

## 16 /32/48 FXS VoIP Adapter FGW4148



FGW4148 which has 16/32/48 FXS ports, one LAN port and one WAN port, not only can provide users with multiple SIP calls and support high-performance NAT routing, more importantly, the device supports T.38 real-time fax and T.30 fax, which provides a more convenient way to let your analog phone connect to the VoIP system. VoIP system, works with other SIP devices and software, allows users to register to different SIP proxy servers and PBXs, and supports advanced features such as three-way conferencing, call waiting and call forwarding. Provides more flexible voice communication and brings great convenience to realize VoIP network.

### Feature Keys



#### 16/32/48 FXS Ports

It comes with 16/32/48 FXS ports that allow you to connect analog phones, fax machines, POS machines to the VoIP system, providing flexibility for office workers.



#### Fax support

It supports T.38 over SRTP, T.30 and G.711 fax standards, as well as Email to Fax and Fax to Email, which you can maximize the performance of the fax.



#### Good Voice Quality

The G508 supports smart Quality of Service (QoS) to ensure stable VoIP calls, and it supports 3-way conference that allows you to talk with two people at the same time, improving call experience.



#### Easy Management

The Flyingvoice G508 not only supports Auto-Provisioning and Auto-upgrade via FACS and TR069, but can be managed remotely by internal web servers, SNMP, and HTTP/TFTP/FTP, bringing great convenience.



#### High Security and Compatibility

Based on SIP V2, it is compatible with most service providers. Moreover, your conversations are well protected by configuration files with AES, SRTP and TLS call encryption, etc.

- 16/32/48 FXS Port
- 2 x 10/100/1000 Mbps Ethernet port
- Auto-provisioning- TFTP/HTTP/HTTPS
- Support T.38, T.30 fax protocol
- Support NAT
- Support VPN (PPTP, L2TP)

### Place Order

- > FGW4148-16S
- > FGW4148-32S
- > FGW4148-48S

### Interface

- > 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
- > 1x Power Port

### Operating System

- > Linux 2.6.36

### 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

### Audio Codec

- > 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

### 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 detection

### 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

### Power

- > AC/DC Adapter
- AC Input: 100~240V, 50~60Hz

### Others

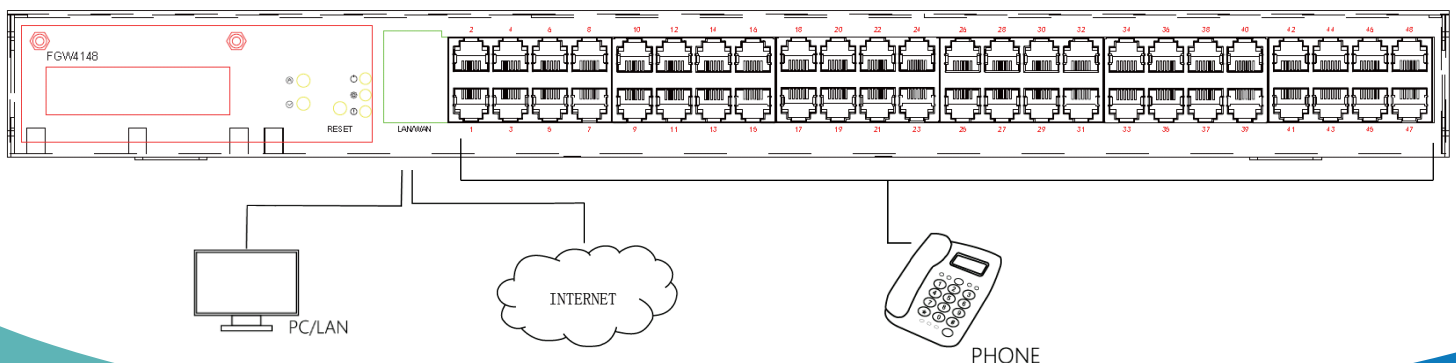
- > Color: Black
- > Dimension (LxWxH) :  
- 440mm(L)x280mm(W)x44.5mm(H)
- > Weight: 3.2 kg
- > Storage temperature: -25~ 85°C
- > Operation temperature: 0~50°C
- > Relative humidity: 10%~90% (No Condensing)

### 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)

### Package Contents

- > 1xFGW4148-16S/32S/48S
- > 1xQuick installation guide
- > 1xRJ45 cable
- > 1xRJ11 cable
- > 1xPower Adapter- Quick start guide
- > Power adapter (Optional)
- > Qty/CTN: 4 PCS
- > N.W/CTN:  
- FGW4148-16S/32S/48S: 16.80/17.4/18.88 kg
- > G.W/CTN:  
- FGW4148-16S/32S/48S: 18.08/18.68/20.16 kg
- > Gift box size: 560mm x 350mm x 110mm
- > Carton size: 580mm x 460mm x 370mm



## About Flyingvoice

Flyingvoice is a leading manufacturer of VoIP phones, VoIP adapters and VoIP routers, which are widely used throughout the world and highly praised by international carriers, ITSP, ISP and company users.

Driven by ongoing innovation of VoWLAN, Flyingvoice is committed to making easier VoIP products by enabling the enterprise network and united communication. Our people are continuously improving our products and expanding product applications tailored to clients' requirements, which make you collaborate securely, effectively and efficiently – anytime & anywhere.

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## Technical Support

Visit [www.flyingvoice.com](http://www.flyingvoice.com) for product documents and FAQ, or contact Flyingvoice by email at [support@flyingvoice.com](mailto:support@flyingvoice.com). We'll get you the help you need.



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