

EP310



2. Hardware Spec.

- Intel IXP420BD/IXP425BD at 533 MHz
- 16MB Flash
- 64MB SDRAM
- Two USB2.0 ports. One connects to external port and the other port is installed in the inside of the box for a hard disk.
- 4 * LAN ports and 1 * WAN port
- 2 * FXO ports & 2* FXS ports
- On board DSP chip AC49008
- Codec support: G.723.1, G.729, G.711 (μ /A-Law), G.726 ADPCM
- Caller ID : Bellcore and ESTI (On hook and off hook service)
- Fax support: T.38 compliant
- Echo canceller: G.168-2002 compliant with programmable echo tail of up to 128ms

3. IP PBX Features.

*** Subject to change without prior notice

<p>Supported Standards</p> <p>RFC 3261, RFC 3311, RFC 3515 RFC 3265, RFC 3892, RFC 3361 RFC 3842, RFC 3389, RFC 3489 RFC 3428, RFC 2327, RFC 2833 RFC 2976, RFC 3263, RFC 3264</p> <p>SIP Registrar</p> <ul style="list-style-type: none"> • Static/Dynamic registration • Configurable expiry time • MD5 authentication • Registration proxy to external registrars • Configurable PBX Caller ID • User profile • Handle loose RFC-compliant phones • Resilient message retry mechanism • Seeding historical registrations <p>SIP Proxy</p> <ul style="list-style-type: none"> • Proxy server • Call-based MD5 authentication • NAT traversal for clients • Outbound proxy with or without WAN • Inter-proxy call hand-off <p>PBX Features</p> <ul style="list-style-type: none"> • Support call hold, call waiting, 3-way call conference with feature phones • Built-in in-line call transfer • Unconditional, unavailable, busy call forward • Per-calling-number forward and rejection • Group-based call pick-up • Call-parking • Multi-room meet-me conference • Auto-attendant • Voice mail system • Call privilege grouping • FXO interface for PSTN Inbound/outbound • FXO disconnection tone detection • FXO hunt group • Caller ID detection • Echo cancellation • In-band/RFC2833/SIP-INFO DTMF translation 	<ul style="list-style-type: none"> • Support 5 SIP trunk • Intra-PBX stackable trunking over Ethernet • FWD/Vonage account sharing for extensions • Interoperable with Cisco CallManager, CCME, IOS SIP gateway, Unity, CUE, 79XX, ATA • Call admission control for wired/wireless phones • Music on hold • Direct line • Outbound 900/0204 blocking <p>Auto Attendant</p> <ul style="list-style-type: none"> • Configurable Greeting • Key to reach operator • Timeout interval and timeout action • Music on ringing extensions • Forward to voice mail on no-answer <p>Voice Mail</p> <ul style="list-style-type: none"> • User PIN • Multilingual • Multi-folder archive • Fast-forward/Rewind/Undelete • MWI notification • E-mail notification and attachment (Unified messaging) • Personal reception on unavailability and busy • Voicemail forwarding • Reply call or new call in voicemail menu <p>Storage</p> <ul style="list-style-type: none"> • Support USB 2.0 storage media <p>Meet-me Conference</p> <ul style="list-style-type: none"> • Multiple rooms with configurable number and PIN • Music on first dial-in party • Hot key to leave conference <p>NAT</p> <ul style="list-style-type: none"> • Auto NAT discovery and traversal • Built-in STUN client • RTP proxy • RTP port range designation 	<p>Relational Provision</p> <ul style="list-style-type: none"> • Logical partition/relation on users and trunks • Logical provision on outgoing and incoming calling search scopes • Rich dial-plan expressiveness through route patterns • Object-oriented provisioning paradigm <p>Administration</p> <ul style="list-style-type: none"> • Web-based configuration • Flat system event syslog • Flat Call Detail Record (CDR) • Extension status display • TFTP server and TFTP repository maintenance • Network Time Protocol time synchronization • Real Time Clock setting • DHCP server with multiple partitions, per-MAC IP binding, list of options • Configurable time zone • Firmware upgrade through Web interface <p>Network Management</p> <ul style="list-style-type: none"> • DHCP/PPPoE/Static IP on WAN • LAN IP and netmask specification • Firewalling on predefined services • NAT for outbound traffic from LAN • DNS and dynamic DNS • QoS queuing mechanism for VoIP and data traffic <p>Maximum Capacity</p> <ul style="list-style-type: none"> • 30 extension registrations • 30 voicemail accounts • 10 concurrent calls with RTP • 4 analog calls
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