Wi-Fi 6 GEth. Router AX3000

802.11ax **|** GE LAN **|** GE WAN **|** VoIP **|** TR-069

VG-8032u

VG-8032u is equipped with a dual core processor, operates at a main frequency of 1.0GHz and provides superior processing speed and stable operation.

2.4G and 5G support the new generation Wi-Fi 6 (11ax) standard, having stronger anti-interference capability and faster transmission rate. The dual frequency concurrent wireless rate is up to 3000Mbps. Furthermore, VG-u provides one WAN + three LAN full gigabit network ports, convenient for home networking.

KEY FEATURES

- Supports Wi-Fi 6 (802.11ax) new generation Wi-Fi standard
- Supports 2.4GHz, 5GHz, dual frequency concurrently, automatically selecting 2.4G or 5G frequency band
- 2.4G supports 40MHz bandwidth, and 5G supports 160MHz bandwidth
- Supports BSS coloring which makes more use of the Wi-Fi spectrum by reducing interference to ensure more efficient service to multiple connected devices in busy Wi-Fi environments
- OFDMA and MU-MIMO support up-link and down-link, allows efficient data transmission for more devices at the same time
- Supports mesh networking; say goodbye to cumbersome wiring, realize automatic networking and whole home Wi-Fi 6 coverage
- Provides a full Gigabit WAN port and three full Gigabit LAN ports
- Supports Voice over Internet Protocol (VoIP) as a flexible and affordable solution for voice services

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SPECIFICATIONS

Main Chipset	▪ Flash Memory: 128MB ▪ SDRAM: 256MB
Interface	▪ Ethernet LAN: 3x RJ-45 Port (Yellow color, unshielded) ▪ 10/100/1000Mbps ▪ WAN: 1x RJ-45 GE WAN ▪ VoIP: 1x RJ-11 FXS ▪ USB: 1x USB2.0 ▪ WLAN: 2.4G 11ax 2T2R+5G 11ax 2T3R, 5x internal antennas ▪ Buttons: 1x Reset/WPS button ▪ MESH: 1x MESH button ▪ Power Jack: DC power jack ▪ Switch: On/Off switch
Power	▪ Adaptor Input: 100 ~ 240 VAC(±10%), 50/60Hz ▪ Adaptor Output: Single-output-DC 12V, 1.5A
ENVIRONMENT	
Physical & Environmental	▪ Operating Temperature: 0 ºC ~40 ºC (32 ºF ~104 ºF); ▪ Storage Temperature: -20 ºC ~70 ºC (-4 ºF ~158 ºF) ▪ Operating Humidity: 0 to 95% RH ▪ Storage Humidity: 0 to 95% RH
Green Product Requirement	▪ RoHS

Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.