TippingPoint_Intrusion_Prevention_System

Technical Specifications

Hardware	TippingPoint 10	TippingPoint110	TippingPoint 330	Tippingpoint 600E	TippingPoint 1200E	Tippingpoint 2400E	TippingPoint 5000E
Performance							
• Inspected Throughput	20 megabits per second	100 megabits per second	300 megabits per second	600 megabits per second	1.2 gigabits per second	2.0 gigabits per second	5.0 gigabits per second
• Typical Latency	< 500 microseconds	< 600 microseconds	< 600 microseconds	< 84 microseconds	< 84 microseconds	< 84 microseconds	< 84 microseconds
• Total Sessions	250,000	250,000	250,000	2,000,000	2,000,000	2,000,000	2,000,000
• Connections Per Second	3,600+	9,700+	18,500	92,000	215,000	350,000	350,000
• Invalid SYNs/Second Under SYN Flood	n/a	70,000	130,000	1,170,000	2,344,000	3,000,000	3,000,000
Scalability							
	Four 10/100/1000	Eight 10/100/1000	Eight 10/100/1000	Eight 10/100/1000	Eight 10/100/1000	Eight 10/100/1000	Eight 10/100/1000
	Ethernet Ports	Ethernet Ports	Ethernet Ports	Ethernet Ports	Ethernet Ports	Ethernet Ports	Ethernet Ports
	Copper Only	Copper Only	Copper Only	Fiber and Copper	Fiber and Copper	Fiber and Copper	Fiber and Copper
	Total Segments - 2	Total Segments - 4	Total Segments - 4	Total Segments - 4	Total Segments - 4	Total Segments - 4	Total Segments - 4
ZPHA							
	Built In	Built In	Built In	External	External	External	External
Power Dissipation							
Units	AC	AC	AC	AC	AC	AC	AC
Amps (Max. Fused Power)	1.8	3/2	6/3	8A-5A	8A-5A	8A-5A	8A-5A
Voltage	100-240	100-240	100-240	100-240	100-240	100-240	100-240
Efficiency	85%	70%	70%	67%	67%	67%	67%
Freq. Range (Hz)	50-60	50-60	50-60	50-60	50-60	50-60	50-60
Power Consump. (Watts)	38.1	121	121	362	362	362	362
Power Consump. (BTU/hr)	130	412	412	1234	1234	1234	1234
Dimensions							
Height (in)	2.02 (2U)	1.74 (1U)	1.74 (1U)	3.44 (2U)	3.44 (2U)	3.44 (2U)	3.44 (2U)
Height (cm)	5.1	4.42	4.42	8.73	8.73	8.73	8.73
Width (in)	10.63	16.75	16.75	17.25	17.25	17.25	17.25
Width (cm)	27	42.55	42.55	43.8	43.8	43.8	43.8
Depth (in)	7.38	18.25	18.25	18.5	18.5	18.5	18.5
Depth (cm)	18.7	46.35	46.35	47	47	47	47
Weight (lb)	5.5	15	15	30.5	30.5	30.5	30.5
Weight (kg)	2.5	6.8	6.8	13.8	13.8	13.8	13.8

High Availability
> Dual-Power Supplies (on models 600E and up)
> Layer 2 Fallback
> Active-Active or Active-Passive Stateful Redundancy (IPS + SMS)
> Zero Power High Availability
> SMS: Fault Tolerant Configurations Available

Security Certification
> Common Criteria EAL2+: Analyzer, Sensor, Scanner, System

Attack Filters
> Number of Attack Filters – 4,000+
> Categories
- • Worm
- • Phishing
- • Spyware
- • Virus
- • Suspicious
- • DDoS
- • Trojan
- • Reconnaissance
- • Bandwidth Hijacking
- • P2P
- • Walk-in Worm
- • Blended Threat
- • VoIP
- • Backdoor
- • Zero Day Initiative

Third Party Certifications/Awards/Designations
> Please refer to www.tippingpoint.com/products_awards.html

Actions
> Block   > Copy   > Log   > Quarantine
> Permit   > Alert   > E-Mail   > Rate Limit

Protocols/Applications (partial list)
> IP   > DNS   > VLAN   > IMAP   > TCP
> RPC   > MPLS   > SMB   > ICMP   > HTTP
> FTP   > Telnet   > SMTP   > UDP

Messaging
> E-Mail   > Script   > Pager   > Syslog   > SNMP

LED Indicators
> Status   > Network Activity   > Link State
> System Power

Management Interfaces
> 1 10/100 Ethernet   > 1 Serial Port
> 1 Front Panel LCD

Attack Filter Delivery Service
Digital Vaccine® Real-Time Inoculation

System Management (Three Options)
> Command Line Interface (CLI)
> Local Security Manager (LSM)
- • Web-based Management for one (1) IPS device
- • HTTP and HTTPS (secure management) access
- • Microsoft Internet Explorer 6.0 or later, Firefox 1.5+,Moxilla 1.7+ or Netscape 8.1+
> Security Management System (SMS)
- • Manages multiple TippingPoint systems
- • 1U Appliance
- • Operating System – TippingPoint OS
- • Client Requirements – Windows XP, 2000, NT or 9X, or Linux with X-Windows

Safety
> UL1950 (1200E, 2400E)
> UL60950 (600E, 1200E, 2400E, 5000E) Standard for Safety of Information Technology Equipment
> CSA 22.2-60950
> EN60825: Safety of Laser Products
> EN60950
> IEC60950
> ROHS Compliance

Immunity
> EN-61000-3-2: Harmonic Emissions
> EN-61000-3-3: Voltage Fluctuations and Flicker
> EN-61000-4-2: ESD Immunity
> EN-61000-4-3: Radiated Immunity
> EN-61000-4-4 EFT: Burst Transients
> EN-61000-4-5: Surge Protection
> EN-61000-4-6: Injected RF
> EN-61000-4-11: Dips and Sags

Emissions
> FCC Class A: Regulations for Radio Frequency Devices for Electromagnetic Compliance
> ICES-003, Class A
> EN 55022 Class A
> VCCI Class A
> AS/NZS-3548 Class A

Warranty
The standard warranty is for a 12-month period.

Support
Phone support and training courses are available from TippingPoint.

TippingPoint