

IP0032 is a VoIP phone that supports 3 SIP accounts and also has a PSTN port that allows users to make both VoIP and PSTN calls. This high level of functionality is not easily found in VoIP phones that are sold at this price.



WAN	1 x RJ45
LAN	1 x RJ45
PSTN	1 x RJ11

Network Protocol

- Protocol: SIP v1 (RFC2543), v2(RFC3261)
- Supports 3 SIP accounts
- IP/TCP/UDP/RTP/RTCP
- IP/ICMP/ARP/RARP/SNTP
- TFTP Client/DHCP Client/ PPPoE Client
- Telnet/HTTP Server
- DNS Client

Codecs

- 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

Voice Quality

- VAD: Voice activity detection
- CNG: Comfortable noise generator
- LEC: Line echo canceller
- Packet Loss Compensation
- Adaptive Jitter Buffer

Call Function

- Call Hold
- Call Forwarding
- Call Waiting
- Caller ID
- 3-way Calling

DTMF Function

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

SIP Server

- Register 3 SIP Accounts
- Outbound Proxy

Phone Function

- Volume Adjustment
- Speed Dial; Phone Book
- Flash
- Speaker Phone

IP Assignment

- Static IP
- DHCP
- PPPoE

Security

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

QoS

- ToS field

NAT Traversal

- STUN

Configuration

- Web Browser
- Console/Telnet
- Keypad

Firmware Upgrade

- TFTP
- Console
- HTTP
- FTP