

VG-8040un

VoIP Gateway Router



Description

The VG-8040un is 802.11n compliant VoIP Gateway.

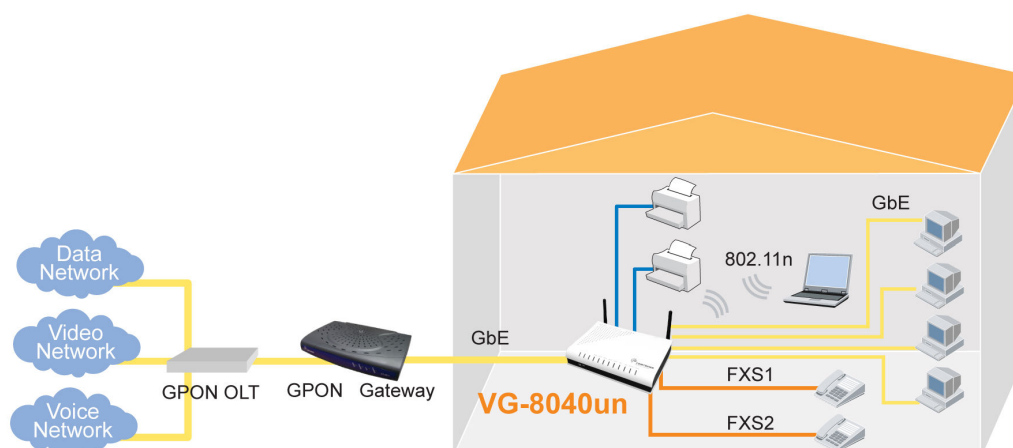
It includes one 10/100/1000 Base-T Gigabit Ethernet port as WAN, four 10/100/1000 Base-T Gigabit Ethernet ports as LAN, two FXS port, two USB Host, one WPS button (Wi-Fi Protected Setup), one Wi-Fi On/Off button, and an integrated draft 802.11n WLAN Access Point (AP) backward compatible with 802.11b/g. So, VG-8040un can provide with wired LAN connectivity and wireless connectivity separately. Also, it can provide predictable, real-time, toll-quality voice over the Internet.

The application of VG-8040un is to connect back at ADSL or GPON (Gigabit-Capable Passive Optical Network) modem and provide VoIP services. It can supports for state of the art security features such as WPA data encryption, Firewall and VPN pass through and is designed for both residential and business applications that require wireless and wired connectivity. Moreover, VG-8040un is also designed with TR-068 compliant color panel and LED indicators, which eases the installation of the modem and makes it more user-friendly.

Features

- UPnP
- Integrated 802.11n 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
- 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

Applications Diagram



VG-8040un

VoIP Gateway Router

Specifications

Hardware Interface

RJ-45 X1 for WAN (Giga Ethernet), RJ-45 X 4 for LAN (Giga Ethernet), Reset button X 1, Power switch X 1, WPS button x1, Wi-Fi On/Off button x 1, Wi-Fi Antenna X 2, USB Host X 2, and FXS X 2

LAN Interface

Standard	IEEE 802.3, IEEE 802.3u
10/100 BaseT	Auto-sense
MDI/MDX support	Yes

WLAN Interface

Standard	IEEE802.11n (Draft), backward compatible with 802.11g/b
Encryption	64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
Channels	11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
Data Rate	Up to 300Mbps
WPA/WPA2	Yes
IEEE 802.1x	Yes
Afterburner mode (Turbo mode)	Yes (this feature is optional)
WMM	Yes

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, DNS Relay, ARP

Security Functions

Authentication protocols	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	Yes
Echo cancellation	G.168
Silence suppression	Yes

Application Passthrough

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

Power Supply

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

Environment Condition

Operating temperature	0 ~ 50 degrees Celsius
Relative humidity	5 ~ 95% (non-condensing)

Dimensions

205 mm(W) x 48 mm (H) x 145 mm (D)

Kit Weight (1*VG-8040un, 1*RJ45 cable, 1* USB cable, 1*RJ11 cable, 1*power adapter, 1*CD-ROM)

1.0 KG

Note: Specifications are subject to change without notice.

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

China:

NO.88 East QianJin Road,Kunshan City,JiangSu,China
Tel: 86-512-57383156, 86-512-57383157,
86-512-57384515
Fax: 86-512-57383155

Spain:

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

UK:

566 Chiswick High Road Building 3, Chiswick Park Chiswick - London, W4 5YA UK
Tel: 44-0-8453701031
Fax: 44-0-8453701032

France:

87, Rue du Gouverneur Général Félix Eboué 92130 Issy-les-Moulineaux, France
Tel: 33-1-70715700
Fax: 33-1-70715701

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 - 7º. 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

Mexico:

Mariano Escobedo 396 Office 503 Colonia Anzures, Deleg. Miguel Hidalgo 11590 Distrito Federal México
Tel: +52 (55) 4623-1516



COMTREN CORPORATION

Global contact: sales@comtrend.com

Website: www.comtrend.com

