

UC PHONE DW-320



DW-320 are mainly designed for general office users (from VSE, SOHO to SMB) in VoIP communication.

With sophisticated and elegant design, this platform has high performance and can offer versatile features and specifications to meet different environment requirements. It can be installed on LAN / DSL / Cable network environment and registered to SIP registrar Server(s), soft switch(es), IP-PBX(s), or IMS-based system and let SIP-enabled terminals to communicate with. Beyond this, user's PC can be connected to this phone instead of LAN directly.

The phone comes with a plastic Housing and some accessories, including handset, handset cord, keypad, keys and wall-mounting kit. A TFT color LCD display on the panel provides direct visual interface with user. User can use keypad/LCD or Web browser to configure this phone.

MAIN FEATURES

- Multi-user 4 SIP accounts (*).
- 2.8 inch Color LCD, 320x240 pixels, TFT color LCD.
- Dual switched 10/100Mbps Ethernet ports supporting IEEE 802.3/802.3u.
- Voice Codec G.711a/u, G.729A/B, G.723.1 high/low, G.726-32, G.722.
- QoS: IEEE 802.1Q & IEEE 802.1p Compliant, Diffserv (DSCP)/ToS,
- Full range VLAN ID Support, Class of Service Support by VLAN Tag, LLDP, L2TP VPN/OpenVpn.
- Protocol: SIP RFC3261, TCP/UDP/IP, static IP, DHCP, PPPoE, RTP/RTCP, HTTP/HTTPS, etc.
- Auto Provisioning: TFTP/FTP/HTTP.
- Denwa Cloud Auto-Provisioning.
- Auto-Provisioning without DHCP.
- Auto-Provisioning, Zero Configuration.

* Optional 10 SIP Account

DW-320

Systems Specifications

Phone Features

- Multi-user, 4 SIP accounts (Optional 10 SIP Account).
- Caller ID display.
- Call History: 100 Missed Calls, 100 Received Calls, 100 Dialed Calls.
- Phone book (up to 500 contact names and phone numbers).
- Day/Time display.
- Call/Time display.
- 9 Selective Ring tones.
- 9 Speed dial number.
- Incoming call indicator.
- Flexible dial map.
- Password control for Configuration.
- Pre-dial before sending.
- Connect with expansion module.
- Memo.
- MWI.
- Hot Desking.
- XML.
- PtoP Dial.
- SMS.
- Keypad lock.
- Emergency call.
- Customize DSS key/ softkey.

Signal, Media & Network Protocols

- SIP RFC 3261 & the related RFC standard in Appendix A.
- SDP RFC 2327.
- RTP RFC 1889.
- IP assignment: Static IP, DHCP and PPPoE.
- STUN, static port mapping (for NAT traversal).
- SNTP.
- DNS & DNS SRV.
- TFTP/FTP/HTTP for Auto Provision.
- IP/TCP/UDP/ARP/ICMP.

Advance Voice Quality Feature

- Silence Suppression.
- Acoustic Echo Cancellation (G.168): Hands-free can support 96ms.
- Voice Active Detection (VAD).
- Comfort Noise Generation.
- Jitter Buffer.
- DTMF Transmitter (SIP info, Transparent, RFC 2833).
- Packet Lost Concealment (PLC).
- Support HD voice.

Network Capability

- QoS: IEEE 802.1Q & IEEE 802.1p Compliant.
- Diffserv (DSCP)/ToS.
- Full range VLAN ID Support(voice vlan/data vlan).
- Class of Service Support by VLAN Tag.
- LLDP.
- L2TP VPN/OpenVpn.

User Interface and Network Management

- LCD/Keypad UI in English & other Languages.
- HTTP(WEB) UI in English version & other Languages.
- FTP/TFTP/HTTP for Firmware remote update.
- Auto-provisioning (APS) for firmware and profile upgrade.
- Emergence upgrade if firmware corrupted.
- Denwa Cloud Auto-Provisioning.
- Auto-Provisioning without DHCP.
- Zero Configuration.

Voice Codec

- G.711a/u (64k bps).
- G.729A/B (8k bps).
- G.723.1 high/low.
- G.726-32.
- G.722.