

IP2001 / IP2001B

Exquisite Economic IP Phone I



Features

- Most VoIP and networking protocols support
- User-friendly interface and exquisite design
- Good interoperability for IP Centrex, IPPBX and Soft switches
- Support good voice quality and storm attacking protection
- Auto-provisioning, management and security enhancement
- Rich supplementary call services and phone features
- Built-in Ethernet switch and Router functions

IP2001 is a revolutionary IP terminal for modern residential and office users. With sophisticated design, it can support versatile features, high performance and outstanding capability.

But most attractive point is exquisite design and unbeatable price. With a full range of interoperability tests, it is extremely compatible with a variety of Soft switch/ IP-PBX/ Servers. Beyond this, it may support serverless (Peer-2-Peer) VoIP structure in option.

To enable a complete availability of supporting IP Centrex and ITSP deployment requirements, IP2001 has been designed with Auto-Provisioning system function and work together with our SecureAPS™ Servers. However, it will be the best competitive products for the general application from home, SOHO, SME and up to enterprises.



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Specifications

Standards

- IETF SIP V2 (RFC3261) standards
- Call Hold, Transfer, Forward, Waiting, 3-way Conference, MWI, more
- STUN NAT, PPPoE, DHCP, TFTP, Telnet, DNS, SNTP, HTTP

Voice Handling

- Supports codec G.711 a/μ law, G.726, (G.729, G.723.1 optional)
- Supports VAD, CNG, AGC and Acoustic Echo Cancellation
- Jitter buffering and packet loss concealment
- Out-band DTMF (RFC2833)
- Distinctive ringing and programmable tone/ring support
- Enhanced voice quality for handset, headset and hands-free

Dialing methods

- On-hook dialing & full duplex speakerphone
- Redial, Mute, Call log, Phone book, Web dial, speed dial
- 2-Line/ 2-Call appearances

Configuration and Management

- Auto-provisioning, security, encryption support (with SecureAPS™)
- Remote and local configuration and management
- Auto-recovery and download firmware when image is corrupted
- Engineering trace log to Syslog server

Display

- 2 x 16 Character-based LCD display (English, Euro Languages)
- Option mode: IP2001-L: Backlight support
- 6 LED indicators (including MWI)

Keys

- 26 keys
- Context-sensitive soft keys for LCD menu
- Mute, Redial, Speaker, Hold, Transfer, Message, Conference

I/O Ports

- Dual 10/100 BaseT RJ-45 ports with QoS /VLAN support
- Headset port with RJ-11 jack (Optional)
- Reset button for factory default setting
- Engineering service port support

Physical Spec

- Power Supply: 5V DC /600mA linear power adapter
- Operating Temperature: 0°C to 40°C
- Operating Humidity: 10% to 90% (non-condensing)
- Dimension: 195 x 183.5 x 57 mm³

* Optional Firmware Versions for application

- Standard SIP Version , including SIP-B IP Centrex features
- Pro SIP version - Support IPSec/VPN
- IG6000 terminal – SMB IPPBX feature sets
- P2P SIP Version - Non-Server mode working with P2P Gateway
- IMS version – To support IMS NGN
- ODM versions – for specific applications

