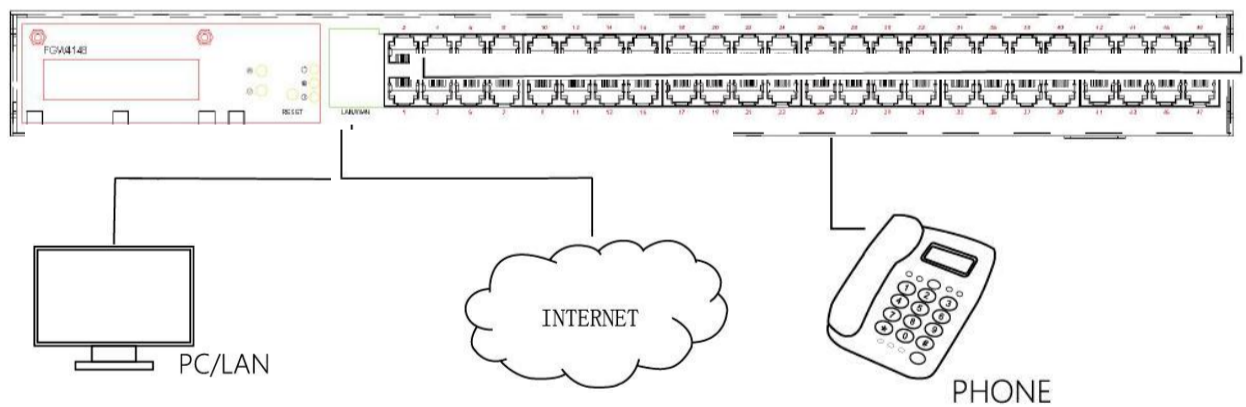# 16 /32/48 FXS VoIP Adapter FGW4148

Feature Keys

- 10/100/1000Mbps Ethernet

- 16/32/48 FXS Port

- Auto-provisioning- TFTP/HTTP/HTTPS

- Supports T.38 and T.30 Real-time Fax (G.711)

Hardware Interface

Overview

FGW4148 which has 16/32/48 FXS ports , one LAN port and one WAN port, is one of the most popular VoIP adapter researched and produced by Flyingvoice. This product can not only provide 16/32/48 SIP lines for users to make calls, but also it is a wire-speed NAT router, make you enjoy easy network atmosphere. What's more, FGW4148-16S support T.38 real time FAX and T.30 FAX with G.711.

FGW4148 is a stand-alone device, which requires no PC to make Internet calls. This adapter guarantees clear and reliable voice quality on Internet, which is fully compatible with SIP industry standard and able to interoperate with many other SIP devices and software on the market. The FGW4148 is VoIP adapter

products in Flyingvoice, which enables customers to register to different register to different sip proxy server, IP PBX and establish up to many concurrent VoIP calls for more flexibility in the voice communication.the excellent voice quality, packed feature functionality and best-in-class price-performance point enable consumers to maximize the power of IP voice and data connectivity.

Technical Parameters

Power	• AC/DC adapter
	AC Input: 100~240V, 50~60Hz
Operating System	• Linux 2.6.36
I/O Interfaces	• 1 RJ-45 for WAN port (Ethernet 1000 Base-T)
	• 1 RJ-45 for LAN port (Ethernet 1000 Base-T)
	• 16/32/48 RJ-11 for FXS ports
Environmental	• Operation Temperature: 0~50 Degree C
	• Storage Temperature: -25~ 85 Degree C
	• Relative Humidity: 10%~90% No Condensing
Audio Codec	• G.711(A/u),PESQ>4.3
	• G.729AB,PESQ>3.7
	• Adaptive Jitter Buffer Management
	• Voice Activity Detection
	• Comfort Noise Generation
	• Echo Cancellation
	• T.30 FAX with G.711
	• Real time FAX over IP via T.38
Management	• Firmware Upgradeable
	• Web Management Interface
	• IVR-driven Management Interface
	• Local and Remote Syslog (RFC3164)
	• Auto Provisioning
	• SNTP Time Synchronization
	• Multi User Level
	• SNMPv2
	• TR069
	• Support Flying FCMS Cloud Management
Protocols	• SIP V2 (RFC 3261,3262,3263,3264)
	• Backward Compatible with RFC2543
	• Session Timer (RFC4028)
	• SDP (RFC2327)
	• RTP/RTCP (RFC1889 and RFC1890)
	• NAPTR for SIP URI Lookup (RFC2915)
	• STUN (RFC 3489)
	• ARP/RARP (RFC 826/903)
	• SNTP (RFC 2030)
	• DHCP/PPPoE
	• PPTP/L2TP VPN/ OpenVPN
	• HTTP Server for Web Management
	• TFTP/HTTP/HTTPS for Auto Provisioning
	• DNS/DNS SRV (RFC1706 and RFC 2782)

Applications	• NAT/NAPT Router function
	• MAC Address Cloning
	• DHCP Server
	• PPTP/L2TP VPN
	• PPPoE
	• SIP proxy redundancy
	Dynamic via DNS SRV, A records
	• NAT Traversal by STUN
	• DMZ
	• QoS with Layer 3
	• DHCP Client and DHCP Server
	• IP conflict detectionv
Call Features	• 3-Way Conference
	• Music on hold
	• DTMF mode: In-band, RFC2833 and SIP INFO
	• Call Hold
	• Call Forwarding
	• Call Mute
	• Call Transfer
	• Call Waiting
	• Speed Dial
	• Caller ID and CWCID
	• Hotline
	• Dial Plan
	• Black List
	• Call Log

Place Order

Product Number	Description
FGW4148-16	1 WAN(GE)+1 LAN(GE)+16 FXS
FGW4148-32	1 WAN(GE)+1 LAN(GE)+32 FXS
FGW4148-48	1 WAN(GE)+1 LAN(GE)+48 FXS