

Ixia Net Optics iLink Agg™ 8 Inline



(16) 10/100/1000/Gig Network Ports to (8) 10/100/1000/Gig Monitor Ports Fully Configurable Port Mapping

With 24 ports in a 1U form-factor, Ixia Net Optics iLink Agg™ 8 Inline is the industry's highest port density 1 Gigabit link aggregator designed for monitoring applications. It enables a pool of monitoring tools to be applied to as many as 8 bidirectional networks (using integrated in-line taps), with fully configurable port mapping. Aggregate traffic from any link. Regenerate monitor streams to multiple ports. Configure links to tools in 1-to-1 mapping. The iLink Agg supports any configuration—monitor ports can also be used as additional network span ports, and 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 8 monitor.

Models are available supporting single mode and multimode fiber on the network side, and SFP ports to support any interface types on monitoring tools. When required, data rate conversion between network ports and monitor ports is automatic.

Manage the iLink Agg locally or remotely. Management features include SSH security, Web UI, role-based access, RADIUS and TACACS+ authentication and authorization, RMON traffic statistics, and remote software upgrades.

All of the integrated fiber taps in the iLink Agg are fully passive, keeping traffic flowing even when the device is not powered. For additional reliability, the iLink Agg features hot-swappable redundant power supplies.



Key Features

- Increases monitoring efficiency by enabling tools to view the traffic on as many as eight network links simultaneously
- Eliminates resource contention by enabling as many as eight 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 1 Gbps without interfering with the data stream and without introducing a point of failure
- Supports media type conversion with SFP transceiver modules on the monitor ports
- Enhances monitoring security because no IP address is needed
- Intuitive and simple web-based user interface enables quick graphical device configuration, monitoring and management
- 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 with slide rails
- Compatible with all Ixia Net Optics taps and bypass switches
- Compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, firewalls, and intrusion detection/prevention systems

Specifications

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Performance	<ul style="list-style-type: none"> No packets are dropped when the aggregated traffic to any monitor port does not exceed the monitor port bandwidth Latency: 4.5μ sec(1Gbps, 64-byte packet)
Operating	<ul style="list-style-type: none"> Operating Temperature: 0°C to 40°C Storage Temperature: -10°C to 70°C Relative Humidity: 10% min, 95% max, non-condensing
Mechanical	<ul style="list-style-type: none"> Dimensions: 1.75" high x 19" wide x 17" deep Weight: 11 lbs (5kg)
Electrical	<ul style="list-style-type: none"> Hot-Swappable Redundant Power Supplies: <ul style="list-style-type: none"> AC Input: 96-264VAC, 47-63Hz, 1.18A @ 120VAC DC Input: -48VDC nominal, -36 to -72VDC, 4.7A @ -48VDC Consumption: 70W (typical)
Connectors	<ul style="list-style-type: none"> Monitoring Port: (8) SFP slots Network Ports: (16) LC fiber Management Ports: (1) RJ45 RS232 and (1) RJ45 10/100/1000
Management	CLI local or SSH remote, Web UI, SNMPv3, SNMPv2, SNAPv1, RADIUS, TACACS+, RMON, DHCP
Certifications	<ul style="list-style-type: none"> Safety: UL, CE, CB, CSA Emissions and Immunity: RoHS, WEEE, Fully IEEE 802.3 compliant

Product Ordering Information

LA-2410

iLink Agg, 8 Seg, IL, Fiber, 1G, SX 62.5µm, 50/50, 8 SFP Ports

LA-2413

iLink Agg, 8 Seg, IL, Fiber, 1G, SX 62.5µm, 70/30, 8 SFP Ports

LA-2415

iLink Agg, 8 Seg, IL, Fiber, 1G, SX 50µm, 50/50, 8 SFP Ports

LA-2417

iLink Agg, 8 Seg, IL, Fiber, 1G, SX 50µm, 70/30, 8 SFP Ports

LA-2420

iLink Agg, 8 Seg, IL, Fiber, 1G, LX 8.5µm, 50/50, 8 SFP Ports

LA-2423

iLink Agg, 8 Seg, IL, Fiber, 1G, LX 8.5µm, 70/30, 8 SFP Ports

Add -DC to the part number for the -48V model.

All products include a 1 year manufacturer's warranty. Service plans offering additional years of coverage including an advanced replacement option are available.