Ixia iLink Agg Copper LA-2407 and LA-2408

- **LA-2407: (8) 10/100/1G Inline Links to (8) Monitor Ports**
- **LA-2408: (8) 10/100/1G Inline Links or (16) SPAN Ports to (8) Monitor Ports**
- **Both with Fully Configurable Port Mapping**

With 24 ports in a 1U form-factor, Ixia iLink Agg™ - Copper 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 network links or 16 SPAN ports using integrated inline taps, with fully configurable port mapping. You can aggregate traffic from some ports, regenerate monitor streams to multiple ports, and switch links to tools in a 1-to-1 mapping. The iLink Agg supports one-to-one, one-to-many, many-to-one, and many-to-many mappings of the traffic arriving at the 16 network ports to traffic leaving the 8 monitor ports. (Monitor ports cannot be used as inputs.)

For maximum flexibility, each of the 8 network port pairs can be configured as either a passive inline connection or as two independent ports that can be used as SPAN network inputs or monitoring tool outputs.

Manage the iLink Agg locally or remotely. Management features include simple port mapping, SSH security, role-based access, SNMPv3, RADIUS, and TACACS+ authentication and authorization, RMON traffic statistics, and remote software upgrades.

The integrated taps in the iLink Agg are fully passive, keeping traffic flowing even when the device is not powered. Ixia's innovative Virtual Zero Delay™ technology ensures that link is virtually never lost during power transitions, eliminating lengthy renegotiation sequences and minimizing packet loss.

Highlights

- Increases monitoring efficiency
- Improves network reliability
- Avoids lengthy renegotiation cycles and minimizes packet loss
- Eliminates resource contention
- Improves monitoring flexibility
- Provides complete visibility at 1 Gbps
- Supports media type conversion

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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 8 network links or 16 SPAN ports simultaneously

- Improves network reliability when using in-line copper connections

- Avoids lengthy renegotiation cycles and minimizes packet loss with innovative Virtual Zero Delay™ technology

- Eliminates resource contention by enabling as many as 24 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 on the network 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 taps and bypass switches

- Compatible with all major manufacturers' monitoring devices, including protocol analyzers, probes, firewalls, and intrusion detection/prevention systems.

Specifications

Performance	
Latency	4.5µ sec (1Gbps, 64-byte packet)
Virtual Zero Delay	No loss of link during power transitions in most environments
Network Recovery Time	40ms at 16bps
Hardware Throughput	24 Gbps

Operating	
Operating Temperature	0ºC to 40ºC
Storage Temperature	-10ºC to 70ºC
Relative Humidity	10% min, 95% max, non-condensing
Mechanical	
Dimensions	1.75" high x 19" wide x 17" deep
Weight	11 lbs (5 kg)
Electrical	
Hot-Swappable Redundant Power Supplies	AC Input: 96-264VAC, 47-63Hz, 1.18A @ 120VAC DC Input: -48VDC nominal, -36 to -72VDC, 4.7A @ -48VDC
Consumption	70W (typical)
Connectors	
Monitoring Port	(8) SFP cages
Network Ports	(16) RJ45 10/100/1000
Management Ports	(1) RJ45 RS232 and (1) RJ45 10/100/1000
Management	
CLI local or SSH remote, Web UI, SNMPv3, SNMPv2, SNMPv1, RADIUS, TACACS+, RMON,DHCP	

Certifications	
Safety	UL, CE, CB, CSA
Emissions and Immunity	FCC, EN
FCC, EN L	RoHS, WEEE, Fully IEEE 802.3 compliant

Ordering Information

Part numbers for LA-2407: (8) 10/100/1G Inline Links to (8) Monitor Ports

LA-2407

iLink Agg, (8) 10/100/1G IL to (8) SFP

Part numbers for LA-2408: (8) 10/100/1G Inline Links or (16) SPAN Ports to (8) Monitor Ports

LA-2408

iLink Agg, (16) 10/100/1G IL/Span to (8) SFP

Learn more at: www.keysight.com

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