

VI-5300 series

Voice over IP Gateway

Description

VI-5302/5304 provides Voice over IP and FAX over IP services for ITSP / ISP Internet Telephony Services Provider and Office / SOHO IP-PBX application.

VI-5302/5304 is a one FXS + one FXO / two FXS + two FXO ports gateway. Two 100Base-T ports connect the VI-5102/04 to IP-network. Different telephone interfaces and support of an innovative intelligent call routing function, which allows routing of calls from any interface to any another, make this device very flexible and increase its applications.

VI-5302/5304 supported H.323 v2/v3/v4 and SIP protocol. It also provides various voice codec i.e. G.711A/u-Law, G.723.1, G.729 and G.729A with Dynamic Jitter Buffer and Bad frame interpolation.

VI-5302/4 provides management features for system Configuration, Debug and Maintenance via RS-232C COM port and TELNET. It also supports a GUI Web-based

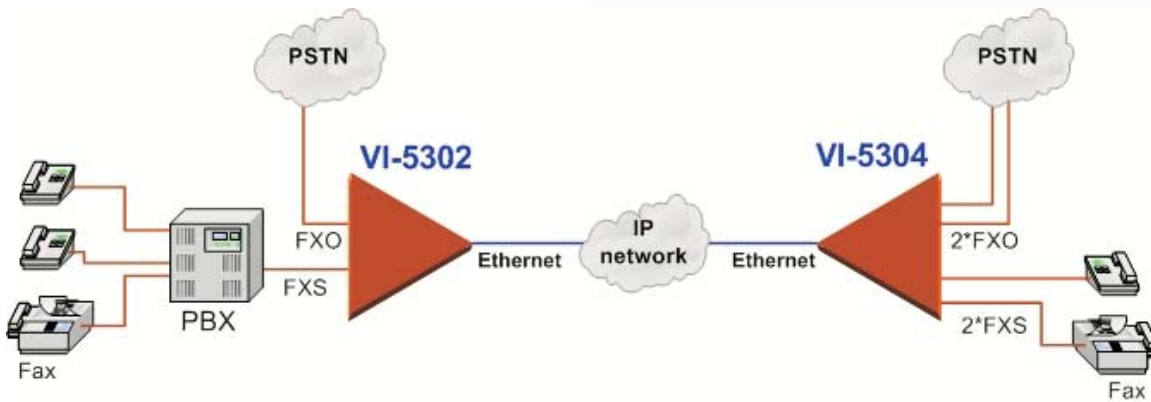


Benefits

- ✓ Easy access to IP from phone set or PBX
- ✓ Cost Saving - Telephone call from VPN or public Internet
- ✓ Follows the existing telephone call dial plan
- ✓ Easy interface with ADSL/Cable Modem and Leased line equipment

Applications

- ✓ ISP/ITSP (Internet Telephony Service Provider)
- ✓ Multi-nation enterprise communication
- ✓ SOHO Telephony
- ✓ IP-PBX with office telephony services
- ✓ Telephone /PBX call via IP network
- ✓ FAX over IP (FoIP) device



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Product Specification

Interfaces

- Two 10/100Base-T Ethernet RJ-45 ports
- One DB-9 RS-232 COM port
- 1/2 Analog PSTN (FXO) RJ-11 port and 1/2 Telephone (FXS) RJ-11 port
- DC 12V input (Provide external AC100-240Vac input adaptor)

Features

- ITU-T H.323 v2/v3/v4 compliance
- Support SIP protocol
- Automatically Dial Path Selection (IP or PSTN)
- PSTN Line switch to telephone set when power is failure.
- PPPoE
- Behind NAT router or IP sharing device
- DNS server inquiry
- Automatically Gatekeeper Discovery
- Provide Peer-to-Peer Mode (Non Gatekeeper needed) selection
- E.164 Dial Plan
- DTMF detection/generation
- TFTP/FTP software upgrade
- Remote configuration/reset
- LED indication for system status
- MS-NetMeeting v3.0 compatible
- Support Fix IP and DHCP
- Parameters of VoIP packet

FXS support

- Provide T.38/FAX function

Audio Features

- Codec -- G.711 A/u-Law, G.723.1, G.729A, G.729
- G.168/165-compliant adaptive echo cancellation
- Dynamic Jitter Buffer
- Completed voice band signaling support
- Provide Inband or Outband DTMF generation/detection
- Provide call progress tone

FXS Features

- Line polarity reversal generation
- 2-wire loop start
- Caller ID (DTMF/FSK) generation

FXO Features

- Support auto-attendant (Tone or voice greeting)
- PSTN polarity reversal detection
- Provide 2nd dial tone to PSTN
- Disconnect tone detection

Management Features

- TELNET/Console port and Web Browser configuration

Chassis

For VI-5302

- Dimension: 223mm(W) x 35mm(H) x 152mm(D)
- Weight (unit): 1.5 kg

For VI-5304

- Dimension: 223mm(W) x 35mm(H) x 152mm(D)
- Weight (unit): 1.5 kg

