Product Specifications

INTERCEPTOR™ & INTERCEPTOR™ CS
Optical Network Security System

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. Not available in all models. 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
1000BaseT Ethernet: SSHv2, Telnet, SNMPv2c, SNMPv3

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 Duplex Connectors
Dynamic range: multimode 50dB (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