

VI-5001

IP-telephone Set

Description

VI-5001 is a both – regular analog and IP-based telephone set. Simultaneously connected to LAN/Internet and PBX/PSTN it allows to user to select the call direction – IP-network or PSTN. Built-in 2-port 10/100Base-T switching hub allow connection to office LAN and PC on user's table. VI-5001 provides programmable keys and feature buttons, an internal high-quality speakerphone with microphone mute, HOLD function, FORWARD and TRANSFER feature buttons. The VI-5001 also provides a dot matrix of two lines 24 characters LCD display each. The display provides features such as date and time, calling party name, calling party number, and digits dialed. An LED associated with each feature and line buttons provides feature and line status.

TELNET and LCD front panel provide local and remote configuration, Management and software download. By using this feature, ITSP/ISP provides centralized control, management and software upgraded remotely.

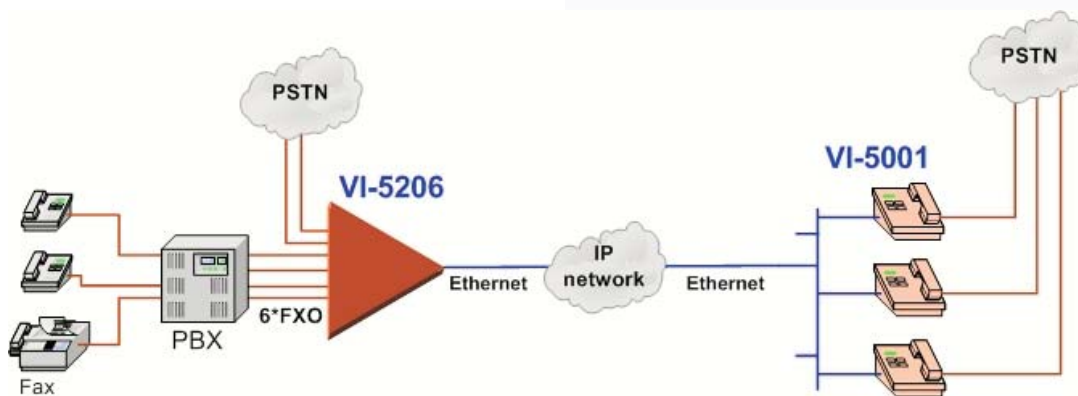


Benefits

- ✓ Easy access to Internet phone call
- ✓ Cost Saving - Telephone call from VPN or public Internet
- ✓ Easy interface to ADSL/Cable Modem or Leased line equipment
- ✓ Built-In two 10/100BaseT Switch/Hub
- ✓ Built-In analog line telephone function
- ✓ Provided IP call or PSTN call selection
- ✓ (Or) to be a Plain old Telephone set when external power is failure

Applications

- ✓ ISP/ITSP (Internet Telephony Service Provider)
- ✓ Multi-nation enterprise communication
- ✓ SOHO Telephony
- ✓ IP-PBX with office telephony services
- ✓ Phone to PC, Phone to Phone



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Product Specification

Interfaces

- Two 10/100BaseT Ethernet port with Switch/Hub inside
- One RJ-11 PSTN analog line interface
- Input Voltage 9Vdc (External AC input, DC output adaptor)

Features

- Support ITU-T H.323 V2/V3/V4 protocol
- PPPoE (option)
- Behind NAT router or IP sharing device
- Support both Fixed IP and DHCP
- Support H.235 security function
- Support Fast Start and H.245 Tunneling
- Provide H.450 services (Hold, Transfer, Forward)
- Multiple E.164 (line number) supported
- Automatically GateKeeper Discovery
- Alternate Gatekeeper selection
- Provide Peer-to-Peer Mode (Non Gatekeeper needed) selection
- 2 x 24 dot matrix LCD display
- Speaker phone and Handset operation
- Ring tone, Speaker and Handset volume adjustable
- 10 sets last number redial
- LCD Display: Time, Date, Caller ID, Call Duration
- 12 Number Keypads: 0 to 9, # and *
- 4 LCD operation keys : OK, C, LEFT and RIGHT
- 10 function keys for Memory dial or Multi-Line function
- 8 one touch function keys : Speaker, Redial, Mute, Hold, Transfer, Call Forward, PSTN, Message
- 5 LED display : PSTN, Message, Hold, Mute and Speaker
- Enter IP phone and Gatekeeper IP address from Keypads
- Configure Dial path selection
- MS-NetMeeting v3.0 compatible

- Support QOS by setting TOS (Type Of Service) parameters of VoIP packet

Audio Performance

- G.711 A/u-Law, G.723.1, G.729A, G.729
- VAD, CNG
- G.168/G.165 compliant echo cancellation
- Programmable Dynamic Jitter Buffer
- Bad Frame Interpolation
- Completed voice band signaling support
- Provide both Inband and H.245 Outband DTMF generation/detection
- Gain/Attenuation Settings
- Provide Progress Tone: Dial tone, busy tone, call-holding tone and ring-back tone

Management Features

- TFTP/FTP download
- Two easy ways for system configuration
LCD Front Panel
TELNET

Environmental

- Humidity: 10 to 95 %, Non-condensing
- Operational Temperature : 0 to +50 •C
- Storage Temperature : -10 to +70 •C

LED indicator for system status

- SPEAKER : Speaker Phone working status
- MESSAGE : Message indication
- LINK/ACT : 10/100BaseT status
- HOLD : IP call put on hold indication
- MUTE : IP call is in Mute status
- PSTN : Selection between IP call and analog line call

Chassis

- Dimension: 215mm(W) x 71mm(H) x 198mm(D)
- Weight (unit): 834 g

