NGS 5H Functional specifications

Features	Description
Threat Defense (Anti-Virus / IPS / SSL Traffic Detection)	1. Provide free Clam AV anti-virus engine with database of millions. 2. The Clam AV anti-virus engine database is updated in real time without annual fees. 3. Provide IPS database. 4. The IPS feature database will be classified into high, medium and low according to the degree of danger. 5. Capable of detecting SSL traffic.
Malicious URL filtering (URL)	Can set URL filtering rules by yourself.
Firewall protection	1. Actively intercept and block hacking attacks, regardless of DOS, DDOS, UDP Flood attacks. 2. QoS, providing guaranteed bandwidth,

maximum bandwidth, and priority.

3. Provide dual architecture for IPv6 & IPv4 operation.

4. Equipped with Load Balance (internal / external).

5. Provide DNS proxy service and DDNS service.

Potential Risk Detection (Flow Analysis)	1. Provide abnormal IP analysis, detect session volume, upload / download traffic.
	2. Can notify, block and record abnormal traffic.
	3. Combined with the switch, it can perform collaborative defense on the internal network.
	4. Provide a switch topology diagram.
Applications Control	1. Provide multiple types of application

control, including P2P software control, VPN and remote control, audio and video services and VOIP, network services, data sharing and storage, website services, social networking, instant messaging, systems and updates, news Media, entertainment and art, sports and travel, food and beverages, financial insurance, gambling and pornography, gaming, and more.

2. Regular free updates within the warranty.

3. Managers can control by themselves through Policy.

| User Identification (Radius) | 1. Provide local and integrated POP3, Radius, AD. 2. Can customize user groups. 3. Provide relevant authentication records |

	and authentication connection status.
Load balance	1. Create a continuous network environment.
	2. Provide inbound and outbound load balancing.
	3. Match 3G and 4G USB for line load balancing.
	4. Provide load balancing mode of automatic allocation, manual allocation, allocation based on source IP and destination IP.
Bandwidth Management (QoS)	1. With guaranteed bandwidth and maximum bandwidth limitation functions.
	2. Can limit the amount of bandwidth used by source IP and external source IP.
	3. Provide priority selection.

VPN secure connection	1. Provide IPSec, PPTP, L2TP VPN mechanisms. 2. Provide SSL VPN secure connection. 3. Can regulate VPN connection. 4. Support and control IP Tunnel.
Mode of operation	Transparent Bridge、NAT。
Log & Report	1. Provide multiple log records, including system settings, network interface and routing, management targets, network services, advanced protection, mail management, VPN / SSLVPN and other logs. 2. Dashboard (optional). 3. Can generate all kinds of line reports on a regular basis, including statistics, rankings and charts (included in Dashboard optional module).

Virtual Server	Supports virtual server so that external network IP can be mapped to internal IP.
HA dual machine backup	It also supports the dual-standby HA service mechanism.
Electronic whiteboard	Equivalent to an electronic bulletin board, which is conducive to the use of the Internet to publicize the real-time policy of all employees.
Network detection tool	Provides Ping, Trace Route, DNS Query, Port Scan, IP Route, Wake Up, SNMP and other detection and connection tools.
other	1. Free firmware upgrade. 2. Administrator authority control. 3. 802.1Q services. 4. Provide an autonomous management interface.

5. Fanless ultra-quiet design.6.　　內建設定

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