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StoneGate™ Intrusion Prevention System Appliance Datasheet

StoneGate™ IPS-6000

StoneGate™ IPS-6000 Intrusion Prevention System is a proactive defense system designed to detect malicious packets within regular network traffic and prevent intrusions by blocking the offending traffic automatically before any damage occurs.

StoneGate IPS-6000 features 2 Gbit/s throughput and is designed for accurate intrusion prevention in large internal networks at main site or before critical servers. It can be used as an inline IPS and IDS Sensor or combined Sensor-Analyser.

The StoneGate IPS-6000 sensor can protect up to four inline segments. They have a bypass interface pair for each inline segment and two standard Ethernet interfaces. Standard interfaces can be used as capture interfaces for intrusion detection and one of them is needed for StoneGate management traffic.

Combined with StoneGate Firewall, IPS-6000 with transparent access control forms a multi-dimensional defense system where several security layers communicate seamlessly together. This field-proven technology provides comprehensive protection of the whole network, raising network security to a previously unseen level.

StoneGate IPS-6000 and all other StoneGate appliances offer comprehensive network security with easy configuration and unified management. This also guarantees an optimized solution for any geographically dispersed enterprise deployment.

StoneGate™ IPS-6000 Specifications

No False Positives

Efficient network attack detection using sensor and analyser	Detects spyware, DoS attacks, port scans, worms, Microsoft/Linux/Unix vulnerabilities on client and server side
Extended protocol validation	Ethernet, IP, ICMP, UDP, TCP, DNS, FTP, HTTP, SMTP, SSH, NBT, SMB, MSRPC, SIP
Over thousand fingerprints	IMAP, LDAP, MSSQL, MYSQL, Oracle, TFTP, PPTP, POP3, X11 etc.
Efficient access control	Stateful access control for all Ethernet traffic with Transparent Access Control Module

Effective Prevention

Inline terminate, Blacklist/Whitelist, TCP Connection Termination

Flexible Deployment

Appliance supports both IPS and IDS modes and the combination of these. Inline mode sensor can protect two physical inline segments (more segments possible if VLAN tagging is used). IDS mode uses span port monitoring or Full-Duplex TAP monitoring. Installation without any network configuration changes with TAC-module. Clustering for flexible performance expansion in IDS and inline-IPS*.

Efficient Management

Remote, centralized enterprise management with StoneGate Management Center, Java-based GUI, encrypted and authenticated connections

Automatic Upgrades & Updates	Software upgrades and dynamic updates
Extensive Logging Methods	Direct file archive, advanced filters, traffic recording
Multiple Alert Methods	E-Mail, SMS (text message), SNMP trap, User-defined scripts
Efficient Administration	Multiple administration accounts, simultaneous administration, three different administrator levels

Additional Modules

Transparent Access Control (TAC)

Certification

StoneGate IPS is certified by ICSA Labs

Configuration

IPS-6000S – Sensor Appliance
IPS-6000C – Combined Sensor/Analyser Appliance

Network interfaces

Full copper version	8 x bypass interfaces 10/100/1000 copper, 2 x standard interfaces 10/100/1000 copper
Full fiber version	8 x bypass interfaces 1000Base-X fiber, 2 x standard interfaces 10/100/1000 copper
Mixed version	4 x bypass interfaces 1000Base-X fiber, 4 x bypass interfaces 10/100/1000 copper, 2 x standard interfaces 10/100/1000 copper

Performance

Throughput 2 Gbit/s, latency < 150µs. Smooth performance expansion with inline IPS serial clustering*.

Features

High Availability	Back-up analyzer* for fast alert, log and monitoring data recovery. Inbuilt bypass functionality.
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Mechanics

Dimensions (W x H x D)	3U-19" rack unit, 450 x 132 x 647 mm/17,7" x 5,2" x 25.5"
Weight	32,7 kg/72,09 lbs
Power Supply	760W hot swappable redundant PSUs, 100-240V, 50-60Hz, 14/7 Amp
Connectors	4 x USB ports, 1 x serial port
Robust Design	RAID HDD, easily replaceable fans, heavy-duty construction

Safety/EMC Certification

FCC, CE, CB

Support

Replacement service	15 months or 39 months replacement service for defective hardware
Premium Support	24/7-call logging via Web and phone, two-hour response time, software updates, hardware replacement service
Basic Support	8/5-call logging via Web and phone, next business day response time, software updates, hardware replacement service

* Available for sensor appliances