

## NG-GE108-P

8-port Gateway + PoE Switch + AP Controller

### Highlights

- 8x 1G 802.3af/at PoE(PoE+) interfaces
- Support watchdog design, auto recovery
- Support ESD and surge, to protect the device



### Specifications

<b>Model</b>	NG-GE108-P
<b>Hardware Specifications</b>	
<b>Flash</b>	16MB
<b>SDRAM</b>	512MB
<b>Interface</b>	1x 10/100/1000Mbps WAN port 1x 10/100/1000Mbps WAN/LAN port 8x 10/100/1000Mbps PoE ports, IEEE 802.3af/at standard 1x DC port, 54V/1.4A 1x Reset Button(Press 10 seconds to revert to default data)
<b>PoE Output</b>	48V (Max 30W for each port)
<b>PoE Power</b>	76W in Total
<b>Dimensions</b>	Power / System / 1x WAN / 9x LAN / 8x PoE
<b>LED Indicator</b>	-10°C to 45°C / 10% to 90%
<b>Power Consumption</b>	<10W
<b>ESD</b>	Contact: ±6KV; Air: ±8KV
<b>Surge</b>	Common Mode: ≥±2KV / Differential Mode: ≥±1KV
<b>Working Environment</b>	Working Temperature: -20°C~+55°C Storage Temperature: -40°C~+70°C Humidity:5%~95% (No condensation)
<b>Firmware Specifications</b>	
<b>AP Management</b>	Max to access and manage 100 users Max to manage 50PCS wireless AP Centrally and remotely to manage/configure wireless AP User's status checking
<b>Smart Flow Control</b>	No-configuration intelligent flow control Powerful multi-line diversion Application Priority Automatically
<b>Load Balance</b>	Multiple WAN, multiple ISP network access Intelligence load balance Ethernet line backup Ethernet overlay Policy routing: based on IP address, destination IP address, source MAC address, network port, domain, destination port, Extranet port, Identity binding Protocol binding Online detection
<b>Routing</b>	Static Routing
<b>Behavior Management</b>	All-round to block P2P firmware P2P flow control and bandwidth allot File and URL filter Monitor network behavior at all times
<b>VPN</b>	L2TP, PPTP, OpenVPN, IPSec

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Firmware Specifications	
<b>Bandwidth Limitation</b>	<ul style="list-style-type: none"> <li>IP-based bandwidth limitation</li> <li>Safeguard / Restrict bandwidth</li> <li>Time strategy</li> <li>IP based session restriction</li> </ul>
<b>Security Center</b>	<ul style="list-style-type: none"> <li>MAC address filter</li> <li>UPR/key words filter</li> <li>Web content filter</li> <li>IP address filter</li> <li>Port mapping</li> <li>DMZ</li> </ul>
<b>Defense Center</b>	<ul style="list-style-type: none"> <li>TCP/UDP/ICMP flood defense</li> <li>Block TCP scanning</li> <li>Block ping WAN port</li> </ul>
<b>ARP Detection</b>	<ul style="list-style-type: none"> <li>Send GARP packets</li> <li>ARP Scanning on WAN/LAN port</li> <li>Online detection</li> <li>IP-MAC binding</li> </ul>
<b>Authentication</b>	<ul style="list-style-type: none"> <li>Portal auth.</li> <li>3rd Radius billing auth.</li> <li>Account auth.</li> <li>SMS auth.</li> </ul>
<b>Management</b>	<ul style="list-style-type: none"> <li>Web</li> <li>CLI</li> <li>Telnet management</li> <li>Remote management</li> </ul>
<b>Others</b>	<ul style="list-style-type: none"> <li>DDNS, VPN management</li> </ul>