

SonicWALL SSL-R3 and SSL-R6

High Performance SSL Accelerators

Web sites delivering e-commerce services or confidential information use SSL (Secure Sockets Layer) to secure transactions over the Internet. Processing SSL transactions puts a heavy load on Web server resources, resulting in lost customers and lost sales. Adding additional HTTPS servers to handle the burden is a costly proposition and adds more servers to the network infrastructure. SonicWALL's family of SSL Accelerators takes on the job of processing SSL transactions freeing up valuable Web server resources at a fraction of the cost.

The SonicWALL SSL-R3 and SSL-R6 are 1U rack-mount, high-performance SSL accelerators that deliver a cost-effective solution for dramatically boosting the performance of secure servers by completely offloading the burden of all SSL processing. Designed for the demanding needs of enterprises, data centers, co-location and Web hosting facilities, and application service providers, the SonicWALL SSL-R3 and SSL-R6 support up to 1,200 new SSL transactions per second and 30,000 sustained SSL connections.

The SonicWALL SSL-R3 and SSL-R6 work seamlessly with Layer 7 content switches to enable load balancing of SSL traffic across all ports, enhancing site performance and content location flexibility. They are the only products on the market that support both transparent and non-transparent proxy modes, and allow a single port to be used for both ingress and egress traffic, with no performance degradation.

With simple drop-in installation, the SonicWALL SSL-R3 and SSL-R6 can be quickly deployed. Storing up to 1,530 keys and certificates directly in the SonicWALL SSL-R3 and SSL-R6 ensures complete independence from Web servers and eliminates the hassles of setting up SSL processing properties on Web servers.

The SonicWALL SSL-R3 and SSL-R6 are cost-effective, high performance solutions for boosting Web site performance to maintain rapid response time for secure content.



SonicWALL SSL-R3 & SSL-R6



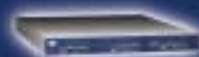
SSL-PCI



SSL-IA



SSL-R



SSL-R3



SSL-R6

- Rack-mount high-performance SSL Accelerators
- Seamless integration with content switches for maximum Web site efficiency
- Redundant power supplies for mission-critical processing

SONICWALL

SECURITY

Firewall

VPN

Anti-Virus

Content Filtering

Vulnerability Scan

Authentication

> SSL Acceleration

SECURITY



COMPREHENSIVE INTERNET SECURITY SOLUTIONS

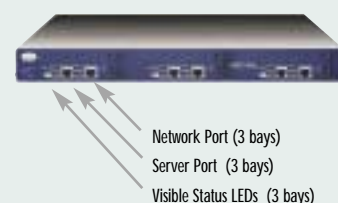
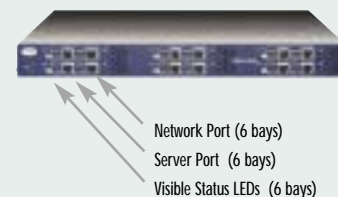
www.sonicwall.com

SonicWALL SSL-R3 and SSL-R6

High Performance SSL Accelerators

SonicWALL SSL-R3 and SSL-R6 Features and Benefits

- **Cost Effective.** SonicWALL SSL-R3 and SSL-R6 delivers industry-leading price/performance for offloading SSL transactions at a fraction of the cost of deploying HTTPS servers.
- **High Performance.** SonicWALL SSL-R3 supports up to 600 new SSL transactions per second and up to 15,000 sustained SSL connections. The SSL-R6 supports up to 1,200 new SSL transactions per second and up to 30,000 sustained connections.
- **Content Switch Friendly.** SonicWALL SSL-R3 and SSL-R6 work seamlessly with Layer 7 content switches to enable load balancing of SSL traffic to maximize Web site efficiency.
- **Certificate and Key Management.** SonicWALL SSL-R3 provides centralized management of up to 765 keys and certificates. The SonicWALL SSL-R6 provides centralized management of up to 1,530 keys and certificates.
- **Reliability.** SonicWALL SSL-R3 and SSL-R6 include redundant power supplies to ensure your mission-critical secure servers stay up and running. Multiple SonicWALL SSL-R3s and SSL-R6s can be combined to create high availability for SSL transaction processing. The SonicWALL SSL-R3 and SSL-R6 are solid-state devices with no moving parts for maximum reliability.
- **Offloads All SSL Processing.** SonicWALL SSL-R3 and SSL-R6 transparently offload all encryption, decryption and secure processes, freeing Web servers to perform their essential HTTP tasks.
- **Simple, Flexible Management.** SonicWALL SSL-R3 and SSL-R6 can be configured and managed using several management interfaces including serial-based CLI, Telnet, Web-based GUI, and remote INXCFG for clustering capabilities. For secure communications, the SSL-R3 and SSL-R6 support HTTPS and TelnetS encryption.
- **Back-End Encryption.** SonicWALL SSL-R3 and SSL-R6 support the capability of initiating SSL sessions to an SSL termination point on another device to deliver complete end-to-end security while still allowing the content switch to make routing decisions.
- **Client Certificate Support.** SonicWALL SSL-R3 and SSL-R6 enable a logical SSL server to request a client certificate during the SSL handshake and then provide control over the handling of the certificate to the secure server. The certificate information can then be forwarded back to the secure server via multiple methods.
- **Advanced Authentication Support.** With customizable back-end authentication capabilities using extensive HTTP Header definitions, the SonicWALL SSL-R3 and SSL-R6 can support leading authentication platforms.



SonicWALL SSL-R3 and SSL-R6 Product Part Numbers

01-SSC-5130 SonicWALL SSL-R3 - US/Canada
01-SSC-5132 SonicWALL SSL-R3 - International

01-SSC-5140 SonicWALL SSL-R6 - US/Canada
01-SSC-5142 SonicWALL SSL-R6 - International

SonicWALL SSL-R3 and SSL-R6 General Specifications

SSL Transactions

SSL-R3: New: 600 Transactions Per Second
Sustained: 15,000
SSL-R6 New: 1,200 Transactions Per Second
Sustained: 30,000

Standards

IEEE 802.3 10Base-T Ethernet
IEEE 802.3u 100Base-TX Fast Ethernet

Data Transfer Rates

Ethernet 10Mbps (half duplex)
20Mbps (full duplex)
Fast Ethernet 100Mbps (half duplex)
200Mbps (full duplex)

Number of Ports

SSL-R3: 6 10/100 TX Ports
SSL-R6: 12 10/100 TX Ports

Protocols

CSMA/CD Ethernet

Public Key Cryptography Algorithms

RSA—512
RSA—1024
RSA—2048

Encryption Algorithms

3DES ARC4
DES ARC2

Hash Algorithms

SHA1
MD5

Network Cabling

Cable Type: UTP Category 5 (100m)
Connector Type: RJ-45

Memory

64 MB RAM; 16 MB Flash ROM

Regulatory Compliance

FCC Class A; CISPR-22-A; VCCI-A; CE/EN 55022-A/EN 55024, UL
1950 3rd, CAN/CSA-C22.2 No. 950-M95, CE/EN60950, IEC 60950

SonicWALL SSL-R3 and SSL-R6 Physical and Environmental Specifications

Dimensions

Depth: 19.625" Height: 1U (1.75") Width: 19" (with mountings)

Weight

SSL-R3: 11 lbs. (5 kg) SSL-R6: 18 lbs. (8.6 kg)

Port Description

Network Ports: 6 or 12 - 10/100Base TX
Console Ports: DB9 Serial Ports
Reset Switch: Push to reset hardware. Configuration data maintained.

Environmental Operating Range

Temperature: 5° to 40° C (32° to 104° F)
Humidity: 10 to 85% non-condensing
Altitude: Up to 3,048 meters (10,000 ft)

Power Requirements

Operating Voltage: 100-120/200-240 VAC, 50-60Hz;
Consumption: SSL-R3 = 80, SSL-R6 = 160W
Power Supply: Internal redundant power supplies



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