INTERCEPTOR FOCUSᴺˣ™ is our next generation long-haul sensing technology that immediately detects and identifies any threat to your classified network infrastructure, while pinpointing its exact location.

The Network Integrity Systems INTERCEPTOR FOCUSᴺˣ Optical Intrusion Detection System utilizes Distributed Acoustic Sensing (DAS) technology to monitor long-haul cables and pathways, up to 100km per device, with pinpoint location of any disturbances to your network communications cables, to 1-meter of resolution. INTERCEPTOR FOCUSᴺˣ utilizes Phase DAS technology with an improved noise floor and machine learning for accurate event detection.

INTERCEPTOR FOCUSᴺˣ Technical Specifications

OPTICAL SPECIFICATIONS

Optical Sensing Ports	2 x E2000-PS APC
Optical Range (@6.4m gauge length)	up to 50km per port[1]
Fiber Type	OS2 (ITU-T G.652, G.654, or G.655)

ELECTRICAL

Power Input	100-240V AC, 60/50 Hz or 24/48V DC
Power Supplies	Dual Redundant
Operating Power (Typical)	<110 Watts
Maximum Power (Maximum)	165 Watts
Heat Management	Passive Cooling

ENVIRONMENTAL

Operating Temperature	-5°C – 50°C
Storage Temperature	-40°C – 70°C
Operating Humidity (Max)	85% Non-Condensing

PHYSICAL

Installation	19" Rack Mount (3 RU)
Dimensions (in - HxWxD)	5.22 x 19 x 18.5
Dimensions (mm - HxWxD)	132.5 x 482.6 x 471
Weight (lbs)	37
Weight (kg)	17
Mounting Option (Rack)	4 post rack w/ slide rails

REMOTE MANAGEMENT

Network (Ethernet SFP)	1 x QSFP / 2 x SFP+
Protocols	ZeroMQ API

OPTICAL SPECIFICATIONS

Optical Connection	E2000-PS/APC
Operating Wavelength	1550.12
Ports	2
Dynamic Range (single-mode)	18dB
Detection range	Up to 72km per port on Single-mode Fiber

INDUSTRY CERTIFICATIONS

Laser Safety	Class 1 LASER PRODUCT (IEC 60825-2014, 21CFR1040.10/11)
Safety (UL)	USA: UL 62368-1 / EU: CE compliant - 2014/35/EU
EMC Compliance	USA: FCC Part 15 B / EU: CE Compliant - 2014/30/EU
Cybersecurity	CIS Certified

[1]Distance at .2dB per km

For specifications on all other products and the Warranty and Support Program, please refer to our website at www.networkintegritysystems.com

MORE INFO

Network Integrity SYSTEMS