



Sourcefire 3D9800 Sensor

Purpose-built Appliance for 10Gbps IPS

Sourcefire 3D9800 Sensor Key Features and Specifications

- 2U rack space height
- 6 dual-core CPUs for a total of 12 cores
- Available Network Interface Modules:
 - » 4 x 10Gbps SR fiber ports with bypass
 - » 4 x 10Gbps LR fiber ports with bypass
 - » 12 x 1Gbps copper ports with bypass
- Integrated, programmable fail-open capability for 1G copper & 10G fiber ports
- Comprehensive threat protection against:
 - » Worms
 - » Trojans
 - » Backdoor attacks
 - » Spyware
 - » Port scans
 - » VoIP attacks
 - » IPv6 attacks
 - » DoS attacks
 - » Buffer overflows
 - » P2P attacks
 - » Statistical anomalies
 - » Protocol anomalies
 - » Application anomalies
 - » Malformed traffic
 - » Invalid headers
 - » Blended threats
 - » Zero-day threats
 - » TCP reassembly and IP defragmentation
- Managed by Sourcefire Defense Center

Based on Snort®, the de facto standard for intrusion detection and prevention (IDS/IPS), Sourcefire 3D™ Sensors are available with throughputs from 5Mbps up to the industry's first-shipping 10Gbps IPS appliance, the Sourcefire 3D9800 Sensor. The 3D9800 Sensor is available with critical fault-tolerant features, such as integrated, programmable bypass capabilities, dual power supplies, and RAID drives, and it supports an array of high availability configuration options.

The Sourcefire 3D9800 is a purpose-built IPS appliance that can be deployed in inline or passive mode in many areas of the network—at the perimeter, in the DMZ, in the core, or at critical internal network segments. With up to 10Gbps of throughput, latency of less than 100 microseconds, and fully redundant configurations, the 3D9800 meets the demanding requirements of today's largest networks.

The 3D9800 Sensor offers three Network Interface Modules (NIMs) to choose from—a 4-port 10G LR fiber NIM, a 4-port 10G SR fiber NIM, or a 12-port 1G copper NIM.

Using the feature-rich, yet easy-to-use, Sourcefire Defense Center™ management console, customers can analyze events, configure and push IPS policies, automatically download and apply Snort rule updates, perform forensic analysis, and much more. Defense Center provides customers with powerful reports, alerts, and fully customizable dashboards to make it easier to monitor security and compliance events.

To learn more about the Sourcefire 3D9800 Sensor, visit the Sourcefire Web site at www.sourcefire.com or contact Sourcefire or a member of the Sourcefire Solutions Network™ today.

Performance and Functionality	
Supported Line Speed (IPS)	up to 10Gbps
Supported Line Speed (IDS)	up to 10Gbps
Monitoring Interfaces	(12) Copper 1Gbps with bypass; (4) 10Gbps SR Fiber with bypass; (4) 10Gbps LR Fiber with bypass
Port Speed (copper)	10/100/1000Mbps
Port Speed (fiber)	10Gbps
Type of Connector - Copper	RJ45
Type of Connectors - Fiber	10GBASE-SR, 10GBASE-LR
Management Interface	RJ45
Typical Latency	<100 microsecond
Memory (RAM)	24GB
CPU(s)	(6) Freescale CPUs (12 cores)
Expandable (additional CPUs)	no
Disk Capacity	73GB RAID 1
Redundancy Features	
Dual Power Supplies	standard
Hard Drives	2
RAID Support	RAID 1
Cooling Fans	5
Physical and Environmental	
Form Factor	2U
Dimensions (D x W x H in inches)	24 x 17 x 3.5
Shipping Weight (lbs.)	55 lbs.
Amps	5 @ 110V / 2.5 @ 220V
Voltage	100-127V / 200-240V
Watts (max)	550
BTU Rating (per hour)	2048
Operating Temperature	0°C - 40°C

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