IXIA 1G AND 10G REGEN TAP

ixia

Ixia 1G and 10G Regen Taps enable multi-device monitoring for 10 gigabit and 1 gigabit networks without adding cost for ongoing device management or configuration. For a complete picture of network health, these taps connect up to eight different network management and security devices at any single network location.

Ixia Regen Taps are completely secure, isolated from any external threats, and do not run the risk of becoming compromised like other managed solutions. These devices can be deployed without adding cost for configuration or ongoing management and work right out of the box.

In addition, these Regen Taps have SFP or SFP+ monitor ports so they can attach to monitoring equipment with any type of interface: single-mode or multi-mode fiber and copper. Just plug in the appropriate transceiver modules for as many and whatever types of monitoring or security tools you want.

KEY FEATURES

- Secure Regen Tap—No way for the device to become compromised or brought down by external threats

- Fully passive—monitoring infrastructure does not impact network availability

- Does not modify traffic – tools see real copies of the packets from the network

- Cost effective—avoid costly expenses managing SPAN ports

HIGHLIGHTS

- Secure monitoring; no IP address is needed for the tap

- Does not require costly device management or configuration time

- Supports 1Gbps or 10Gbps network speeds

- Passes all traffic, including errors

- Redundant power ensures monitoring uptime

- SFP and SFP+ monitor ports enable flexibility on monitor tool interface

- No Y-cables, each half-duplex data stream has 8 monitor ports

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

SPECIFICATIONS

Electrical	
AC Power Supply Input	100-240VAC, 0.5A, 47-63Hz
DC Power Supply Input	-48VDC nominal, -36 to -72VDC, 1A
Power Consumption (max)	45W
Environmental	
Operating Temperature	0˚C to 40˚C
Relative Humidity	10% min, 95% max, non-condensing
Non-Operating	
Storage Temperature	-10ºC to 70ºC
Relative Humidity	10% min, 95% max, non-condensing
Mechanical	
Dimensions	1.75" high x 13" deep x 17" wide
Weight	5 lbs
Connectors	
Monitoring Ports	16 SFP or 16 SFP+ cages
Network Ports	2 x LC connectors

Fiber Optic Specifications	
Multimode	• Fiber Core: 50µm or 62.5µm • Wavelengths supported: 850nm • Split Ratios Available: 50/50, 70/30
Single Mode	• Fiber Core: 8.5µm • Wavelengths supported: 1310nm or 1550nm • Split Ratios Available: 50/50, 70/30
Certifications	
MET (UL), CE, FCC, VCCI, C-Tick, RoHS, WEEE, IEEE 802.3 compliant	

PRODUCT ORDERING INFORMATION

RG-830

Regen, 8x1, IL, Fiber, 1G, SX, 62.5µm, 50:50, SFP Ports

RG-830-DC

Regen, 8x1, IL, Fiber, 1G, SX, 62.5µm, 50:50, SFP Ports, DC

RG-830X

Regen, 8x1, IL, Fiber, 10G, SR, 62.5µm, 50:50, SFP+ Ports

RG-830X-DC

Regen, 8x1, IL, Fiber, 10G, SR, 62.5µm, 50:50, SFP+ Ports, DC

RG-840

Regen, 8x1, IL, Fiber, 1G, SX, 50µm, 50:50, SFP Ports

RG-843

Regen, 8x1, IL, Fiber, 1G, SX, 50µm, 70:30, SFP Ports

RG-840X

Regen, 8x1, IL, Fiber, 10G, SR, 50µm, 50:50, SFP+ Ports

RG-843X

Regen, 8x1, IL, Fiber, 10G, SR, 50µm, 70:30, SFP+ Ports

RG-845X

Regen, 8x1, Span, Fiber, 10G, SR, 50µm, SFP+ Ports

RG-850

Regen, 8x1, IL, Fiber, 1G, LX, 8.5µm, 50:50, SFP Ports

RG-853

Regen, 8x1, IL, Fiber, 1G, LX, 8.5µm, 70:30, SFP Ports

RG-850X

Regen, 8x1, IL, Fiber, 10G, LR, 8.5µm, 50:50, SFP+ Ports

RG-850X-DC

Regen, 8x1, IL, Fiber, 10G, LR, 8.5µm, 50:50, SFP+ Ports, DC

RG-855X

Regen, 8x1, Span, Fiber, 10G, LR, 8.5µm, SFP+ Ports

SFP+ or SFP modules are required for operation and are sold separately.