V50P Basic Level IP Phone

V50P is a stylish, high-performance entry-level IP phone with a 2.3-inch 132x64 pixel dot-matrix screen, support for 2 SIP lines and 3-way audio conference(Only G711a/u), support PoE power supply, and HD voice. It can meet the application scenarios of different enterprises, and provide users with excellent interaction and comfortable instant Internet communication experience.



2 SIP Lines | HD Voice | Opus | PoE Enabled | HAC | EHS headset

Highlights

- ☑ 2.3-inch 132x64 pixel dot-matrix screen
- ☑ Support audio codec G.722 and Opus, HD audio on speakerphone and handset
- ☑ Support 3-way Audio Conference(Only G711a/u)
- ☑ Fast Ethernet - 10/100Mbps Ethernet, integrated PoE
- ☑ HAC HD voice handset and full duplex hands-free speaker hardware configuration to provide users with an outstanding audio experience
- ☑ Two installation methods of desktop stand and wall mountable
- ☑ Compatible with EHS headset

Generic

- 2.3-inch 132x64 pixel dot-matrix screen(No backlight)
- 2 SIP lines
- HD voice
- PoE enabled
- Handset / hands-free / headset mode
- Desktop Stand / Wall-mounted (optional)
- Optional external power supply
- Handset with Hall-effect Sensor Switch

Phone Functions

- Local Phonebook (1000 entries)
- Call logs (In/out/missed, 1000 entries)
- Blocked List/Allowed List
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable Soft keys
- Network Time Synchronization
- Support Poly wireless headset (Through Poly APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording (Through Server)
- Action URL / Active URI
- uaCSTA
- Customize Incoming Call Ringtone
- time Plan (timed reboot/timed forward/timed upgrade/timed config)
- Hidden DTMF
- Ring From Headset

Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume/Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)/Ban Anonymous call
- Call Forward (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial/Predial
- Call Back
- Do-Not-Disturb(DND)/Timed DND
- Auto-Answering
- SIP SMS
- Voice Message (On server)
- 3-way Audio Conference(Only G711a/u)
- Hot Line
- Hot Desking
- Direct IP call without SIP proxy
- Fuzzy Search Call
- Action Plan
- Dial Plan
- Intercom
- Call Completion/Auto Redial
- Primary and Backup SIP Servers
- Default Ext Line
- Multicast

Audio

- HD Voice: HD handset, HD speaker
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.726, G.729, G.729A, G.729B, G.729AB, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

Network

- Physical: 10/100 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4
- IP Configuration: Static IP / DHCP
- Network Access Control: 802.1x
- VPN: L2TP
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- DNS-SRV (RFC 3263)
- Support Redundant Servers
- Agent
- Https Mutual Authentication

Protocols

- SIP v1 (RFC2543) v2(RFC3261)
- UDP/TCP
- TLS 1.3
- RTP/RTCP/SRTP（Optional/Compulsory）
- STUN
- DHCP
- LLDP
- 802.1x
- 802.1p/Q
- L2TP
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- AES128 & AES256
- IEEE 802.3az

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP
- Screenshot
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog
- Network Firewall

Physical Specifications

- LCD: 132x64 pixel dot-matrix screen
- Keypad: 24 keys, including
  - 3 Function keys (Mute, Headset, Redial)
  - 4 Soft-keys
  - 2 Navigation keys
  - 12 Standard Phone Digits keys
  - 2 Volume Control keys, Lower/Increase(Left/Right)
  - 1 Hands-free key
- HD Handset (RJ9) x1
- Handset with Hall Switch
- Standard RJ9 Handset Wire x1
- 1.5M CAT5.E Ethernet Cable x1
- Desk Stand x1
- Status Indicator Light x1 (Red)
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- Security Slot x1
- Power: DC5V/1A or PoE
  - POE complies with the IEEE 802.3af standard
  - Power adapter: Input:100-240VAC~50/60Hz Output:5V/1A
- Power Consumption(Adapter): 0.28~1.48W
- Power Consumption(PoE): 0.85~2.35W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation:
  - Desktop Stand
  - Wall-mounted (Optional)
- Color: Dark Grey
- Qty/CTN: 10pcs
- N.W/CTN: 8.42 kg
- G.W/CTN: 9.07kg
- Device Dimensions:
  - Desktop Stand (40°): 173.0x185.0x169.9 mm
  - Desktop Stand (45°): 173.0x173.9x178.0 mm
  - Wall mountable: 173.00x91.34x215.55 mm
- Gift Box Dimensions: 250x220x55 mm
- Outer CTN Dimensions: 460x300x270 mm (10 PCS)