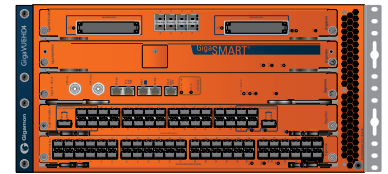




Product Brief

GigaVUE HD Series



Large-scale, High-speed Active Visibility Nodes

As enterprises, data centers and service providers respond to the ever-increasing volume of network traffic and the need to effectively and efficiently manage their environment, they look to Gigamon® for a scalable, pervasive, and intelligent monitoring infrastructure platform.

Gigamon created the visibility market and continues to lead the industry with innovative solutions. The GigaVUE HD Series was the first product line to provide large-scale monitoring across the data center. With the adoption of high-speed infrastructures such as 40Gb and 100Gb, Gigamon led the charge to introduce the first 100Gb visibility blade. Patented Flow Mapping® technology bridges the gap between high-speed networks and monitoring tool performance restrictions. High-speed traffic flows entering the Visibility Platform are easily filtered and forwarded to 10Gb tools for efficient analysis.

The GigaVUE HD Series nodes all share a common set of blades interchangeable across systems. These include a combination of port blades to span the range from high-density 1Gb to high-speed 100Gb blades. Intelligent processing and deep packet inspection is delivered via GigaSMART® blades offering services such as enhanced packet distribution to make tools more efficient and advanced masking capabilities to assist with compliance regulations. Additional licenses are available for a variety of applications including SSL/TLS decryption, de-duplication, and NetFlow and metadata generation.

Multiple nodes are clustered together with other GigaVUE H Series devices to create a collective solution. Traffic is available to or from any connection across the cluster, scaling to thousands of ports. GigaVUE-FM fabric manager provides customizable dashboards and wizards to view, configure, and manage the Visibility Platform from a single pane-of-glass view.

The GigaVUE® visibility nodes work together to create an intelligent and pervasive Visibility Platform with the capability to aggregate, replicate, filter, and transform traffic from across broad networks to the appropriate, centralized management, monitoring, and security systems.

Quick Specs

- ✓ 5RU or 14RU modular large-scale chassis
- ✓ GigaSMART traffic intelligence
- ✓ Cluster capable
- ✓ Support for 1Gb, 10Gb, 40Gb and 100Gb interfaces

Features & Benefits

- Active visibility for high-speed, high-volume infrastructures
- Clustering capability of up to eight visibility nodes for a scalable monitoring infrastructure
- Chassis-based, modular design supports the full line of GigaVUE HD Series blades
- Gigamon's patented intelligent Flow Mapping filtering capabilities and powerful mapping with 1,000s of map rules

Use Cases

- Purpose-built visibility node with hot-swappable blades, fans and power supplies for core enterprise network infrastructures
- High-performance, end-of-row data centers
- Telco 4G/LTE environments facing Big Data challenges
- Financial and high frequency trading (HFT) deployments
- Data center upgrades moving to Cisco BiDi infrastructures

GigaSMART Technology

Gigamon's GigaSMART technology solves visibility challenges holistically with a platform-based architectural approach to enhance monitoring and improve tool performance. A range of features are available to enable the modification, manipulation, transformation, and transport of traffic to the tools you rely upon for management, monitoring, and security.



- ✓ Adaptive Packet Filtering
- ✓ Application Session Filtering
- ✓ De-duplication
- ✓ FlowVUE™
- ✓ GTP Correlation
- ✓ Header Stripping
- ✓ Load Balancing
- ✓ Masking
- ✓ NetFlow and Metadata Generation
- ✓ Packet Slicing
- ✓ Source Port Labeling
- ✓ SSL/TLS Decryption
- ✓ Time Stamping
- ✓ Tunneling