iLink Agg XSTREAM™

(20) 10-GigaBit SFP+ Network Ports to (4) 10-GigaBit SFP+ Monitor Ports Fully Configurable Port Mapping

Net Optics iLink Agg Xstream is the industry's highest port density 10 Gigabit link aggregator designed for monitoring applications. It enables a pool of monitoring tools to be applied to as many as 20 network links or Span ports with fully configurable port mapping. Aggregate traffic from any ports. Regenerate monitor streams to up to eight ports. Switch links to tools in a 1-to-1 mapping. The iLink Agg Xstream supports any configuration—monitor ports can also be used as additional network ports, and network ports can be used as additional monitor ports. You can even split a cable and use the RX fiber for a network connection and the TX fiber for a monitor connection, increasing the potential number of ports to 24 network plus 24 monitor.

The iLink Agg Xstream's 24 SFP+ ports enable mixing 10G SFP+ transceivers and 1G SFP transceivers in any combination. Use 1G tools on 10G links. Aggregate multiple 1G links and send the data to 10G monitoring tools. The iLink Agg Xstream automatically converts data rates as necessary. Mix 10 Gigabit fiber, 1 Gigabit fiber, and 1 Gigabit copper transceivers to match any links, Span ports, and tools. Both singlemode and multimode fiber are supported. (External Taps are required for in-line link access.)

Manage the iLink Agg Xstream locally or remotely. Management features include simple port mapping, SSH security, role-based access, RMON traffic statistics, and remote software upgrades.

Passive, Secure Technology

- Increases monitoring efficiency by enabling tools to view the traffic on as many as 20 network links or Span ports simultaneously (external Taps are required for connections to network links)
- Eliminates resource contention by enabling as many as four devices to monitor identical traffic at the same time
- Improves monitoring flexibility with fully configurable port mappings (any number of links to any number of tools)
- Provides complete visibility at 10 Gbps without interfering with the data stream and without introducing a point of failure
- Supports media type conversion with SFP+ or SFP transceiver modules on both the network and monitor ports
- Enhances monitoring security because no IP address is needed on network or monitor ports

Ease of Use

- Pre-loaded with common port mapping configurations
- LEDs indicate Link, Activity, and Power status
- Front-mounted connectors ease installation and operation
- High density 1U rack enclosure
- Compatible with all Net Optics Taps and Bypass Switches
- Compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, firewalls, 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:

Dimensions: 1.75" high x 19" wide x 17.5" deep
Weight: 8.2 lbs (3.7 kg)
Redundant Hot-Swappable Power Supplies:
AC Input: 100-240V, 4.5A, 47-63Hz
DC Input: -48VDC nominal, -36 to -72VDC, 4.0A

Cable Interface:

Fiber Cable Type: Depends on SFP+ modules

Connectors:

Monitoring Port: (4) SFP+ slots
Network Ports: (20) SFP+ slots
Management Ports: (1) RJ45 RS232 and (1) RJ45 10/100/1000

Performance:

No packets are dropped when the aggregated traffic to any monitor port does not exceed 10 Gbps when the monitor port has a 10 G transceiver, or 1 Gbps when the transceiver is 1G

Management:

CLI local or SSH remote, RMON

Certifications:

Safety: UL, CE EMC: FCC, VCCI, C-Tick
Environmental: RoHS, WEEE, Fully IEEE 802.3 compliant

Part Number	Description
LA-2400X	iLink Agg Xstream, 10G, 24 SFP+ Ports
LA-2400X-DC	iLink Agg Xstream, 10G, 24 SFP+ Ports, -48VDC
SFP+KT-SR	Fiber SR SFP+ Transceiver
SFP+KT-LR	Fiber LR SFP+ Transceiver
SFP+KT-50SR	Fiber SR 50um SFP+ Transceiver

SFP SX and LX Gig Fiber Transceiver kists are also available.

All products include a 1 year manufacturer's warranty. A service plan with up to 7 years coverage and an advanced replacement option is available.

Distributed by:

BRAIN FORCE
smart IT for your business

BRAIN FORCE Software
Ohmstr. 12
63225 Langen
Germany

T: +49 6103 906 767

netoptics@brainforce.com
www.network-taps.eu

Net Optics® is a registered trademark of Net Optics, Inc. Copyright 1996-2010 Net Optics, Inc. All rights reserved. Additional company and product names may be trademarks or registered trademarks of the individual companies and are respectfully acknowledged. PUBLA2400XD Rev. 2, 2/10