

Wireless Access Point

802.11n 2.4GHz | 4 Gigabit Ethernet Port

VG-8054u

VoIP Gateway



The VG-8054u is an 802.11n 2.4GHz concurrently compliant VoIP Gateway. It employs a 10/100/1000 Base-T Gigabit Ethernet port for WAN, four 10/100/1000 Base-T Gigabit Ethernet ports for LAN, two FXS ports, two USB Host, one WiFi On-Off/WPS button, and an integrated 802.11n 2.4GHz(2T2R) for WLAN Access Point (AP), which is backward compatible with 802.11b/g; therefore VG-8054u allows both wired LAN connectivity and wireless connectivity. It is also capable of facilitating predictable, real-time, toll-quality voice over the Internet.

VG-8054u connects to ADSL or GPON (Gigabit-Capable Passive Optical Network) modem for providing VoIP services. It supports state-of-the-art security features such as WPA data encryption, Firewall & VPN pass through and is designed for both residential and business applications that require wireless and wired connectivity. VG-8054u is also designed with TR-068 compliant color panel and LED indicators for easy installation and user-friendliness. VG-8054u will be one of their important gateway supporting Triple services (Data+VoIP+IPTV) by wired or wireless protocol.

FEATURES

- UPnP
- Integrated 802.11n 2.4GHz AP (Backward compatible with 802.11g/b)
- WPA/WPA2 and 802.1x
- WMM
- RADIUS client
- IP filtering
- Static route routing functions
- Dynamic IP assignment
- Parental Control
- IGMP Proxy
- DHCP Server/Client/Relay
- DNS Relay
- Embedded SNMP agent
- Supports remote administration
- Configuration backup and restoration
- FTP/TFTP server
- Supports QoS (Quality of Service) for voice
- Supports caller ID display and restriction
- Supports call hold, call waiting, call forwarding, call transfer, 3-way conference
- Supports Direct number dialing
- Supports T.38/ TR-069/ TR-98/ TR-111

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SPECIFICATIONS

Hardware Interface

- RJ-45 X 1 for WAN (Giga Ethernet)
- RJ-45 X 4 for LAN (Giga Ethernet)
- Reset button X 1
- Power switch X 1
- 11n 2.4GHz WiFi On-Off/WPS button X 1
- Dual Band Wi-Fi external Antenna X 2
- USB Host X 2
- FXS X 2

LAN

- IEEE 802.3, IEEE 802.3u
- 10/100/1000 BaseT auto-sense
- MDI/MDI-X support

WLAN

- IEEE802.11n 2.4GHz, backward compatible with 802.11g/b
- 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
- 11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
- Up to 300Mbps at 2.4GHz data rate
- 20MHz/40MHz bandwidth
- WPA/WPA2
- IEEE 802.1X
- Tx Beamforming
- WMM

Management

- SNMP, Telnet, Web-based management, Configuration backup and restoration.
- Software upgrade via HTTP, TFTP server, or FTP server

Routing Functions

- PPPoE, IPoA, Static route, NAT/PAT, DHCP Server/Client, DHCP Relay, DNS Relay, ARP

Security Functions

- PAP, CHAP, Port triggering/Forwarding, Packet filtering, Access control, SSH

Voice Functions

- SIP: RFC 3261
- MGCP: RFC 3435
- Codec: G.711, G.723.1, G.726, G.729ab
- RTP: RFC 1889
- SDP: RFC 2327
- Caller ID: ETSI based
- Life line/ Emergency call
- Echo cancellation: G.168
- Silence suppression

Application Passthrough

- PPTP, L2TP, IPSec, VoIP, Yahoo messenger, ICQ, RealPlayer, NetMeeting, MSN, X-box, etc.

Power

- External power adapter:
Input: AC100-240V, Output: DC12V/2.0A

Environment Condition

- Operating temperature: 0 ~ 55 degrees Celsius
- Relative humidity: 5 ~ 95% (non-condensing)

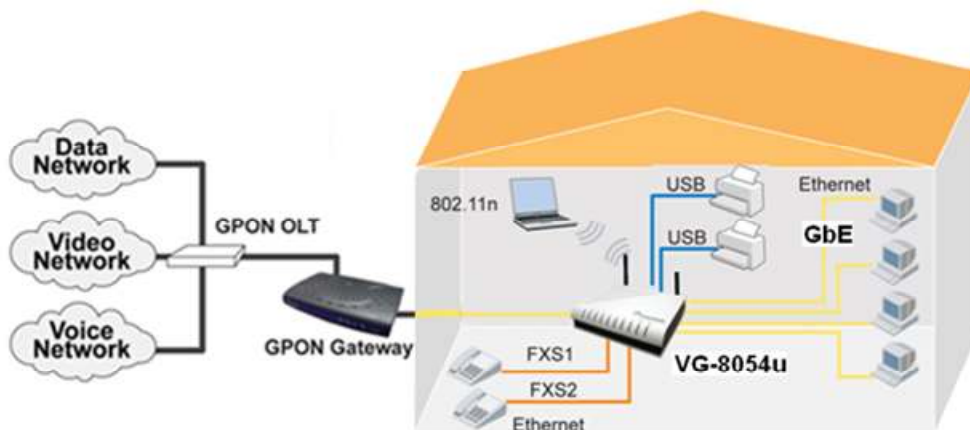
Dimensions

160mm(W) x 46mm(H) x 206mm(D)

Kit Weight (1*VG-8054u, 2*RJ45 cable, 1*RJ-11 cable,

1*power adapter)

0.83KG



COMTREND CORPORATION

Taiwan:
3F-1, No.10, Lane 609, Chung Hsin Road Section 5, San Chung,
Taipei, Taiwan 24159
Tel: 886-2-2999-8261
Fax: 886-2-2999-8497

Spain:
Edif. América II C/Prócion,7 portal 3 bajo H 28023 Madrid, Spain
Tel: 34-917990403
Fax: 34-913510999

Czech Republic:
TOKOVO Jankovcova 1518/2, 170 00, Prague 7, Czech Republic
Tel: 420-266-782040
Fax: 420-266-782990

USA & Canada:
16 Goodyear, Suite 120, Irvine, CA 92618
Tel: 1-949-7539640
Fax: 1-949-7539020

Brazil:
Al. Campinas, 977 - 7ª. Floor - Room 71 / 72 - Jardins
Zip Code: 01404-001 - São Paulo - SP - Brazil
Tel: 00 55 11 3052-2295
Fax: 00 55 11 3052-2295