



10G/1G Link Aggregator

(10) 10/1-GigaBit SFP+ Network Ports to (4) 10/1-GigaBit SFP+ Monitor Ports

Net Optics 10G/1G Link Aggregator extends the reach of high-speed monitoring tools to multiple network switches and Span ports. The 10G/1G Link Aggregator combines all the traffic from as many as ten SFP+ network or Span ports to up to four SFP+ monitor ports. The flexibility of the SFP+ ports enables you to connect a combination of 1 Gigabit copper, 1 Gigabit fiber, and 10 Gigabit fiber links and tools. (External Taps required for in-line link access.)

Emerging 10 Gigabit network speeds present new monitoring challenges. Can you still use your 1 Gigabit monitoring tools? How can you use new 10 Gigabit tools efficiently, when many of your 10 Gigabit links currently have low utilization? Can your monitoring solutions extend across both 1 Gigabit and 10 Gigabit links and switches? The Net Optics 10G/1G Link Aggregator addresses these challenges by enabling traffic to be aggregated from as many as ten links with any mix of 1 Gigabit copper, 1 Gigabit fiber, and 10 Gigabit fiber links, Span ports, and monitoring tools. Both singlemode and multimode fiber are supported.

For additional reliability, the Link Aggregator features redundant power supplies. Power LEDs on the front of the chassis indicate the current power sources in use.

Passive, Secure Technology

- Increases monitoring efficiency by enabling tools to view the traffic on as many as ten network links or Span ports simultaneously
- Eliminates resource contention by enabling four devices to monitor identical traffic at the same time, using only one NIC per device
- Provides complete visibility at 10 Gbps without data stream interference or introducing a point of failure
- Supports media type conversion with SFP+ transceiver modules on both the network and monitor ports
- Provides data rate conversion between 1 Gigabit and 10 Gigabit links and tools
- Enhances monitoring security because no IP address is needed

Ease of Use

- LEDs indicate Link, Activity, and Power status
- Front-mounted connectors ease installation and operation
- Compatible with all Net Optics Taps and Bypass Switches
- Compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, and intrusion detection/prevention systems



Technical Specifications:

Operating:

Operating Temperature: 0°C to 40°C

Storage Temperature: -10°C to 70°C

Relative Humidity: 10% min, 95% max, non-condensing

Mechanical:

Redundant Power Supplies:

Input: 100 to 240VAC, 1.45A, 47 to 63Hz

-48VDC model: -36 to -72VDC, 4.0A

Dimensions: 1.75" high x 17" deep x 19" wide

Weight: 8.2 lbs (3.7 kg)

Cable Interface:

Fiber Cable Type: Depends on SFP+ modules

Connectors:

Monitoring Port: (4) SFP+ slots

Network Ports: (10) SFP+ slots

Note: SFP+ transceiver modules ordered separately

Performance:

No packets are dropped when the aggregated traffic from all network ports does not exceed 10 Gbps (1 Gbps for 1 Gigabit monitor ports).

Certifications:

Safety: UL, CE

EMC: FCC, VCCI, C-Tick

Environmental: RoHS, WEEE

Fully IEEE 802.3 compliant

Part Number	Description
LA-1400	10 GigaBit Fiber SFP+
LA-1400DC	10 GigaBit Fiber SFP+ -48VDC
SFP+KT-SR	Fiber SR SFP+ Transceiver
SFP+KT-LR	Fiber LR SFP+ Transceiver
SFP+KT-50SR	Fiber SR 50um SFP+ Transceiver

All products include a 1 year manufacturer's warranty.

An additional 1 or 2 year extended warranty may also be purchased.