The NG-VG is part of Alvarion’s rich portfolio of WiMAX™ end user devices. This integrated wireless gateway features an optimal footprint with a maximal set of functionalities including Wi-Fi, voice and data connections (fax and printer) and Voice over IP (VoIP).

**Ideal for Residential and SOHO Use**
The Alvarion Networking and Voice Gateway (NG-VG) is a compact, standalone device designed to address the broadband access needs of residential and SOHO users. The NG-VG is packed full of powerful functions including wireless Internet via a broadband WAN connection, VoIP and IEEE 802.11 b/g Wi-Fi access. With a single socket powering the network gateway, the voice gateway and the outdoor CPE via Power over Ethernet (PoE), the NG-VG is especially handy for small enterprises and home offices.

**Simplified Zero Touch Installation**
The NG-VG comes with a browser-based setup and configuration utility for quick and easy installation, enabling wireless integrated home and SOHO gateway services on-the-fly.

Whether a home user or a SOHO, the NG-VG enables you to experience quality VoIP service and data connection quickly and conveniently - just connect the plugs and get started.

**NG-VG Feature Highlights**
- Single socket solution
- 1 WAN port transmitting PoE to an outdoor CPE
- Four data ports and two voice ports
- Wi-Fi antenna with IEEE 802.11b/g WLAN support
- 3 VLAN IDs per device (1 data, 1 voice, 1 management)
Hardware Specifications

VoIP
VoIP Voice Features
- Adaptive Jitter Buffer, Voice Activity Detection
- Comfort noise generation, caller ID detection/generation
- Call progress tone
- Codecs: G.711 A/u, G.729a
- G.168 echo cancellation
- T.38 fax, G.3 G3 fax/modem tone detection and auto-fallback to G.711

I/O Ports
Physical Interfaces
- 10/100 BaseT RJ-45 ports for WAN interface with proprietary PoE
c- 4 10/100 BaseT RJ-45 ports for LAN interface
- 2 RJ-11 ports for FXS
- 1 Wi-Fi antenna
- 1 power jack (3-wire, 55VDC, 12VDC, GND)
- 1 reset switch

Software Specifications

Networking
- IPv4
- UDP for IPv4
- TCP v4
- Address Resolution Protocol (ARP)
- VLAN tagging per service
- UPnP (Universal Plug & Play)
- DHCPv4 runtime client
- DHCPv4 server
- DHCPv4 Applications
- DHCPv4 runtime client
- DHCPv4 server
- PPP Support
- PPPoE (RFC 2516)

VoIP Protocol, Stack and Call Features
- SIP support
- SIP V2 (RFC3261), SDP (RFC2327) standards
- RTP/RTCP (RFC1889) support
- Call hold, call waiting, call forwarding, caller ID
- Call transfer, call conference support

Management
- Local configuration
- Web
- Local web software upgrade
- SNMP
- SNMP v1/v2c agent
- SNMP MIBs: MIB-II

Software Specifications

LED Indicators
- LAN status
- WAN status
- FXS status
- Wi-Fi link status
- Power on/off

WiFi Standard
- Standard Compliance 802.11b 14dBm
- 802.11g 15dBm

WiFi Radio
- Antenna System (WiFi)
- External 3 dBi omni antenna

Environmental
- Operating Temperature 0°C to 45°C
- Operating Humidity 5% – 95% non-condensing
- Storage Temperature -40°C to 65°C
- Storage Humidity 10% – 90%

Power Consumption
- Power consumption (Max) 12W

Certification
- EMTC Class B
- FCC Class B
- EN60950
- CE Chip
- Recycling
- WEEE-compliant
- RoHS-compliant

Physical
- Dimension (HxWxD) 231x36x136 mm

About Alvarion
Alvarion (NASDAQ:ALVR) is a global 4G communications leader with the industry's most extensive customer base, including hundreds of commercial 4G deployments. Alvarion's industry leading network solutions for broadband wireless technologies WiMAX, TD-LTE and WiFi, enable broadband applications for service providers and enterprises covering a variety of industries such as mobile broadband, residential and business broadband, utilities, municipalities and public safety agencies. Through an open network strategy, superior IP and OFDMA know-how, and ability to deploy large scale end-to-end turnkey networks, Alvarion is delivering the true 4G broadband experience today (www.alvarion.com)