DSP9315 IP Telephone

The new IP telephone, with advanced design and cost-effective price, greatly improves the production efficiency of enterprises.

Features:

- ✓ Simple and fashionable appearance;
- ✓ Cost-effective price and green environment protection concept;
- ✓ Simple installation and configuration;
- ✓ Support 100 Mbps Ethernet - adaptive 10/100 Mbps network port, with high-speed transmission and **PoE power supply* (Customized)**;
- ✓ High Compatibility - Compatible with SIP-based IP PBX/Softswitch/IMS platforms, such as Asterisk, Broadsoft, 3CX, Elastix, Zycoo, etc.

Model	Screen	Network	Power adapter
DSP9315	128x48 Lattice screen	10/100Mbps	√

Performance

- Two SIP lines
- Hand-shank (HS)/Hand-free (HF)/Headphone (HP)
- Desktop Vertical
- Power adapter
- Economic and environmental package
- Industrial standard certification

Call

- Dial out/answer/reject
- Mute / Unmute (microphone)
- Call hold / continue
- Call waiting
- Intercom function (Intercom)
- Caller ID
- Call Forward (all / busy / no answer)
- Call Transfer (Attendance / Non-Attendance)
- Call Parking / Pick-up (server is needed)
- Redial
- Do Not Disturb (DND) (individual lines can be configured)
- Auto Answer (individual lines can be configured)
- Voicemail (server is needed)
- Local tripartite conference call
- Hot Line

Phone

- Smart phone book (supports up to 500 records)
- Internet phone book (supports XML/LDAP)
- Call history (supports up to 300, dial in/out/not connected)
- Black list/White list

- Voice Message Waiting Indication (VMWI)
- Network time synchronization
- User-defined soft keys
- Network time synchronization

Audio

- Broadband ADC/DAC 16KHz sampling
- Narrow band coding: G.711a/u, G.723.1, G.726-32K, G.729AB
- Full duplex hands-free calls, supports Acoustic Echo Cancellation (AEC) with maximum 96ms echo tail length cancellation
- Voice Activity Detection (VAD)/Comfortable Noise Generation (CNG)/Background Noise generation Estimation (BNE)/ Noise Reduction (NR)
- Packet Loss Concealment
- Dynamic adaptive jitter buffer up to 300 ms
- DTMF: In-band, Out-of-band-DTMF Transfer (RFC2833) / SIP INFO

Network

- 10/100Mbps Ethernet (Bridging pattern)
- IP Acquisition: Static IP Settings / DHCP / **PPPoE* (Customized)**
- Support 802.1x Network Access Authentication
- Virtual Private Network (VPN): L2TP (Basic, Unencrypted) / OpenVPN
- Virtual Local Area Network (VLAN)
- Quality of Service Guarantee (QoS)

Protocol

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN

- DHCP
- **PPPoE* (Customized)**
- 802.1x
- L2TP (Basic Unencrypted)
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR069

RFCs:

354/1321/1350/1769/1889/1890/2131/2132/2616/2617/2661/2833/2976/3261/3262/3263/3264/3265/3268/3311/
3489/3711/4346/4566/5630/5865

Configuration & management

- Auto-Provisioning over FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR069
- Web management interface
- Web-based Packet-dump
- Configuration export/import
- Phone book import/export
- Software Upgrade/Online Latest Version Check and Automatic Upgrade
- Syslog

Specification

- Display screen: 128 x 48 lattice screen with backlight
- Key: 24 keys, including:
- 4 Dynamic (Soft Key)
- 4 Function keys (Up/Down/Headphone/Redial)
- 12 Standard telephone digital keys
- 2 Volume control keys, Reduce (Left)/Increase (Right)
- 1 Mute key
- 1 Hands-free key
- RJ9 handle curve x1
- 1.5M CAT5 Wire x1
- RJ9 Phone Interface x2: Handle x1, Headphone x1
- RJ45 Network Interface x2: Network x1, PC x1 (Network Bridging pattern)
- Main Chip: Broadcom
- DC input: 5V/ 0.6A
- Power consumption: standby - 0.89W~1.2W, peak - 1.81W ~2.5W
- Working temperature: 0 ~ 40 C
- Relative humidity: 10 ~ 65%
- Desktop vertical
- Equipment size: 164x 154 x 166mm (Desktop Vertical)
- Package size: 250 x 205 x 66 mm (L * W * H)
- Outer box size: 420 x 340 x 265 mm (10 sets)