

SonicWALL SSL-IA

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.

SonicWALL SSL-IA is an affordable, easy-to-install SSL accelerator appliance designed for smaller Web sites. The SonicWALL SSL-IA supports up to 200 new SSL transactions per second and up to 5,000 sustained SSL connections. Storing up to 256 keys and certificates, the SonicWALL SSL-IA ensures complete Web server independence and eliminates configuring SSL properties on the host application. The SonicWALL SSL-IA offloads all the SSL processing onto its own processor, freeing your Web servers to perform their essential HTTP tasks.

The SonicWALL SSL-IA delivers a cost-effective way to dramatically boost the performance of Web servers to maintain rapid response time for secure content.



SonicWALL SSL-IA

SECURITY

Firewall

VPN

Anti-Virus

Content Filtering

Vulnerability Scan

Authentication

> SSL Acceleration

- Affordable SSL processing solution that frees up valuable Web server resources
- Offloads all SSL processing from Web server to maintain rapid response time for secure content
- Easy-to-install appliance for smaller Web sites



SSL-PCI



SSL-IA



SSL-R



SSL-R3



SSL-R6

SECURITY

SonicWALL SSL-IA

High Performance SSL Accelerators

SonicWALL SSL-IA Features and Benefits

- **Low Cost SSL Processing Solution.** SonicWALL SSL-IA delivers powerful SSL processing in an affordable appliance. It provides superior performance over adding an HTTPS server at a fraction of the cost.
- **Offloads All SSL Processing.** SonicWALL SSL-IA transparently handles all encryption, decryption and secure processes, freeing the server to perform its essential HTTP tasks.
- **Boosts Web Site Performance.** A dedicated appliance, the SonicWALL SSL-IA is designed for processing SSL transactions to provide unparalleled performance to support 200 new SSL transactions and up to 5,000 sustained SSL transactions.
- **Stores Up to 256 Keys and Certificates.** SonicWALL SSL-IA provides centralized management of up to 256 keys and certificates to offer better security over server-based management options.
- **Easy Installation.** SonicWALL SSL-IA configuration utility includes a Quick Start Wizard that allows for a quick installation in under 30 minutes.
- **Complete Web Server Independence.** A dedicated appliance, the SonicWALL SSL-IA is designed to be completely independent of the Web server for greater compatibility.
- **Flexible Management.** SonicWALL SSL-IA 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-IA supports HTTPS and TelnetS encryption.
- **Back-End Encryption.** SonicWALL SSL-IA supports 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-IA enables 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.



SonicWALL SSL-IA Product Part Numbers

01-SSC-5110 SonicWALL SSL-IA (US/Canada)

01-SSC-5112 SonicWALL SSL-IA (International)

SonicWALL SSL-IA General Specifications

SSL Transactions

SSL-IA: New: 200 Transactions Per Second
Sustained: 5,000

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-IA: 2 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; CSA and CE
Compliant to: EN55022 Class A, EN55024,
EN50082-1, EN60950

SonicWALL SSL-IA Physical and Environmental Specifications

Dimensions

Length: 9.25" Height: 2.3" Width: 8.3"

Weight

2 lbs. (shipping weight 6 lbs.)

Port Description

Network Ports: Two 10/100Base TX—one for network, one for server
Console Ports: DB9 Serial Ports
Reset Switch: Push to reset hardware. Configuration data maintained.

Environmental Operating Range

Temperature: 5° to 40° C (41° 104° F)
Humidity: 10 to 85% non-condensing
Altitude: Up to 3,048 meters (10,000 ft)

Power Requirements

Operating Voltage: 5 VDC
Consumption: 30W
Power Supply: Uses SonicWALL external power



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