

IP Box Bx202L



General

Bitel IP Box Series VoIP Gateways are small-sized, re-configured access gateways with a boxed design. They make target of enterprises, governments, telecom operators and families. IP Phone Bx899p directly transform voice signals into IP data packages, which are to be transported via Internet, By registering in Softswitch system or H,323 gatekeeper, it is connected into the networks of telecommunication carriers for dialing or responding.

Key Features & VAS(Value-added Service) for IP BOX

- Two types for choices, optional lifeline
- H,323,SIP,MGCP
- G.723, G.729, G.711
- ITU-U Signalling tone, Create and check DTMF
- Two signal standard: China & ANSI
- Web-based, Telnet and keypad management in English or Chinese
- Static, DHCP, PPPOE Connection, Router/Hub by Bridge
- Support Twice calling and T-38 fax
- Adjustable user password and super password
- FTP Automatically Update
- NAT watching
- Automatically watch and Switch main & spare SIP Server
- Caller ID display (CID), Call forwarding, Originating call restriction, Hotline, 3-way conference calls, DND(Do Not Disturb), Black List
- Voice priority flag(TOS), dynamic jitter buffer (JITTER BUFFER), voice detection (VAD), Comfort background Noise Generation (CNG), and DiffSery

Key Features for IP PHONE

- Clear and stable voice by adopting dynamic voice jitter buffer and CNG (comfort noise generation)
- Ethernet interface supporting LAN/ADSL/Cable Modem access modes
- Generation and detection of signaling tones (like dial tone and busy tone) and DTMF sounds, compliant with ITU-T standard
- Supporting caller ID display, LCD, the display of time, date and talk time, as well as system configuration

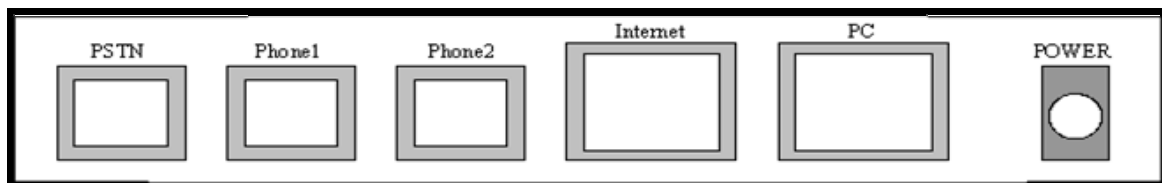
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- Supporting value-add services such as speed dial and call record query
- Automatic allocation of IP addresses according to DHCP and pppoe (for ADSL and Cable Modem access)
- Configuring of telephone parameters through HTTP Web browser and standard Telnet, or the update of the program through FTP
- Supporting NAT (network address translation)
- A storage capacity of up to 80 missed calls and 100 speed dial numbers

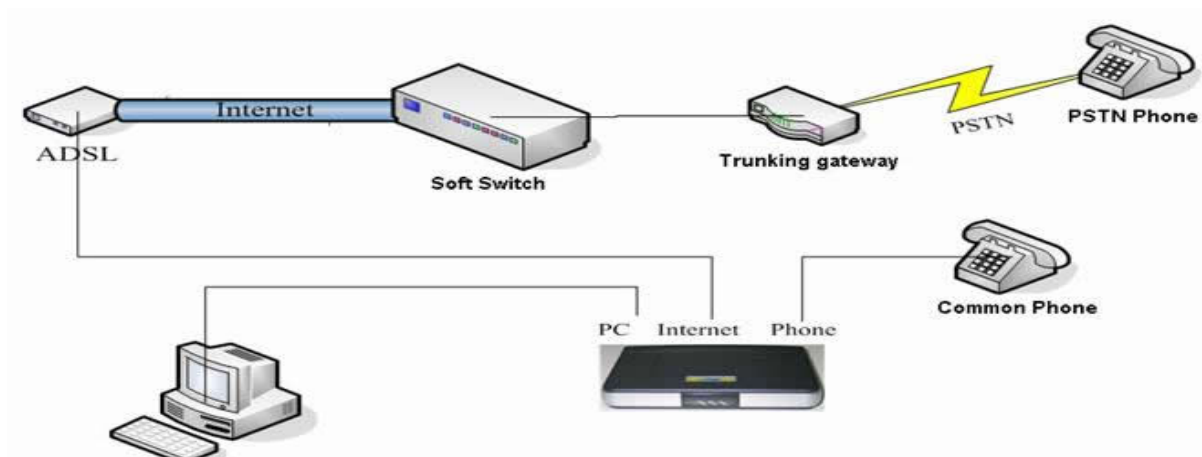
Parameters

- 1 Internet(10/100M)+1 PC+1 Phone/2 Phone & 1 PSTN lifeline
- AC/DC adaptor Input 100-240VAC; Output 12VDC,1.5A
- Dimensions: 168mm*128mm*28mm
- Working temperature: -5°C ~ +60°C
- Working humidity: 10%~90%

The backboard with PSTN lifeline



The gateways working way



Bitel IP Box series gateways have excellent performance/cost ratio and offer rich features typically found in more expensive products with embedded gatekeepers, web-based management functions, embedded proxies for tunneling through firewalls or NAT, rich voice signaling and outstanding data routing capability. It has been exported to North America.