

## NG-GE504-P

4-port Gateway + PoE Switch + AP Controller

## Highlights

- 4x 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-GE504-P
<b>Hardware Specifications</b>	
<b>Flash</b>	16MB
<b>SDRAM</b>	128MB
<b>Interface</b>	1x 10/100/1000Mbps WAN port 4x 10/100/1000Mbps PoE ports, IEEE 802.3af/at standard 1x DC port, 54V/1.1A 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>	60W in Total
<b>Dimensions</b>	122mm x 90mm x 27.3mm
<b>LED Indicator</b>	Power / System / 1x WAN / 4x LAN
<b>Power Consumption</b>	<8W
<b>ESD</b>	Contact: $\pm 6\text{KV}$ ; Air: $\pm 8\text{KV}$
<b>Surge</b>	Common Mode: $\geq \pm 2\text{KV}$ / Differential Mode: $\geq \pm 1\text{KV}$
<b>Working Environment</b>	Working Temperature: $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$ Storage Temperature: $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ 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>	IP-based bandwidth limitation Safeguard / Restrict bandwidth Time strategy IP based session restriction
<b>Security Center</b>	MAC address filter UPR/key words filter Web content filter IP address filter Port mapping DMZ
<b>Defense Center</b>	TCP/UDP/ICMP flood defense Block TCP scanning Block ping WAN port
<b>ARP Detection</b>	Send GARP packets ARP Scanning on WAN/LAN port Online detection IP-MAC binding
<b>Authentication</b>	Portal auth. 3rd Radius billing auth. Account auth. SMS auth.
<b>Management</b>	Web CLI Telnet management Remote management
<b>Others</b>	DDNS, VPN management