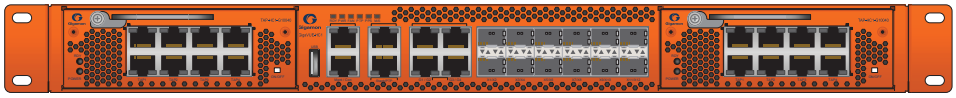
Gigamon®

Product Brief

GigaVUE-HC1

POWERED BY GigaSMART®



Compact Visibility Appliance

The distributed nature of today's infrastructure has made it more challenging to obtain visibility into data in motion in locations beyond the traditional data center, including small enterprises and remote sites owned by large enterprises or service providers. Gigamon's compact GigaVUE-HC1 expands the GigaSECURE® Security Delivery Platform architecture by delivering pervasive visibility across the enterprise and enabling effective security for the enterprise, big or small, local or remote. For service providers needing visibility at edge sites, the GigaVUE-HC1 helps to maximize service assurance and quality of experience for their subscribers.

The base chassis has twelve (12) SFP/SFP+ cages supporting 1Gb and 10Gb modules plus four (4) fixed RJ-45 ports for 10/100/1000Mb. Expandability is provided by two module bays. The copper TAP/bypass module has eight (8) RJ-45 ports to monitor four (4) 10/100/1000Mb links. The modules have fail-to-wire protection and support both out-of-band tapping and inline bypass protection.

Optional GigaSMART features provide traffic intelligence and visibility to remote sites. Generating metadata and NetFlow/IPFIX enhances security analytics without sending full packet streams across a WAN. When full packet data is required, traffic flows can be tunneled back to centralized tools for deeper inspection. Efficiency is further improved by dropping duplicate packets, removing unwanted headers, and slicing packets down to a more manageable size.

The GigaVUE-HC1 runs the same GigaVUE-OS used by the GigaVUE H Series and TA Series family of products, providing a consistent set of features and user experience. In addition, the GigaVUE-HC1 supports clustering with other visibility nodes to increase scale and reach. GigaVUE-FM provides a single pane-of-glass view through which users can manage and orchestrate the entire visibility platform, including the GigaVUE-HC1.

Quick Specs

- ✓ 1RU chassis with fixed ports and 2 module bays
- ✓ Inline bypass for security applications
- ✓ Embedded 10/100/1000M TAPs
- ✓ GigaSMART® traffic intelligence
- ✓ Cluster compatible
- ✓ Support for 10/100M, 1Gb, and 10Gb interfaces

Features & Benefits

- Small footprint saves space, power, and cooling while providing expandability through physical modules and GigaSMART software licenses
- Physical and logical bypass protection allows for the safe and scalable deployment of inline tools
- Embedded TAP modules consolidate secure access points in a compressed and compressed within the node for immediate backplane connectivity
- Intelligent Flow Mapping® enables complex traffic forwarding decisions at wire-speed performance
- Optional GigaSMART technology provides metadata generation, packet modification, and tunneling capabilities

Use Cases

- Small enterprises needing visibility for security and network monitoring
- Remote sites requiring visibility in the form of metadata and/or raw traffic feeds analyzed locally or by analysis tools centralized in main data center
- Service providers wanting to maximize service assurance and quality of experience for their subscribers by monitoring traffic at edge sites
- Healthcare, Education, and Financial IT departments needing to secure sensitive data across a distributed infrastructure

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 is available to enable the modification, manipulation, transformation, and transport of traffic to the tools you rely upon for management, monitoring, and security.

- ✓ De-duplication
- ✓ Header Stripping
- ✓ Masking
- ✓ NetFlow and Metadata Generation
- ✓ Packet Slicing
- ✓ Source Port Labeling
- ✓ Tunneling

2038-02 11/16

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3300 Olcott Street, Santa Clara, CA 95054 USA | +1 (408) 831-4000 | www.gigamon.com