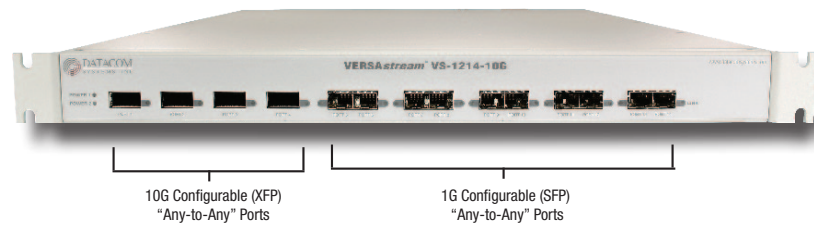


# VERSAstream™ 10G/1G Data Access Switch

Four (4) XFP 10 Gigabit Ports to Ten (10) SFP Gigabit Ports  
 VS-1214-10G Models

## Any-to-Any and Flexible Connectivity Help Bridge the Gap Between Existing Gigabit and New 10 Gigabit Monitoring Tools



Today's new business challenges require network and security professionals to monitor and analyze more links in greater detail throughout the network. At the same time, networks are growing more complex, carrying more services across the same cables, and requiring greater bandwidth. In order to meet growing performance demands, networks are being upgraded, but while networks are getting faster, many network and security professionals are having to make do with the monitoring tools they already have.

The Datacom Systems VS-1214-10G helps meet emerging 10 Gigabit network access challenges by allowing companies to conveniently connect both 10 Gigabit and Gigabit test and monitoring tools to any traffic on their dynamic network. Not only does this provide access capabilities to leverage new 10 Gigabit tools throughout the enterprise, it accommodates existing Gigabit tools as well.

### Data Filtering



Instead of tools attempting to keep up with high-speed aggregated traffic streams, the VS-1214-10G-F (with data filtering) provides the option of applying filters to the data to increase tool efficiency and eliminate port oversubscription. Line-rate hardware filtering on each port allows you to customize and streamline the amount and type of data each connected monitoring tool receives. Because they are receiving only traffic of interest, tools run faster, data is easier to work with, and issues are resolved quicker. Filters include IP and MAC ranges, VLAN, frame, port number, protocol type, even customizable offsets in the packet header.

### Aggregation (Many-to-Any)



Many-to-Any monitoring access aggregates network traffic and provides visibility for one or more monitoring tools into multiple network segments. Aggregate and reassemble full duplex conversations from one or more trunked links. Perfect for tools that don't support multiple monitoring interfaces or for redundant networks, EtherChannel, load balanced servers, and asymmetrically routed traffic.

### Regeneration (Any-to-Many)



Any-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 scarce SPAN ports and test access points, multiple tools can be connected to the same link for redundancy, testing, or advanced monitoring applications.

### Port Steering (Any-to-Any)



Any of the VS-1214-10G's four (4) 10G ports and ten (10) 1G ports can be configured as input (network) or output (monitoring) ports on the fly through an easy to use command line interface (CLI). Any monitoring port can receive traffic from any of the other ports, eliminating the need for network managers to change complex network configurations or move tools around their network.

The flexibility and control of port inputs/outputs allows you to monitor 10G networks with Gigabit tools and provides a simple cost-effective solution to bridge the gap between legacy tools and the increasing speeds of your network.

### Benefits

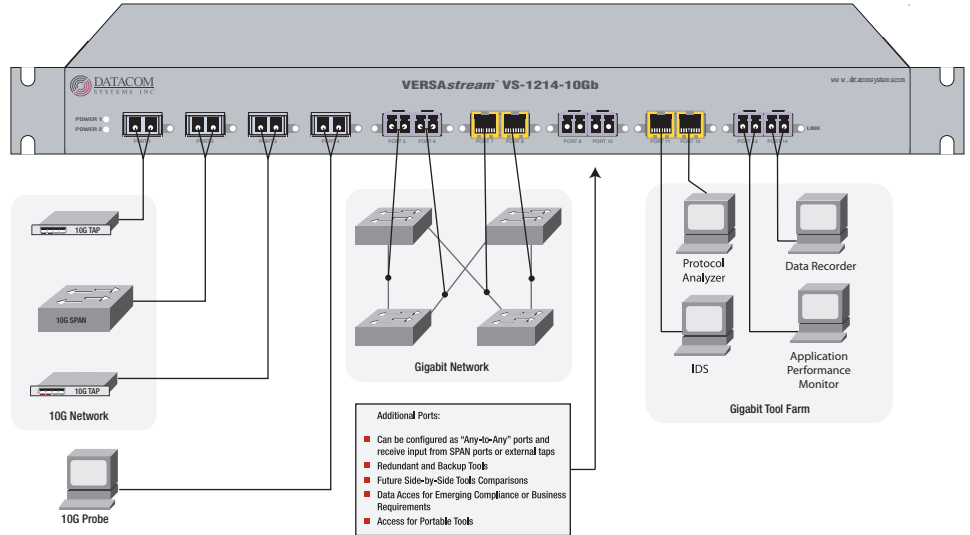
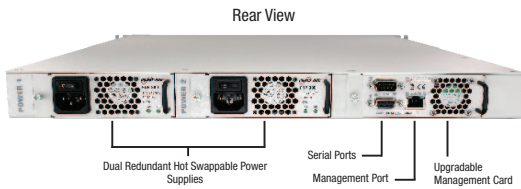
- Monitor 10G links with Gigabit Tools for Increased ROI and more efficient use of monitoring resources
- Easily share scarce SPAN ports and test access points without maintenance windows or approval
- Provide immediate network access for new compliance monitors
- Consolidate monitoring tools to reduce management expenses and lower tool costs
- Single point of deployment and remote management minimizes management expenses and reduces MTTR
- Deploy tools right away without impacting your production network

### Features

- Regeneration - Send copies of traffic from SPAN ports or external taps to multiple connected tools to share data sources
- Aggregation - Combine multiple network links or channels into one stream for visibility into complete network conversations
- Port Steering - Any-to-Any connectivity solves tool deployment problems and eliminates the need to change network configurations
- Filtering - Line-rate hardware-based filtering can eliminate port oversubscription and customize data flow to each tool (-F model)
- Increased visibility without introducing a point of failure on the network
- Stays invisible to the network for enhanced security
- Compatible with all major manufacturers' monitoring systems and analyzers
- Hot Swappable Dual Redundant Load Balanced Power ensures monitoring uptime

**VERSAsream™ 10G/1G Data Access Switch**

Four (4) XFP 10 Gigabit Ports to Ten (10) SFP Gigabit Ports

**VS-1214-10G Models**

**Technical Specifications - VS-1214-10G**
**ANY-TO-ANY PORTS**

 Four (4) XFP - 10 Gigabit  
 Ten (10) SFP - Gigabit

**MANAGEMENT PORT (REAR)**

RJ45 @ 100Mbs Full-Duplex

**SERIAL PORTS (REAR)**

One (1) DB9F and One (1) DB9M

**POWER REQUIREMENTS**

 Hot Swappable Dual Redundant Power Supplies (AC or DC)  
 AC: 100-240VAC, 50-60 Hz, 0.4A-0.2A  
 DC: 40.5-72.0VDC, 10.0-5.0A

**CERTIFICATIONS**

 CE  
 Fully RoHS Compliant

**PHYSICAL DIMENSIONS (HXWXD)**

1.75 x 19.00 x 21.00 in (4.45 x 48.26 x 53.35 cm)

**WEIGHT**

13.5 lbs (6.12 kgs)

**ENVIRONMENTAL**

 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**

 Standard Model: Two (2) Year Limited Warranty  
 Filter Model: One (1) Year Limited Warranty -Support Contract Required

**ORDER INFORMATION**

Product	Description
VS-1214-10G	VERSAsream™ 10G/1G Data Access Switch Four (4) XFP to Ten (10) SFP Gigabit Ports
VS-1214-10G-F	VERSAsream™ 10G/1G Data Access Switch with Data Filtering (4 - XFP to 10 - SFP Ports)
AC or DC	AC or DC Power
SFP	SFP-SX: 850nm; multi-mode (50 or 62.5 micron)* SFP-LX: 1310nm; single mode (9 micron) SFP-RJ45 *Specify tap diameter when ordering
XFP	XFP-SR: 850nm; multi-mode (50 or 62.5 micron) XFP-LR: 1310nm; single mode (9 micron) XFP-ER: 1550nm; single mode (9 micron)

Note: SFPs and XFPs are Optional Additional Purchase

