



VERSAstream™ 1204



4-Port Copper Data Access Switch

VS-1204BT-S



Full Network Visibility for Monitoring Solutions

Aggregation

Monitoring network traffic from two different sources is an important and frequent requirement in network analysis, commonly referred to as data "aggregation." For example, in order to properly troubleshoot most network problems, network professionals need to receive traffic from both sides of a full duplex conversation.

Many network analysis or security tools are capable of monitoring traffic from many different points in the network at once. These tools however, only have a limited number of network interface cards and can only receive traffic from as many sources as they have ports.

Aggregation allows traffic to be combined from multiple sources including tap outputs, SPAN ports, or mirror ports. By combining the traffic originating from different sources into a single link, a single tool can be leveraged to provide security or analysis to a larger part of the network.

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 traffic streams for redundancy, testing, or advanced monitoring applications.

In addition to being able to replicate traffic to multiple tools, regeneration also provides the capability of sharing identical copies of traffic with multiple departments. This can eliminate SPAN port contention and allow each department access to a wider variety of data. With fully customizable regeneration, each department has the ability to access only the traffic flows that they need to see to do their job.

Port Steering (Any-to-Any)

Every port on the VERSAstream™ is capable of sending incoming traffic to any other port, and as a result, is capable of receiving traffic from any other port.

Since the port steering is left unrestricted, it is possible to set up the VERSAstream™ in a way that best compliments the data capturing architecture. These Any-to-Any ports can be dynamically configured through an easy to use command line interface (CLI).

Configurability

Using an easy to use command line interface (CLI), all port settings and management settings can be configured on the fly. As port speeds, network setup, and traffic requirements change the VERSAstream™ can with them.

Features like SNMP can be enabled and configured through the CLI for easier management of the switch, While traffic related features like VLAN Tag Stripping can be enabled and configured through the CLI to customize it's traffic flows.

Secure Access to Traffic

VERSAstream™ Data Access Switches are deployed out-of-band, and have no MAC or IP settings on the traffic ports. Because of this, the switch is invisible to the network and does not modify the traffic passing through it.

Highlights

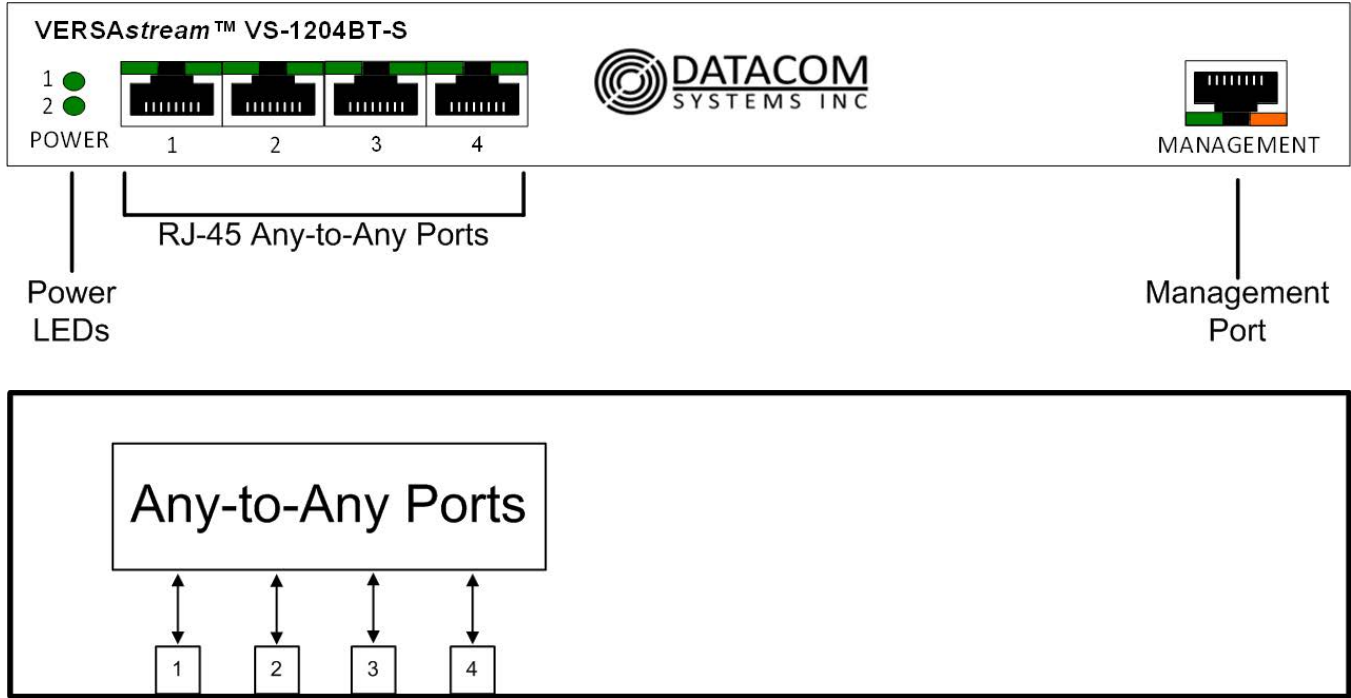
- Easily share scarce SPAN ports and test access points without maintenance windows or approval
- Decrease reliance on switch resources for network management visibility. Eliminate SPAN port contention, oversubscription, and configuration errors
- Consolidate monitoring tools to reduce management expenses and lower tool costs
- Easily share copied traffic for improved monitoring without maintenance windows
- Single point of deployment and remote management minimizes management expenses and MTTR

Features

- Aggregation - Combine multiple network links or channels into one stream for visibility into complete network conversations
- Regeneration - Send copies of traffic from the tap to multiple connected tools to share data sources
- Port Steering - Any-to-Any connectivity solves tool deployment problems and eliminates the need to change network configurations
- 10/100/1000Mbps, with full/half duplex or autonegotiated.
- Stays invisible to the network for enhanced security
- SSH and SNMP v2c, v3
- Flexible traffic flow to monitoring tools
- Dual Redundant Power ensures monitoring uptime.



VERSAsystem™ 1204



Technical Specifications

PORTS

Any-to-Any: Four(4) 10/100/1000 (RJ45)
 (RJ45) Management (front): RJ45 @ 100 Mbps Full-Duplex
 Serial (rear): DB9F

POWER REQUIREMENTS

Two (2) External AC Adapters (included)
 Input: 100-240 VAC, 50-60Hz, 0.8A
 Output: 5VDC, 2A

CERTIFICATIONS

CE, RoHS, CAN ICES-3 (B)/NMB-3(B)

PHYSICAL DIMENSIONS (H x W x D)

1.10 x 8.00 x 7.00 in (2.79 x 20.32 x 17.78 cm)

WEIGHT

1.6 lbs (0.7 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, 3rd Business Day options available.

ORDER INFORMATION

Product

VS-1204BT-S

Description

VERSAsystem™ 4-Port (BT) Data Access Switch (4 - 10/100/1000 Any-to-Any Ports), with SSH, SNMP

Optional Equipment

RMC-2

2-TAP 1U Rack Mount Chassis

RMC-12-2

12-TAP 6U Rack Mount Chassis

RPS-12-5-AC (or -DC)

12-TAP Dual Redundant Rack Mountable Power Supply Unit (specify AC or DC)

