



FXS-48 Media Gateway

SIP based Analog Voice Gateway that provides Voice/ Fax Communication over the IP Network



This SIP-based analog voice gateway provides voice/fax communication over the IP network (VoIP/FoIP). It links traditional telephony networks to IP networks with conventional telephony devices such as analog phones or fax machines. The highly flexible call routing settings allow the administrator to configure different routes for calls based on the dialed number. Both proxy-based calls and peer-to-peer calls are supported simultaneously. It supports a phonebook to place peer-to-peer calls without going through a VoIP server. This gateway can reduce or eliminate long distance or inter-office phone charges by routing calls over the Internet or any IP network. Corporations can also enjoy the benefits of network consolidation and improved controllability of the telephone system.

FEATURES:

- SIP call control protocols
- 48 FXS port (RJ45 connector)
- 2 LAN/WAN 10/100//1000 Base-T Ethernet (RJ45 connector)
- 1 Console RS232 (RJ45 connector)
- Web-based GUI
- Centralized network management
- Remote logging through a syslog server
- IP configuration through IVR
- N-way conferencing
- Caller ID display & generation
- Local self-survival mode
- Call forward
- Echo cancellation
- Silence suppression
- 12 months Warranty



TECHNICAL SPECIFICATIONS

Telephony Signalling:

DTMF tone detection/generation
DTMF relay: in-band, RFC 2833 and SIP Info
Call forward: unconditional, no answer & busy
N-way conferencing
inbuilt-dial planner for simple call routing
Caller ID presentation

SIP Standards:

RFC 3261, RFC 3265, RFC 3515, RFC 3264, RFC 2782 & RFC 3428.

Voice Quality:

Echo cancellation
Silence suppression (voice activity detection, comfortable noise generation)
Adaptive jitter buffer

Number of Ports:

48 FXS (RJ-45 connector)
2 LAN/WAN 10/100/1000 Base-T ethernet (RJ-45 connector)
1 console (RJ-45 connector)

Network Protocols:

IPv4, IPv6, TCP, UDP, PPPoE, DHCP
DNS, NAT, Telnet, HTTP, FTP, TFTP

Network Features:

IEEE 802.1q VLAN

Firmware Update:

Local file, FTP, TFTP and HTTP

Administration Features:

SNMP

Backup & Restore:

Through ethernet interface 1 × RS232
Built-In Command line interface

Configuration & Management

Web-based GUI
Console, telnet command line
Centralized network management
IP configuration setting through IVR

Telephony Features:

Hot-line call
Dial plan
Speed dial
Phone book

Access:

Telnet/SSH/HTTP

Voice CODECs:

G.729, G.723.1, G.711 a/u law, G.726

Call Control Protocols:

SIP

Fax:

T.38 fax

LEDs:

1 power, 2 LAN/WAN

Power Supply:

Input 48V DC/1.2A

Dimensions:

440(W) x 245(D) x 44(H) mm

Weight:

2.1kg

Operating Environment:

Operating temperature: 0 - 50°C
Operating humidity: 10 - 90%