

VERSAstream™ 2024 Data Access Switch
24-Port Any-to-Any with Packet Filtering
VS-2024-F Model**Flexible, Any-to-Any Connectivity and Line-Rate Hardware Based Packet Filtering for Optimized Data Capture and Monitoring Applications**

Configurable "Any-to-Any" Ports - 10G and/or 1G
(supports SFP+ SR, LR, SFP SX, LX, BT)

**Data Capture Infrastructure Optimizes Network Monitoring and Increases Efficiency**

Networks are growing more complex, carrying more services, higher volumes of multi-protocol network traffic, and requiring greater bandwidth. At the same time, network and security personnel are required to monitor and analyze more links in greater detail throughout the network in order to meet application performance demands, minimize security threats, and meet regulatory compliance. Higher speed networks are being deployed, fueling the need for higher speed monitoring tools. However, while networks are getting faster, many network and security professionals are also having to make do with the legacy monitoring tools they already have.

The Datacom Systems VS-2024-F helps solve many of today's most pressing tool deployment problems by allowing organizations to conveniently connect 10G and 1G test and monitoring tools to any traffic on the network. Network tools can be leveraged throughout the enterprise, allowing multiple departments with different needs to share tools and network access points with remote and centralized control.

Data Filtering and Load Balancing

Instead of tools attempting to keep up with high-speed aggregated traffic streams, the VS-2024-F can apply packet 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, even customizable offsets in the packet header.

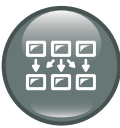
Load balancing can further reduce bottlenecks, port oversubscription, and ensure network resources are not under-utilized by distributing traffic from one source to multiple destinations.

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 24 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.

Benefits

- Consolidate monitoring tools to reduce management expenses and lower tool costs
- Single point of deployment and remote management minimizes management expenses and reduces MTTR
- 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
- Deploy tools right away without impacting your production network

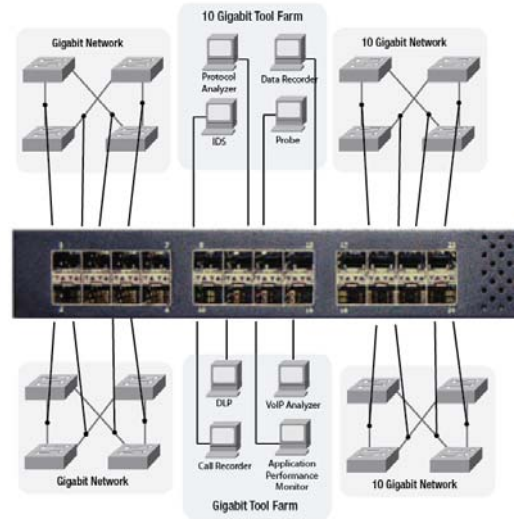
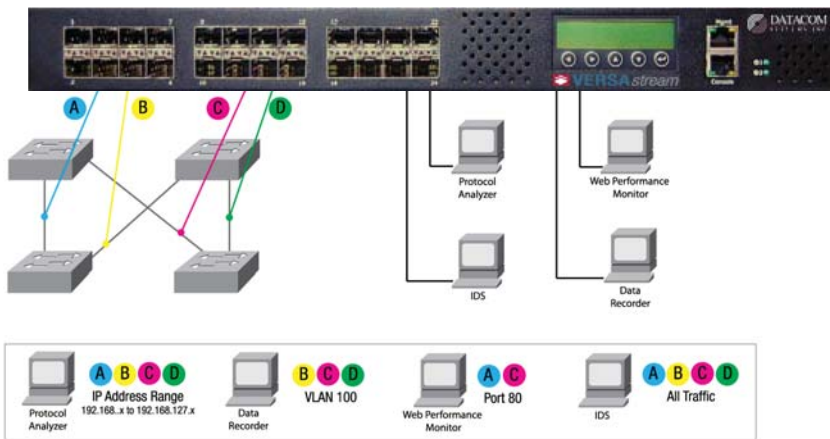
Features

- Regeneration - Send copies of traffic from SPAN ports or external taps to multiple connected tools to share data sources
- Selective Aggregation - Combine multiple network links or channels into one stream for visibility into complete network conversations
- Filtering - Line-rate hardware-based filtering can eliminate port oversubscription and customize data flow to each tool
- Load Balancing and Port Failover Protection - Maximizes both network and monitoring performance and uptime
- Media Conversion - Leverage existing monitoring tools regardless of media type
- Manage device remotely or locally with Web-based management (HTTPs) or extensive CLI
- Management port with SSH connectivity
- SNMP management, including traps and e-mail event notifications on defined events
- Interfaces with authentication servers such as TACACS+
- Support for RMON stats, Syslog, MPLS, Q in Q

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24-Port Any-to-Any with Packet Filtering

VS-2024-F Model



Technical Specifications - VS-2024-F

PORTS

Any-to-Any Ports: Twenty-Four (24)
(Supports SFP+ SR, LR, SFP SX, LX, BT)
 Management Port: RJ45
 Console Port: RJ45 (Serial)

POWER REQUIREMENTS

Dual Redundant Internal Power Supplies (Included)
 Maximum Power Consumption: Less than 150 Watts
 Input: 100-240V ~47-63Hz
 1.4A MAX.

CERTIFICATIONS

CE
 FCC Class A
 UL
 Fully RoHS Compliant

PHYSICAL DIMENSIONS (HxWxD)

1.68 x 19 x 18 in (4.27 x 48.26 x 45.72 cm)

WEIGHT

12.15 lbs (5.51 kgs)

ENVIRONMENTAL

Operating Temperature: 32° to 131°F (0° to 55°C)
 Storage Temperature: -22° to 149°F (-30° to 65°C)
 Humidity: 5 to 95% non-condensing

WARRANTY

One (1) Year Limited Warranty

FILTERING

IP Sources and Destinations, Subnets
 MAC Source and Destination
 VLAN
 Ports
 Ranges
 User-defined Byte Offset

ORDER INFORMATION

Product	Description
VS-2024-F	VERSAstream™ 24-Port Data Access Switch (24 – Any-to-Any Port)
SFP+-SR/LR	SR (50 or 62.5 micron) LR (9 micron)
SFP-RJ45	10/100/1000BT
SFP-SX	SX (50 or 62.5 micron)
SFP-LX	LX (9 micron)
Warranty	One (1) Year Limited Warranty Rack Mounts Included
S-VS-2024-F	One (1) Year Limited Warranty Rack Mounts Included

