



SINGLEstream™ 2212

10 - 10 Gigabit Taps, 10 Gigabit Monitoring for 2 Analysis Tools SS-2212-10G

Reliable Visibility from Ten (10) 10G Links to 2 Monitoring Devices. Direct Each Tool to Any Tapped Link

10 Gigabit Access

The SS-2212-10G In-Line fiber network tap allows you to direct a copy of traffic from any of the ten tapped network links and send the copy to one or both monitoring tools. Passive and non-intrusive visibility is available for two 10G monitoring tools.

Totally Passive and Power Fault Tolerant

Integrated fiber taps are completely passive devices and are not a point of failure on the network. Even if power is lost to the tap, the network traffic will not be affected. If one side of the link fails for any reason, the device on the other side of the link will recognize this outage immediately, so routers and switches can engage redundant protocols and failover systems.

Zero Latency

Fiber taps allow traffic to flow between network devices through an optical to optical interface, which resolves any latency concerns between network devices.

Regeneration

One-to-Many configurations replicate copies of identical network traffic to provide multiple tools monitoring access to the same links. In addition to eliminating contention for access to critical links, multiple tools can be connected to the same link for redundancy, testing, or advanced monitoring applications.

Interconnect up to 8 devices

Provide analyzer access for up to 80 10G links by interconnecting up to 8 SS-2212-10G devices. When interconnected, they present a single logical unit where one tool can be easily directed to receive a copy of traffic from any of up to 80 network links. A second tool can receive traffic from the same link or any of the other 80 links that are tapped.

Graphic Display and Command Line Interface

The front panel graphic display allows users to determine where the copy of network link traffic is sent. Since the SINGLEstream™ can be interconnected, up to 8 deep, the address of each device, is available on the front panel. Power levels (in dB) on each link are available to determine if other network changes have occurred such as bad patch cords.

Reliable and Easy to Use

The SINGLEstream™ Network Tap is simple to deploy, and every unit comes with dual redundant hot-swappable power supplies to ensure monitoring uptime.

Highlights

- 100% Network Uptime - fiber tap is completely passive and won't disrupt the network even if power is lost to the tap
- Decreased reliance on switch resources for network management visibility
- Eliminate SPAN port contention, oversubscription, and configuration errors
- After installation, deploy tools right away without impacting your production network
- Easily share test access points without maintenance windows
- Single point of deployment and remote management minimizes management expenses and reduces MTTR
- Keep your monitoring tool plugged in while troubleshooting the same link

Features

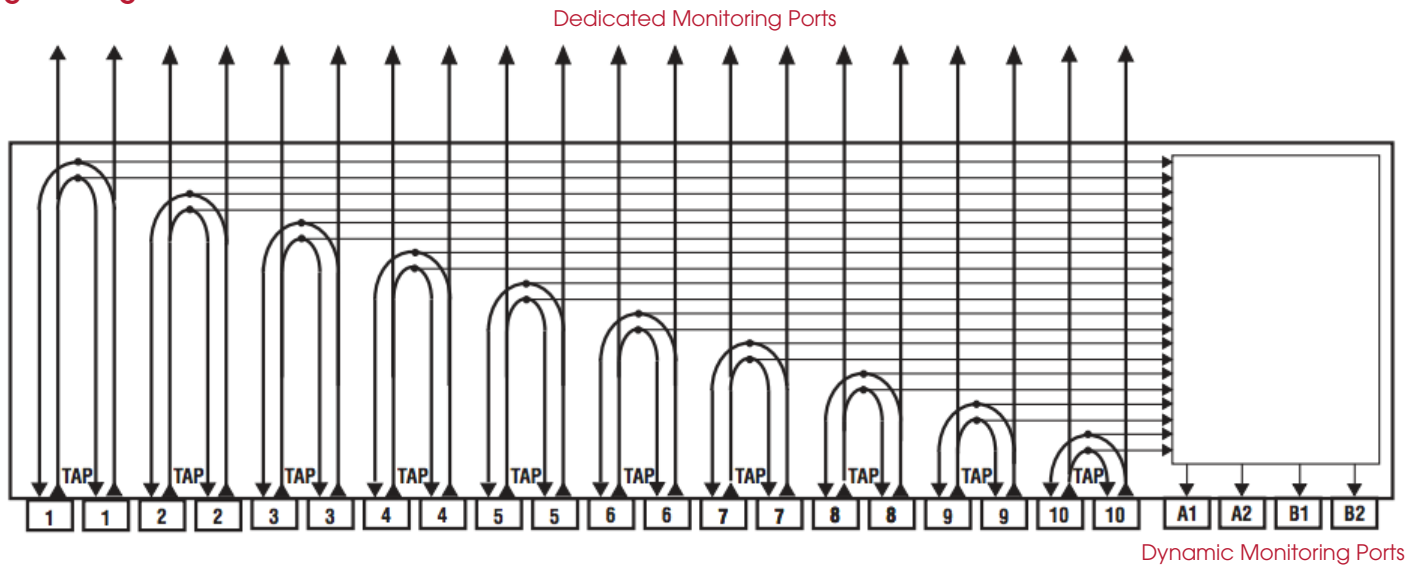
- Monitoring Ports can be directed to any tapped channel
- Channel Naming
- Telnet, SSH
- Managed User Privileges
- Dual Redundant Power Supplies are hot swappable and load balanced to ensure monitoring uptime



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Logical Diagram



Technical Specifications

PORTS

Network: Ten (10) SR or LR Network Taps with Dual LC Connectors
 Monitoring: Two (2) SR or LR Monitoring Ports
 Management: RJ45 @10/100/1000 Mbps Full Duplex
 Serial: DB9F DB9M

POWER REQUIREMENTS

Hot Swappable Dual Redundant Power Supplies (AC or DC)
 BTU/H: 682 typical
 AC: 100-240VAC, 50-60 Hz, 4.0A-2.0A
 DC: 40.5-72.0VDC, 10.0-5.0A

CERTIFICATIONS

CE, RoHS

PHYSICAL DIMENSIONS (H x W x D)

1.72 x 19.00 x 26.5 in (4.37 x 48.26 x 67.31 cm)

WEIGHT

18.5 lbs (8.23 kgs)

ENVIRONMENT

Operating Temperature: 32° to 104°F (0° to 40°C)
 Storage Temperature: -22° to 149°F (-30° to 65°C)
 Humidity: 5 to 90% non-condensing

WARRANTY

One (1) Year Hardware Warranty included. Advanced Replacement-Next Day, Third Business Day options available.

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ORDER INFORMATION

Product

SS-2212-SR-10G

SS-2212-LR-10G

Description

SINGLEstream™ 10G Link Network Tap (10 Taps, 2 Non-Aggregated Monitoring Ports). SR* multimode (50 or 62.5 micron)*

SINGLEstream™ 10G Link Network Tap (10 Taps, 2 Non-Aggregated Monitoring Ports). LR single mode (9 micron).

*specify tap diameter when ordering

Rack Mount Included

Find out more. Visit
www.datacomsystems.com

