



VANGUARD FOCUS<sup>NX</sup>™ is our cutting-edge long-haul sensing technology that immediately detects and identifies any threat to your classified network infrastructure, while pinpointing its exact location.

Network Integrity Systems' VANGUARD FOCUS<sup>NX</sup> Optical Intrusion Detection System utilizes Distributed Acoustic Sensing (DAS) technology to monitor long-haul cables and pathways, up to 100km in length, with pinpoint location of any disturbances to your network communications cables, to 1-meter of resolution.

## VANGUARD FOCUS<sup>NX</sup> Technical Specifications

### ELECTRICAL

Power Input	100/240V AC, 60/50 Hz with AC adapter
Operating Power (Typical)	60 Watts
Maximum Power (Maximum)	165 Watts
Heat Dissipation Normal	205 BTU/hr
Heat Dissipation Maximum	563 BTU/hr

### ENVIRONMENTAL

Operating Temperature	0°C – 45°C
Storage Temperature	-40°C – 70°C
Operating Humidity	20%-95% Non-Condensing

### PHYSICAL

Installation	19" Rack Mount (2 RU)
Dimensions (in)	3.23 x 10.62 x 17.17
Dimensions (mm)	82 x 270 x 436
Weight (lbs)	26.4
Weight (kg)	12

### REMOTE MANAGEMENT

Network (Ethernet SFP)	1000Base-T
Protocols	ZeroMQ API

### OPTICAL SPECIFICATIONS

Optical Connection	LC/APC
Ports (one port monitored at a time via selector switch)	16
Dynamic Range (single-mode)	21dB
Detection range	Up to 100 km on Single-mode Fiber*

### INDUSTRY CERTIFICATIONS

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

*\*Note: Distance with a one-way optical loss of up to 21 dB. Range is dependent upon quality of fiber, local environment, and the specific activity detection required.*

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)



MORE INFO