

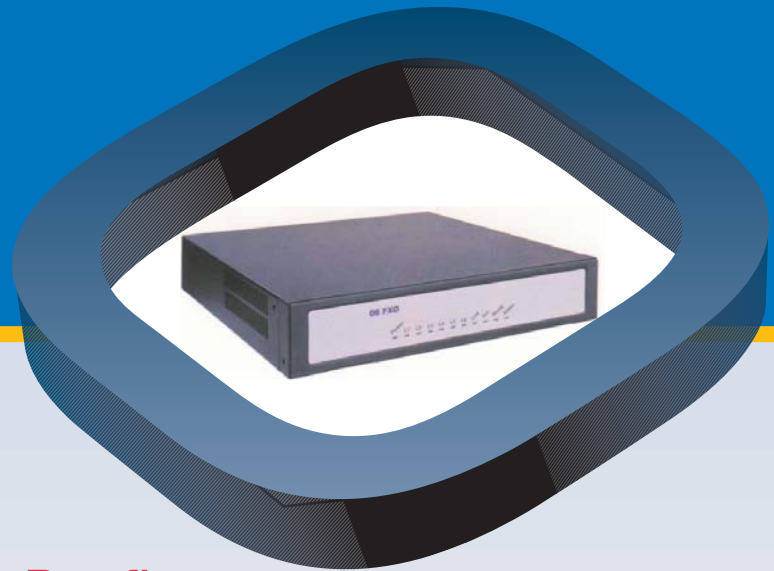
# VI-5200 series

## Voice over IP FXO Gateway

### Description

The VI-5202/4/6 gateway provides voice and fax services over IP network with H.323 v3 or SIP RFC3261 protocol. By connecting with your existing LAN/WAN/Internet services, it allows the use of a single network for data, voice and fax transmission with consequent saving in network infrastructure and reducing of telephone charges. It is ideal solution for providing the low cost communications between headquarters and branch offices in the world, as well as for SOHO and office telephony applications. The VI-5200 series provides up to six FXO ports connecting to local PSTN or PBX extensions and one 10Base-T interface for IP-network connection. The gateway converts the voice and fax traffic to/from IP-packet's stream. The high voice compression allows a quality transmission through Public Internet, and Type Of Service (TOS) feature provides voice priority in IP-network.

VI-5202/4/6 provides management features for system Configuration, Debug and Maintenance via RS-232C COM port and TELNET.

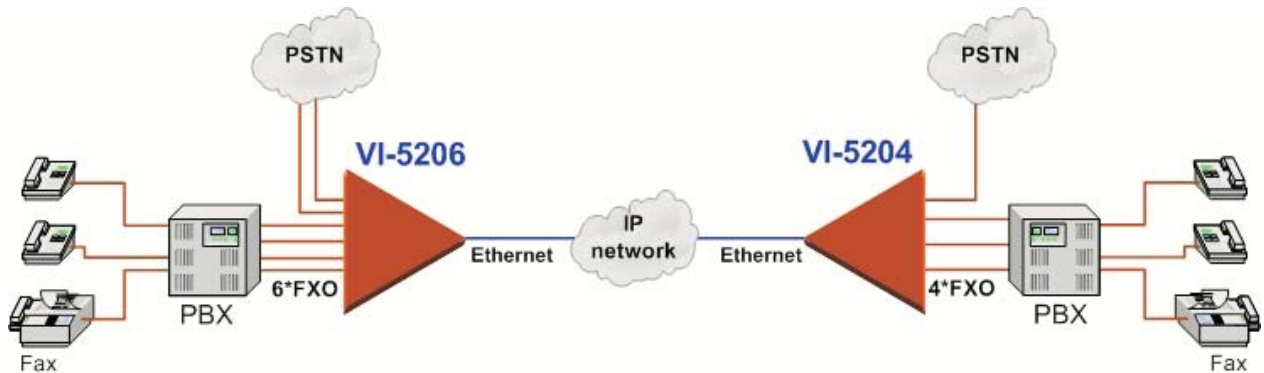


### Benefits

- ✓ Easy access to PSTN from IP
- ✓ Cost saving - save long and international call expense by using IP network.
- ✓ No extra investment - just take advantage of existing Ethernet LAN and IP environment.
- ✓ Easy interface with Cable Modem, ADSL Modem and Leased Line equipment
- ✓ Space saving - compact size: 221mm(W) \* 42mm(H) \* 217mm(L)

### Applications

- ✓ IP-PBX access to local PSTN call
- ✓ Dialing PSTN call from carrier-based IP network
- ✓ PSTN to PSTN call via IP network
- ✓ Saving cost for international or long distance call
- ✓ ITSP (Internet Telephony Service Provider)
- ✓ Office telephony services



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## Voice over IP FXO Gateway

### Product Specification

#### Interfaces:

- A 10BaseT Ethernet RJ45 port
- Asynchronous Console RS-232C DB-9 connector
- 2/4/6 analog PSTN (FXO) RJ-11 port

#### Power:

- AC power input outlet
- AC power switch

#### General Features:

- ITU-T H.323 v3 / SIP RFC3261 compliance
- Behind NAT router or IP sharing device
- Automatically Gatekeeper Discovery
- Provide peer-to-peer mode (Non Gatekeeper needed) selection
- Support auto-attendant (Tone or voice greeting)
- Line hunting
- PSTN Polarity Reversal Detection
- 4 RJ-11 FXO ports
- Provide 2nd dial tone to PSTN
- E.164 Common Dial Plan
- DTMF Dialing
- DTMF detection / generation
- TFTP/FTP software upgrade
- Remote configuration / reset
- LED indication for system status
- LAN interface : One RJ-45 connector for 10Base-T
- MS-NetMeeting v3.0 compatible
- Support Fix IP and DHCP
- Provide QOS function with TOS (Type of Services) setting
- Provide T.38/FAX and voice Auto-Switching

#### Audio Features:

- Codec -- G.711 A/u-Law, G.723.1, G.729A, G.729
- VAD (Voice Activity Detection), CNG (Comfort Noise Generate)
- G.168/165-compliant adaptive echo cancellation
- Dynamic Jitter Buffer
- Bad Frame Interpolation
- Up to six FXO analog port
- Completed voice band signaling support
- Receive Caller ID (DTMF or FSK) from PSTN
- Provide Inbound or Outbound DTMF generation/detection between LAN and PSTN interface
- Call Transfer (H.450.2)
- Call Hold (H.450.4)
- Gain/Attenuation Settings
- Provide Progress Tone: Dial tone, busy tone, call-holding tone and ring-back tone

#### LED indicators:

- L1 to L6: LED indicator for PSTN port 1-6 status
- POWER : Power ON indication
- LINK / ACT : 10 Base-T status
- STATUS : VI-5202/4/6 register to Gatekeeper status
- READY : VI-5202/4/6 works status

#### Management Features:

- Console port : RS-232C port
- TELNET

#### Certification:

- CE, FCC Part 15, TBR21, FCC Part 68, ETL (the same as UL)

#### Chassis:

- Dimensions : 221mm(W)\*42mm(H)\*217mm(L)
- Weight(unit): 1.4 kg

