



CL-102G Wireless Gigabit AP Router

Main Features



- Support advanced 2 x 2 MIMO Technology with up to 300Mbps Wireless speed and Gigabit Ethernet ports for downstream and upstream
- Complies with 2.4GHz IEEE802.11 b/g/n standards and IEEE802.3ab standards.
- Low Noise Amplifier(LNA) support
- Support 20MHz and 40 MHz bandwidth
- Operation mode: Bridge, Gateway, Wireless ISP
- Wireless mode: AP, Client, WDS, AP+WDS
- DHCP Server/Client
- RF output power adjustable
- Virtual DMZ, Port Forwarding
- Dynamic DNS
- TCP/UDP/ICMP/ARP protocol stack
- Firewall, URL/IP/Port/MAC filtering
- Wireless users access control
- Multiple SSID
- NTP client
- Wireless security - 64/128bit WEP, WPA TKIP, WPA2, ACL
- Support PPPoE, VPN pass-through(PPTP and L2TP)
- QoS enhancement – WMM
- Easy quick setup wizard with web-based utility
- WPS hardware button

High Power 802.11 B/G/N Wireless Gigabit AP Router



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Specifications

Standard	802.11n: up to 20 ± 1 dBm
IEEE 802.11 b/g/n	Sensitivity
IEEE 802.3	-94dBm @ 802.11b
IEEE 802.3u	-90dBm @ 802.11g
IEEE 802.3ab	-87dBm @ 802.11n
Chipset – Realtek RTL8198	Connector
Frequency Band	Two antenna connectors
2.400GHz ~ 2.484GHz	One RJ-45 Gigabit WAN port
Data Rate	Four RJ-45 Gigabit LAN ports
802.11b : 11,5.5,2 and 1 Mbps with auto-rate fall back	Reset to default button
802.11g : 54,48,36,24,18,12,9&6Mbps	WPS button
802.11n : (20MHz) : up to 144Mbps	Power jack
802.11n : (40MHz) : up to 300Mbps	Antenna
Operation Mode	Two detachable 7 dBi antennas
Gateway	Storage Humidity
Bridge	10% ~ 90% (Non-condensing)
Wireless ISP	Operation Temperature
Wireless Mode	0°C ~ 60°C
AP	Power requirement
Client	12V DC
WDS	
AP+WDS	
Security	
64/128 bit WEP	
WPA(TKIP with IEEE 802.1x)	
WPA2(AES with IEEE 802.1x)	
WPA Mixed	
Media Access Control	
CSMA/CA	
Output Power(Typical)	
802.11b: up to 26 ± 1 dBm	
802.11g: up to 21 ± 1 dBm	