimode fiber optic cables and can be used to secure existing network infrastructure. Using patented hub and spoke technology, a single INTERCEPTOR utilizing one rack space can monitor up to eight continuous optical circuits (zones), providing protection for multiple remote buildings or many dozens of user drops per zone in a facility. When dark data fibers are not available, INTERCEPTOR+Plus can be used to monitor active fibers. A Remote Termination Unit (RTU) is required for each zone when using the INTERCEPTOR+Plus. Contact us for more details.

INTERCEPTOR™ CS is a bundled solution consisting of the INTERCEPTOR and CyberSecure Infrastructure Management System, a software application that provides NIS monitoring devices with the capability to centrally manage alarms, create PDS Standard Operating Procedures (SOPs), eliminate false alarms and automatically guide user responses to alarms and more.

### Generic Specifications for INTERCEPTOR & INTERCEPTOR CS

#### Electrical

Power Input 100/240V, 250mA 60/50Hz 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

1U high, 19" Rack Mountable  
H x W x D: 45 x 432 x 368 mm  
H x W x D: 1.75 x 17.0 x 14.5 inches

#### Weight

6.4 kg (14 lbs)

#### Local Management

Channel LED indicators, Channel Reset Buttons

#### Remote Management

RS232 Serial: Console Access  
TACACS+ Compatible  
10/100BaseT Ethernet: SSHv2, Telnet,  
SNMPv2c, SNMPv3  
INTERCEPTOR CS has a 1000BASE-T Ethernet connection

#### Alarm Management

SNMPv2c, SNMPv3, Syslog,  
Self-Test Heartbeat LED Indicator  
Email, SMS alerts  
NO/NC Contacts  
INTERCEPTOR CS incorporates a Unidirectional  
Simplex Optical Communications Port for sending  
alarms to an optional Cross-Domain Communications Unit

#### Optional Features

Rear connections  
Connector types other than SC-UPC  
Aerial fiber monitoring  
Active fiber monitoring

#### Optical

1, 2, 4 or 8 Ports (multimode)  
1, 2 or 4 Ports (single-mode)  
SC UPC Non-Angled Duplex Connectors  
Dynamic range: 1, 2, or 4 port multimode 50dB  
Dynamic range: 8 port multimode 20dB  
Dynamic range: single-mode 55dB  
Note: Designed for 3dB Excess/Safety  
Lead-in fiber multimode: Sensitive or Desensitized  
Lead-in fiber single-mode: Sensitive

#### Industry Certifications & Features

The INTERCEPTOR is UL, FCC Part 15, IEC Class 1,  
CDRH Class I, 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)*