

# AMARANTEN™

- A Member Of Clavister Group



## Amaranten QoS Series

Amaranten(ASIA) Network Co., Ltd.  
<http://www.amaranten.com/>

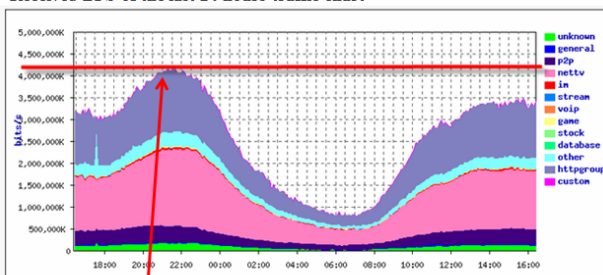
Amaranten QoS series, a unique design to monitor and manage network traffic, ranging from 10Mbps to 20 Gbps. Providing multiple types of interface and bridges to be used on all kinds of TCP/IP network environment.

## Main Features

### ➤ Best QoS Performance

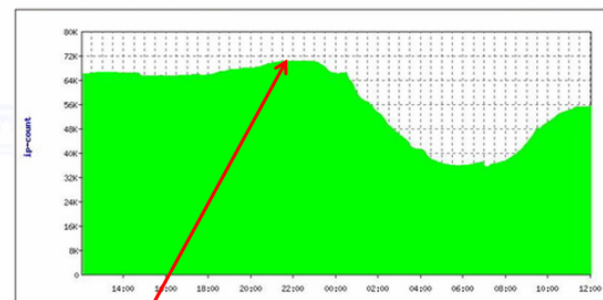
Amaranten QoS series is powered by multiple core hardware technology to provide a maximum of 20Gbps throughput for 500M connections with 100,000 concurrent on-line users.

Received BPS of the last 24 hours traffic chart



More than 4G Received BPS at rush hour in real ISP network

On-line users of the last 24 hours traffic chart



More than 65 thousand on-line users at rush hour in real ISP network

### ➤ Special Virtual technology

#### ✦ Virtual HA function

One Amaranten QoS unit can provides 2 units of virtual QoS product. In HA mode, it serves as a backup.

#### ✦ Virtual Link function

Although Amaranten QoS is in between a gateway and a switch, it can still monitor the usage of every ISP located outside the gateway. Such as: P2P usage of every ISP, network TV usage of every ISP.

#### ✦ Virtual Bridge function

Amaranten QoS supports up to 4 bridges, used in 4 In and 4 Out network environment. The QoS product can do bandwidth management on every virtual bridge, such as: P2P bandwidth 10M on bridge1 and P2P bandwidth 20M on bridge2

➤ **Proxy base on applications**

Amaranten QoS works as a proxy server based on applications (such as: a proxy server based on all P2P application). We do routing based on source IP address on the gateway device. Specified application can route through one ISP link.

➤ **Comprehensive t application signatures**

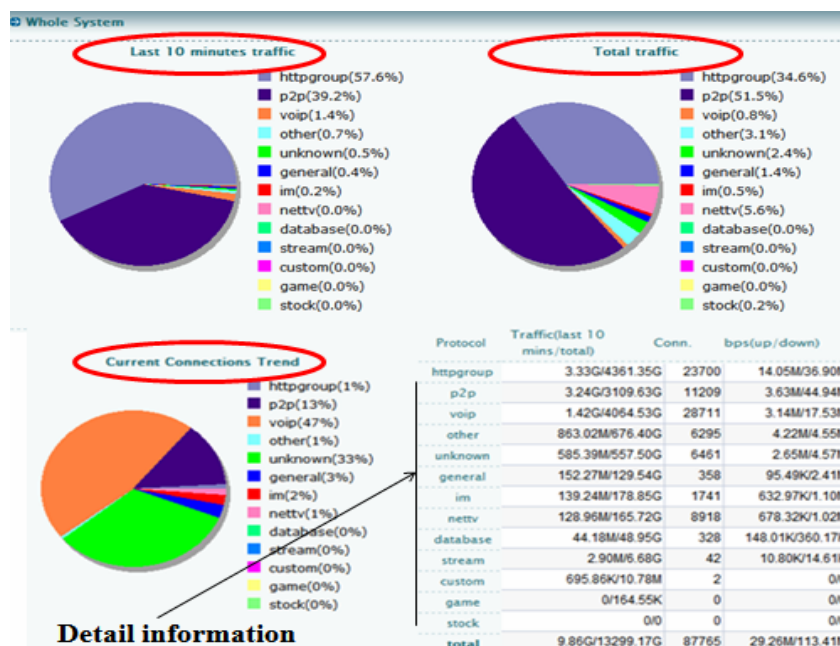
With a committed and professional R&D team to collect signatures, we provide thousands of applications signatures and detail application categories. Http application groups include: WWW, web video, Flash, Http Proxy, Http downloading, web etc. Powered by P2P DPI technology, Amaranten QoS can analysis and manage encrypted P2P applications

➤ **Powerful bandwidth management**

Amaranten QoS set bandwidth policy based on Src IP, Des IP, Protocol, Pipe, per IP, Time, Online users , etc. It too can set connections for policy based on Src IP, Des IP, application, TCP, UDP, etc

➤ **Network Flow monitor function**

Amaranten QoS provides multiple monitor functions, such as whole network traffic, history traffic graph, TOP IP, TOP applications, detail applications & connections about every IP, on-line users counted etc.



# Product Specifications

## AQ1000 Specifications

Model Performance	Throughput	Connections	Max Rules	Max Bridges	Network Interface	Dimensions(All are 19in. rack mountable)			Power	Device Management	
						Height	Width	Depth			
AQ1000/20M	20M	2,000	2,000	1	4*10/100/ 1000 Mbps Copper  6*10/100/ 1000 Mbps Copper(4 SFP Options)	Height : 1U (1.75 in/4.45 cm)	Width : 43.1 cm	Depth : 48 cm	Weight : 8.7 kg	115/230V, 50/60Hz, 6/3A, 200W	Web browser interface
AQ1000/50M	50M	45,000	30,000	1							
AQ1000/100M	100M	60,000	50,000	1							
AQ1000/200M	200M	250,000	100,000	2							
AQ1000/600M	600M	500,000	200,000	2 (option 4 bridges)							
AQ1000/1000M	1000M	1,000,000	200,000	2 (option 4 bridges)							

## AQ2000 Specifications

Model Performance	Throughput	Connections	Max Rules	Max Bridges	Network Interface	Dimensions(All are 19in. rack mountable)			Power	Device Management		
						Height	Width	Depth				
AQ2000/100M	100M	60,000	200,000	2	4*10/100 /1000 Mbps Copper+ 4*SFP	Height: 2U (3.5 in/8.89 cm)	Width : 43.1 cm	Depth : 57.5 cm	Weight : 13.1 kg	100/240V, 47/63Hz, 8/4A, 350W	Web browser interface	
AQ2000/200M	200M	250,000	200,000	2								
AQ2000/400M	400M	500,000	400,000	3								
AQ2000/600M	600M	500,000	400,000	3								
AQ2000/800M	800M	1,000,000	400,000	3								
AQ2000/1G	1G	1,000,000	500,000	3								
AQ2000/2G	2G	2,000,000	500,000	3 (option 4 bridges)	4*10/100 /1000 Mbps Copper+ 4*SFP	4U (7 in/17.8 cm)	Width : 43.1 cm	Depth : 67.5 cm	Weight : 26.1 kg	47/63Hz, 8/4A, 350W (Hot-swappable)	100/240V, 47/63Hz, 12/6A, 500W (Hot-swappable)	Web browser interface
AQ2000/4G	4G	3,000,000	650,000	4								
AQ2000/6G	6G	3,000,000	650,000	4								
AQ2000/10G	10G	4,000,000	1,000,000	4	4*10/100 /1000 Mbps Copper+ 4*SFP+ 2*10G SFP	4U (7 in/17.8 cm)	Width : 43.1 cm	Depth : 67.5 cm	Weight : 26.1 kg	100/240V, 47/63Hz, 12/6A, 500W (Hot-swappable)	Web browser interface	
AQ2000/20G	20G	5,000,000	1,000,000	4								