



VG-1440R

4-Port RJ-11 VoIP Gateway Router (4FXO)+1 WAN Port,
SIP & H.323 Configurable(VG-1440RD:is with caller ID for FXO)

To meet the next generation Internet telephony service demands, PheeNet VG-1440R delivers next-generation platform for voice services and applications, VG-1440R is reliable, efficient and TOC-saving; widely interoperable; and scalable and manageable solution for your VoIP network. VG-1440R is an entirely new kind of voice delivering superlative functionality and stellar audio quality.

PheeNet VoIP Gateway Router series are designed for comfort, ease-of-use with a sophisticated, and satisfaction from customers, VG-1440R not only inherits traditions of quality voice communications and real-time fax data over IP networks, but VG-1440R also eliminates the human resource VoIP network deployment. With optimized SIP architecture, PheeNet VG-1440R is the ideal choices for P2P voice chat, ITSP cost-saving solution, but also provide network-converting feature to translate the packet network into traditional PBX system.

With built-in PPPoE/DHCP/DDNS clients, up to 4 concurrent connections on modular in VG-1440R, voice communications can be established from anywhere around the world. PHEENET VG-1440R comes with intuitive user-friendly, yet powerful management interface (web), that can dramatically reduce IT personnel resource, and complete VoIP deployment in a short time, plus remote management capability, VoIP administrators can monitor machine/network status, or proceed maintenance/trouble-shooting service via Internet browser.

APPLICATION



Features

1. Both support H.323 and SIP protocols: H.323 Gatekeeper Registration, SIP Registration, and Digest Authentication
2. Flash Time Programmable: Gateway support Flash detection and generation to switch VoIP Call
3. Smart VoIP Call Dialing Book
4. Polarity Reversal Detection: Type I and II
5. Pass NAT: allow Gateway to operate behind any NAT/Firewall device. There is no need to change any configuration of NAT/Firewall like setting virtual server
6. Smart QoS Guarantee: This bandwidth management feature provides good voice quality when user place VoIP call and access internet at the same time. The Gateway will start reserve bandwidth for voice traffic automatically when VoIP call proceeds
7. Voice Channels Status Display: this function display each port status like as on hook, off hook, calling number, caller's number, talk duration, codec
8. H.323 MAC authentication: Providing H.323 MAC authentication to register H.323 Gatekeeper which need MAC Address for authentication
9. Domain name call & DDNS supports
10. User friendly management

Specification

Industrial Standard	
Standard	IEEE802.3 10BaseT Ethernet
	IEEE802.3u 100BaseTX Fast Ethernet
	H323 v2/v3/v4 and SIP (RFC2543/3261), SDP (RFC2327), Symmetric RTP, STUN (RFC3489), ENUM (RFC2916)
Interface	LAN:4×10/100Base-TX Ethernet port
	Voice: 4×RJ-11 (2-pin modular jacks) for FXO
	WAN:1×10/100Base-TX Ethernet port
H.323/SIP Specification	
Voice Codec Support	G.711A/μ-law
	G.723.1
	G.729A/B
Fax Support	T.30 real-time Fax complaint
	T.38 Fax relay
	Automatically FAX detection
Simultaneous Connection	Up to 4 channels voice/fax
Voice Processing	Silence Suppression: VAD, CNG
	Echo Cancellation: G.165/G.168
Input Level Adjustment	-9 dB to +9dB
Output Adjustment	-9 dB to +9dB
Protocol	LAN: NAT, Virtual Server, DHCP Server
	WAN: PPPoE Client, DHCP Client, Fix IP Address, DDNS

	Client
Management	Web-based configuration
	FTP Firmware Upgrade
	Backup and Restore Configuration file
Smart QoS	Guarantee the voice bandwidth
Hardware	
Environment	Operating Temperature: 0 to 45° C
	Storage Temperature: -10 to 60° C
	Humidity: up to 90% non-condensing
Power Supply	AC 100V-240V, DC12V/1.5A, 50~60Hz
Line Impedance	600Ω/900Ω Complex line impedance
Insertion Loss	2 dB
Return Loss	18dB
Ring Voltage	40Vms
Ring Tone	16.67Hz, 20Hz(default), 25Hz or 50Hz
LED Indicators	Power, LAN Link/ACT, Voice Ringing/ACT
Dimensions	260 (L) X 130(W) x 35(H) mm
Certificate	FCC, CE

PheeNet Technology Corp.

Rm. 3, 20F, NO. 79, Hsin Tai Wu Rd., Sec. 1,
Hsi-Chih, Taipei, Taiwan
<http://www.pheenet.com>
TEL: 886-2-26982011 FAX: 886-2-26981421

