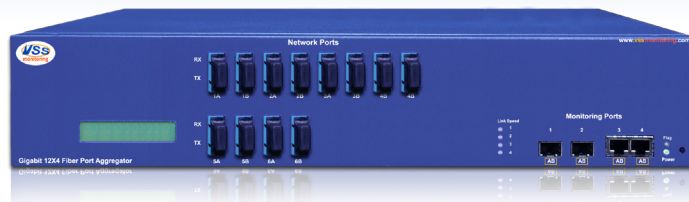




12 x 4 Distributed Tap

V12.4 C.C-F-AS | V12.4 L.C-J-AS | V12.4 S.C-J-AS | V12.4 Z.C-J-AS



Benefits

- 10/100/1000 Inline or SPAN Monitoring
- Aggregation Reduces Required Ports On Monitoring Devices
- Easy Plug and Play Installation
- Remote Management via Telnet, HTTP, and SNMP
- Complete Data Capture at Full Line Rate
- 100% Uptime – Power Loss Will Not Drop Network Link
- Shields Monitoring Device From Intruders

Features

- Full Duplex and Half-Duplex Support
- SPAN-Only Versions Available
- Command Line and HTTP/HTTPS Interface
- Selective Aggregation Allows Only Ports of Interest to be Seen
- In-Field Upgradable
- Universal Power Supply for Global Use
- Dual, Redundant Power Supplies
- Full Line-Rate 12-Gigabit Performance

Distributed Taps

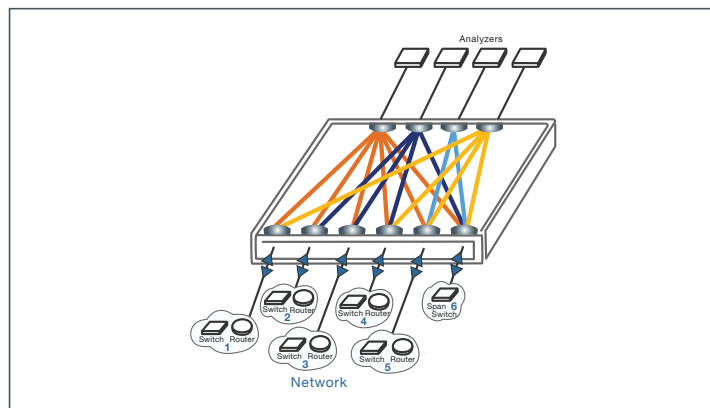
VSS Monitoring is at the forefront of aggregation and selective aggregation technology to help end-users get the most from their network monitoring tools. Aggregation can significantly reduce the costs of tapping multiple network links without sacrificing the traffic-capture quality. Rather than deploy multiple collection points, a single device can aggregate each link and allow for central visibility.

VSS Monitoring Distributed Taps can be placed in tandem to increase port-density for large data centers, IDFs, and core networks. VSS has placed an emphasis on port and rack density, ensuring that customers can purchase exactly what they need without having to extend capital budgets. Additionally, because Distributed Taps can replicate traffic to multiple monitoring ports, many tools can utilize the VSS Distributed Tap for security, network monitoring, and forensic analysis.

Product Description

The V 12.4 Distributed Tap provides simultaneous monitoring of up to 12 10/100/1000 or Gigabit links on any of its 4 monitoring ports. Monitoring ports include 2 SFP modules and 2 10/100/1000 ports that combine all user-selected network inputs.

This device enables local management via a serial console and remote management via Telnet, HTTP, HTTPS, and SNMP. Extensive link diagnostics are available through each user



interface. Ports may also be assigned text names of up to 80 characters for ease of use. The network ports can be configured to operate in either SPAN or inline mode giving the user flexibility to deploy multiple or all ports as inline taps while using the remaining ports as input streams only. Another configuration feature allows any of the 12 10/100/1000 or Gigabit Links to be selected for

aggregation enabling the user to choose dynamically which of the 12 ports to monitor.

Redundant power supplies allow seamless transitions between power systems and maximize uptime.

Technical Specifications

Mechanical													
Unit Type:	V 12.4 C.C-F-AS			V 12.4 L.C-J-AS			V 12.4 S.C-J-AS			V 12.4 Z.C-J-AS			
Total Weight (Copper):	9.25 lb. / 4.2 kg.			N/A									
Total Weight (Fiber):	N/A			11 lb. / 5 kg.									
Size (Copper):	17.3" (w) x 13.4" (d) x 1.75" (h) / (441mm x 340 mm x 44mm) 1RU High, Fits standard 19" Rack, 21" Deep												
Size (Fiber):	N/A			17.3" (w) x 13.4" (d) x 3.47" (h) / (441mm x 340 mm x 88mm) 2RU High, Fits standard 19" Rack, 21" Deep									
Copper Network Ports:	(x12)			N/A			N/A			N/A			
Fiber Network Ports:	N/A			(x12)			(x12)			(x12)			
Copper Monitor Ports:	(x2)			(x2)			(x2)			(x2)			
SFP Ports:	(x2)			(x2)			(x2)			(x2)			
Split Ratio:				90:10		80:20		70:30		60:40		50:50	
Wavelength:	Insertion Loss (dB)	Net	Mon	Net	Mon	Net	Mon	Net	Mon	Net	Mon		
	850nm SX	< 1.3	< 10.8	< 1.9	< 8.0	< 2.5	< 6.3	< 3.2	< 4.9	< 4.0	< 4.0		
	1300nm SX	< 1.3	< 10.8	< 1.9	< 8.0	< 2.5	< 6.3	< 3.2	< 4.9	< 4.0	< 4.0		
	1310/1550nm LX/ZX	< 0.7	< 11.4	< 1.4	< 7.9	< 1.9	< 6.0	< 2.7	< 4.7	< 3.6	< 3.6		
Performance													
Full line rate:	16 Gbps												
Environmental													
Temperature:	0 – 55 degrees C (operating); -20 – 100 degrees C (storage)												
Humidity:	5% – 95%, non-condensing												
Data													
Rates:	10 Mbps - 1 Gbps												
Types:	Ethernet, 10Base-T, 100Base-Tx, 1000 Base-T, 1000 Base-SX, 1000 Base-LX, 1000 Base-ZX												
Propagation Delay													
Network Cable Distance:	100M												
Network:	< 1.2 Packets												



Network Visibility. Optimized.

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VSS Monitoring, Inc. is the world's leading innovator of Distributed Traffic Capture Systems™ and network taps, focused on meeting the rapidly evolving requirements of security and performance conscious network professionals. Distributed Traffic Capture Systems herald a new architecture of network monitoring, one which fundamentally improves its capability and price-performance.

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