



Stonesoft

IPS Appliance

Comparison Datasheet

To keep up with today's sophisticated threats and complex network traffic, a first generation IPS will not do. Stonesoft IPS appliances are Next Generation IPSes. Stonesoft is the only vendor to uniquely integrate IPS and Firewall technologies with our patented high availability solutions and sophisticated next generation management. As a result we're delivering unmatched levels of security, availability, scalability and manageability for today's enterprises. In addition, our solutions deliver the lowest TCO on the market today – as much as a 30-70% saving compared to other products.

From the largest data centers and enterprise networks to your remote offices, we offer solutions to fit your specific needs.

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APPLIANCE SPECIFICATIONS	IPS-1035	IPS-1065	IPS-1302	IPS-3202	IPS-3206	IPS-5206
Inspected throughput (UDP 1518 byte)	1 Gbps	3 Gbps	10 Gbps	13 Gbps	30 Gbps	30 Gbps
HTTP inspection (21 kB payload)	400 Mbps	1.2 Gbps	4 Gbps	4.5 Gbps	10 Gbps	10 Gbps
L2 Firewall throughput (no inspection)	10 Gbps	20 Gbps	20 Gbps	50 Gbps	60 Gbps	120 Gbps
SSL/TLS inspection throughput (AES-256)	150 Mbps	450 Mbps	1 Gbps	1.8 Gbps	3.3 Gbps	3.3 Gbps
New inspected HTTP connections per/sec (21 kB payload)	2 000	6 500	20 000	25 000	50 000	50 000
Concurrent connections (with inspection)	150 000	1 mil	1 mil	4 mil	12 mil	12 mil
Inspected 64 byte packets per second (PPS)	150 000	400 000	1 400 000	2 mil	4 mil	4 mil
VLAN tagging	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Management count	1	1	1	1	1	1
Web filtering	option	option	option	option	option	option
Application control	yes	yes	yes	yes	yes	yes
Full inspection	yes	yes	yes	yes	yes	yes
Clustering	yes	yes	yes	yes	yes	yes
Ethernet interfaces	4 x 10/100/1000	4 x 10/100/1000	2 x 10/100/1000	2 x 10/100/1000	2 x 10/100/1000	2 x 10/100/1000
Module slots	1	1	1	3	3	6
Maximum number of fail-open interface pairs *	2	2	2	6	6	12
Form factor	1U rack	1U rack	1U rack	2U rack	2U rack	3U rack
Dimensions (W x H x D)	426 x 44 x 300 mm 16.77 x 1.73 x 11.81"	426 x 44 x 400 mm 16.77" x 1.73" x 15.7"	426 x 44 x 400 mm 16.77 x 1.73 x 15.7"	437 x 89 x 450 mm 17.2 x 3.5 x 17.7"	437 x 89 x 450 mm 17.2 x 3.5 x 17.7"	437 x 132 x 648 mm 17.2 x 5.2 x 25.5"
Redundant power supply	-	-	-	yes	yes	yes
DC power supply	option	option	option	option	option	option

* The number of interfaces varies according used modules.



Next Generation Security

- Advanced threat and evasion protection - utilizing Stonesoft's multi-layer traffic normalization and inspection technology
- Vulnerability-centric protection - vulnerability-centric approach providing protection against known, zero-day and encrypted attacks
- Threat protection - buffer overflow, code injection, cross-site scripting, directory traversal, privilege escalation, SQL injection, backdoor communication, scan / DoS
- Application and user control - port-independent application and user identification.
- Bandwidth management and Quality of Service (QoS) - prioritize critical applications and network communications over other network communications
- Flexible network deployment - transparent to surrounding network components such as switches and routers

Next Generation Availability & Scalability

- Built-in patented High Availability technologies
- IPS clustering in a serial or parallel configuration
- Built-in configurable fail-open network interfaces
- Distributed event correlation in Security Engine and in Log server
- Network status and traffic optimization tools
- Flexible deployments even in the most demanding environments
- No special network configurations required

Next Generation Management

- Single console – complete visibility and proactive control of physical and virtual networks
- Third-party event management – monitoring, logging and reporting of switches, routers and security appliances from other vendors
- One-step management – automatic blacklisting, automatic policy/rule execution, create once, deploy everywhere policy/rule execution
- Accelerated incident management – correlated view of all network activity, powerful data mining engine and sophisticated incident case management tools
- Central repository – shared rules for Firewall and IPS, repository backup for disaster recovery, customizable role-based access, domains for managing different environment with one management server
- Real-time monitoring and alerting – customizable dashboards and alerting, geographic pinpointing of IP addresses, Web portal for monitoring security from any device
- Interactive reporting and compliance – customizable reports, automated report generation and distribution, system auditing and audit trails, comparative analysis of security policies
- Rule-base optimization – enhance rule base, eliminate unused/redundant rules, create rules directly from logs

* Optional feature