

UB600W Entry Level Business Phone

UB600W is a stylish, high-performance entry-level phone with a 2.3-inch 132x64 pixel dot-matrix screen, supports for 2 SIP lines and 6-way audio conference, supports PoE power supply, and HD voice. It built-in 2.4GHz Wi-Fi, supporting Wi-Fi 6, can meet the application scenarios of different enterprises, and provides users with excellent interaction and comfortable instant Internet communication experience.



Model: **UB600W**

Entry Level Business Phone

- 2.3-inch 132x64 pixel dot-matrix screen
- Support 6-way Audio Conference
- Built-in 2.4GHz Wi-Fi, supporting Wi-Fi 6
- Compatible with EHS headset.

								
2 SIP Lines	HD Voice	Opus	Built-in Wi-Fi 6	PoE enabled	6-way Audio Conference	IPv4/IPv6/IPv4&IPv6	HAC	EHS headset

Highlights

- Support audio codec G.722 and Opus, HD audio on speakerphone and handset.
- Fast Ethernet - 10/100 Mbps Ethernet, integrated PoE.
- HAC HD voice handset and full duplex hands-free speaker hardware configuration to provide users with an outstanding audio experience.
- Two installation methods of desktop stand and wall mountable.

Generic

- 2.3-inch 132x64 pixel dot-matrix screen (No backlight)
- 2 SIP lines
- HD voice
- PoE enabled
- Handset / hands-free / headset mode
- Desktop Stand / Wall-mounted (optional)
- Optional external power supply
- Handset with Hall-effect Sensor Switch

Phone Functions

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP)
- Call logs (In/Out/Missed, 1000 entries)
- Blocked List/Allowed List
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support Poly wireless headset (Through Poly APD-80 EHS Cable)
- Support Jabra wireless headset (Through EHS20 EHS Cable)
- Support Recording (Through Server)
- Action URL / Active URI
- XML Browser
- uaCSTA
- Customize Incoming Call Ringtone
- Time Plan (timed reboot/timed forward/timed upgrade/timed config)
- Hidden DTMF
- Ring From Headset

Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID/Ban Anonymous call)
- Call Forward (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Call Back
- Predial
- Do-Not-Disturb (DND)/Timed DND
- Auto-Answering
- SIP SMS
- Voice Message (On server)
- 6-way Audio Conference
- Hot Line
- Hot Desking
- Direct IP call without SIP proxy

- Fuzzy Search Call
- Action Plan
- Dial Plan
- Call Completion/Auto Redial
- Primary and Backup SIP Servers
- Default Ext Line
- Multicast

Audio

- HD Voice: HD handset, HD speaker
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726, G.729, G.729A, G.729B, G.729AB, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Cancellor (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

Network

- Physical: 10/100 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static IP / DHCP / PP PoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTPC-XR (RFC3611), VQ-RTCPXR (RFC6035)
- DNS-SRV (RFC 3263)
- Support Redundant Servers
- Agent
- https Mutual Authentication
- Wi-Fi Security Mode WPA / WPA2-PSK / 802.1X EAP

Protocols

- SIP v1 (RFC2543) v2(RFC3261) UDP/TCP/TLS
- RTP/RTCP/SRTP(Optional/Compulsory)
- STUN
- DHCP
- IPv6
- LLDP
- PP PoE
- 802.1x
- 802.1p/Q
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Screenshot
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog
- Network Firewall
- Online Upgrade

Physical Specifications

- LCD: 2.3-inch 132x64 pixel dot-matrix screen
- Keypad: 32 keys, including
 - 8 Function keys (Hold/ Transfer /Voice message/Conference/ Phonebook/Headset/ Redial/Hands-free)
 - 4 Soft-keys
 - 4 Navigation keys
 - 1 OK key
 - 12 Standard Phone Digits keys
 - 3 Volume Control keys (Up/Down/Mute (Microphone))
- HD Handset (RJ9) x1
- Handset with Hall Switch
- Standard RJ9 Handset Cord x1
- 1.5M CAT5.E Ethernet Cable x1
- Desk Stand x1
- Status Indicator Light x1 (Red)
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- Security Slot x1
- Power: DC5V / 1A or PoE
 - POE complies with the IEEE 802.3af standard
 - Power adapter: Input:100-240VAC~50/60Hz Output:5V/1A
- Working Temperature: 0~45°C
- Working Humidity: 10~95%
- Installation:
 - Desktop Stand
 - Wall mountable (optional)
- Color: Black
- Device Dimensions:
 - Desktop Stand (45°): 178x190.98x170.89 mm
 - Desktop Stand (50°): 178x179.7x178.74 mm
 - Wall mountable: 178x101.89x215.94 mm
- Gift Box Dimensions: 250x220x55mm
- Outer CTN Dimensions: 460x300x270mm (10 PCS)