



iPrism Web Security - New 500h Appliance

Secure Content Management for the Enterprise

Bandwidth Requirements Continue to Grow

Bandwidth usage is growing exponentially, presenting challenges to companies of all sizes. It's estimated that this year alone, the bandwidth required for some social media sites has grown by over 300%. New media and applications designed to improve productivity are introduced every day and if your organization is interested in providing access to them, you must increase your bandwidth capacity accordingly.

The good news is that just as bandwidth has increased in demand, it is decreasing in price, so that enterprises of all sizes can scale their pipelines to meet the new challenges.

iPrism 500h – Speed, Capacity, Scalability

We designed the new 500h appliance to give you the power and capacity you need to meet these new bandwidth requirements. Like all h-Series high-performance appliances, the 500h is 100% self-contained with its own hardened and optimized OS. Whether you are a large enterprise organization with thousands of employees or a mid-size company with large and growing bandwidth needs, the iPrism 500h has the technology you need to keep up with your network requirements now and into the future. With throughput of 500+ Mbps, and next generation server-level components, the 500h handles large enterprises or bandwidth-intensive environments without relying on legacy solutions to control bandwidth such as a caching proxy, which is not effective now and will continue to lose relevancy as Web dynamics promote more change.

Next-Generation Technology

The 500h boasts new, re-coded software that supports Intel's next generation of 32nm microprocessors featuring hyper-threading, which effectively doubles the available processing cores from 8 to 16. This delivers faster filtered traffic throughput to more workstations, without adding latency to the end-user experience. And we've increased the log database partition size by leveraging a 2 TB disk with a mirrored RAID 1 redundant hot-swappable drive, allowing you to retain more information to support internal policy enforcement or meet external regulatory requirements.

Speak with an EdgeWave representative today and learn if the 500h appliance is right for your organization.

Powerful Web Security Appliances

iPrism Web Security delivers comprehensive, policy-driven Web filtering by combining software flexibility and scalability with the security and control of an appliance-based solution. The h-Series high-performance appliances are designed to enhance iPrism Web Security capabilities now as well as prepare for new features and functionality in the future.



The following chart compares iPrism 50h, 100h and the powerful new 500h models:



Appliance	Model:	50h	100h	500h
Performance	Unfiltered Traffic Throughput	Up to 1 Gbps		
	Filtered Traffic Throughput	50+ Mbps	100+ Mbps	500+ Mbps
	Transactions per Second ¹	600+	1,200+	6,000+
	Access Event Records Retained ²	320 million	790 million	2,050 million
	Number of Workstations	up to 2,500	up to 10,000	up to 20,000
Hardware Specifications	Processor	1 x Intel Quad-Core @ 2.0GHz	2 x Intel Xeon Quad-Core @ 3.0GHz	2 x Intel Xeon Quad-Core @ 3.47GHz with Hyper-Threading
	Chipset & Memory	Intel 5000P with 4GB SDRAM (DDR2-667)		Intel 5520P with 6GB SDRAM (DDR3-1333)
	Disk Drives & RAID Controller	2 x 250 GB Hot-Swap SATA with RAID 1 (Mirrored)	2 x 500 GB Hot-Swap SATA with RAID 1 (Mirrored)	2 x 2 TB Hot-Swap SATA with RAID 1 (Mirrored)
	Ethernet Interface	2 x 10/100/1000 Mbps Full-Duplex NICs with Built-in Network Failover Circuit 1 x 10/100/1000 Mbps Management NIC		
Physical Specifications	Form Factor, Dimensions & Weight	1U height, rack-mountable with rails 1.75"(H) x 17.2" (W) x 25.6"(D) @ 40 lbs		2U height, rack-mountable with rails 3.5"(H) x 17.2" (W) x 25.6" (D) @ 50 lbs
	Power	Dual Hot-Swap Supplies with 100-240 VAC @ 50-60 Hz and 4.0-8.0A@115V (650W)		
	Heat Output & Operating Temperature	1850 BTU per hour (max.) and 10° to 35°C (50° to 95°F)		

1 - On average, each transaction consists of 83kb of data communicated assuming a standard distribution of web sites and applications with varying bandwidth-intensity. A transaction consists of one or more requests and burdened responses in a single connection, and is not equivalent to a persistent connection (aka. session) or request as other vendors may cite

2 - On average, each record consists of 387 bytes of data stored assuming a standard distribution of URL path lengths and other logged attributes

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