



# SINGLEstream™ 2222

## 10 - 10 Gigabit Taps, 10 Gigabit Monitoring for 12 Analysis Tools SS-2222-10G

### Reliable Visibility from Ten (10) 10G Links to 12 Monitoring Devices. Direct Tools to Any Tapped Link

#### 10 Gigabit Access

The SS-2222-10G In-Line fiber network tap gives you a secure, dedicated simplex monitoring port on each link from the network. You also have two additional dynamic monitoring ports that can receive traffic from any of the 10 links tapped. That's a total of 12 10G monitoring ports from 10 tapped links.

#### 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.

#### Security (Dedicated Monitoring Ports)

Dedicated monitoring ports only have access to their associated tap port. There is no visibility to other tap ports from a dedicated monitor port. This maintains security/privacy for groups that need to see traffic only on their assigned link. Administrators can use the dynamic monitoring ports to access any tapped link for analysis.

#### 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

Replicate copies of identical network traffic to provide 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 dynamic monitor port analyzer access for up to 80 10G links by interconnecting up to 8 SS-2222-10G 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 which dynamic monitoring port, 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

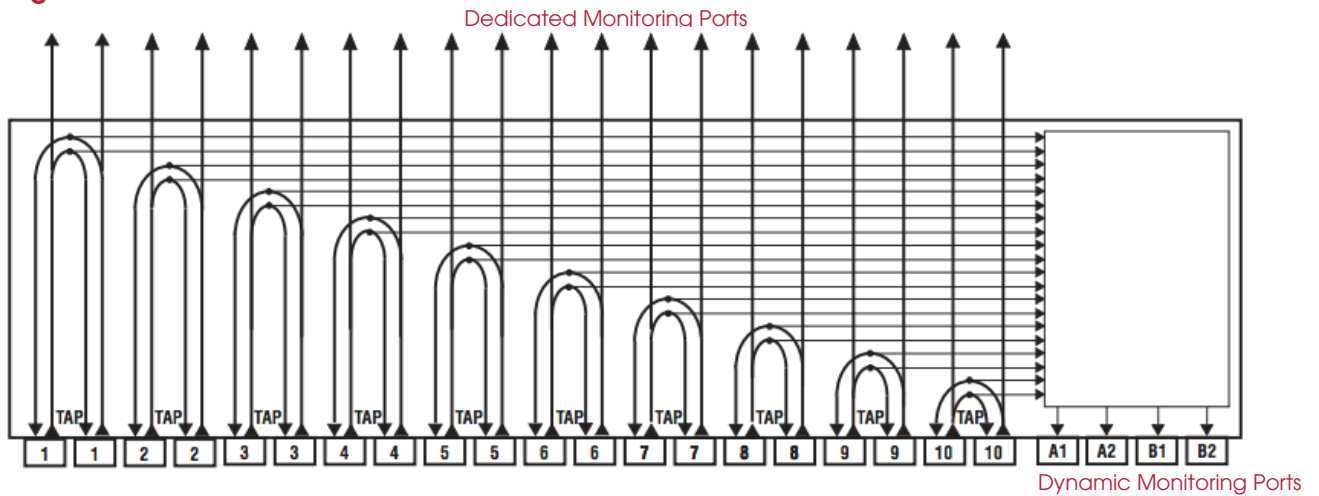
- 2 Dynamic Monitoring Ports can be directed to any tapped channel
- 10 Dedicated Monitoring Ports, one dedicated to each tapped link, with virtually no latency from the link
- Security - Dedicated Monitoring Ports only see data from their assigned network link
- Channel Naming
- Telnet, SSH
- Managed User Privileges
- Dual Redundant Power Supplies are hot swappable and load balanced



# SINGLEstream™ 2212

## 10 - 10 Gigabit Taps, 10 Gigabit Monitoring for 12 Analysis Tools SS-2222-10G

### Logical Diagram



### Technical Specifications

#### PORTS

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

#### 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.

#### ORDER INFORMATION

##### Product

SS-2222-10G

SR\* or LR

Rack Mount Included

##### Description

SINGLEstream™ 10G Link Network Tap (10 Taps, 2 Non-Aggregated Monitoring, 10 Dedicated Non-Aggregated Monitoring Ports)

SR: multimode (50 or 62.5 micron)\*

LR: single mode (9 micron).

\*specify tap diameter when ordering

Find out more. Visit [www.fullcontrolnetworks.co.uk](http://www.fullcontrolnetworks.co.uk)