

JLP-1S

VoIP Phone



Network Protocol

- SIP v1 (RFC2543), v2 (RFC3261)
- IP/TCP/UDP/RTP/RTCP
- IP/ICMP/ARP/RARP/SNTP
- TFTP Client/DHCP Client/ PPPoE Client
- Telnet/HTTP Server
- DNS Client
- NAT/DHCP Server
- PPTP client
- VLAN

Codec

- G.711: 64k bit/s (PCM)
- G.723.1: 6.3k / 5.3k bit/s
- G.726: 16k / 24k / 32k / 40k bit/s (ADPCM)
- G.729A: 8k bit/s (CS-ACELP)
- G.729B: adds VAD & CNG to G.729
- GSM
- iLBC (option)

Voice Quality

- VAD: Voice activity detection
- CNG: Comfortable noise generator
- LEC: Line echo canceller
 - G.165, G.168 compliant
 - Echo canceller for each port
- Packet Loss Compensation
- Adaptive Jitter Buffer

Call Function

- Call Hold
- Call Waiting
- Call Forward
- Call Transfer
- Caller ID
- 3-ways conference
- Toll-Bypass (Auto Answer)

DTMF Function

- RFC2833
- In-Band DTMF
- Out-of Band DTMF
- SIP Info

SIP Server

- Registrar Server
- Outbound Proxy

Tones

- Ring Tone
- Ring Back Tone
- Dial Tone
- Busy Tone
- Programming Tone

Phone Function

- Volume Adjustment
- Speed dial key
- Phone book
- Hook Flash

IP Assignment

- Static IP
- DHCP client
- PPPoE client

Security

- HTTP 1.1 basic/digest authentication for Web setup
- MD5 for SIP authentication (RFC2069/ RFC 2617)

QoS

- ToS field
- Diff serv

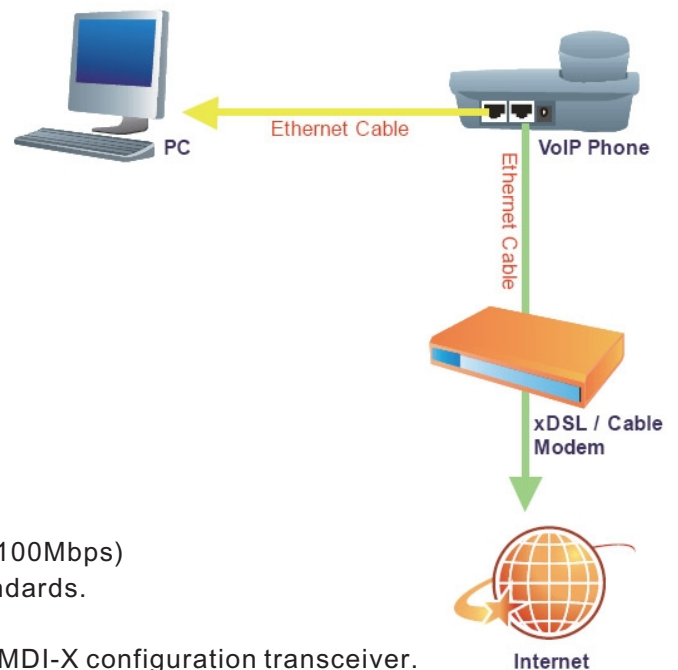
NAT Traversal

- STUN (Simple Traversal UDP through NAT)

Configuration

- Web Browser
- Console/Telnet
- Windows base Easy setup program





Firmware Upgrade

- TFTP
- Console
- HTTP

Auto provisioning

- HTTP
- TFTP

LAN Protocols /Interfaces

- Ethernet interface
- Support 1 Port Ethernet Interface (10/100Mbps) which compliant with IEEE 802.3x standards.
- 10/100 Mbps auto selection
- Ethernet port supports Automatic MDI/MDI-X configuration transceiver.

WAN Protocols /Interfaces

- Ethernet interface
- Support 1 Port Ethernet Interface (10/100Mbps) which compliant with IEEE 802.3x standards.
- 10/100 Mbps auto selection
- Ethernet ports support Automatic MDI/MDI-X configuration transceiver.

Hardware interface

- LAN port: 1x RJ45
- WAN port: 1 x RJ45
- LCD display: 2x16 characters
- Phone case: 27-button keypads
- LED lights: LEDs for SIP, LAN and WAN connection indicator
- Power port: DC 7.5V 600mA