

UB601G Entry Level Business Phone

UB601G is a stylish, high-performance entry-level phone with a 2.4-inch 320x240 pixel dot-matrix screen, supports for 4 SIP lines and 6-way audio conference, dual Gigabit ports, supports PoE power supply, and HD voice. It can meet the application scenarios of different enterprises, and provides users with excellent interaction and comfortable instant Internet communication experience.



Model No. UB601G

- 2.4-inch 320x240 color screen.
- Support 6-way Audio Conference.
- Supports G.722 and Opus audio codecs.



2.4-inch
color



4 SIP Lines



1000 Mbps



HD Voice



Opus



PoE enabled



6-way Audio
Conference



IPv4/IPv6/
IPv4&IPv6



HAC



DSS Keys



EHS headset

Highlights

- Fast Ethernet - 10/100/1000 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.
- Compatible with EHS headset.

Generic

- 2.4-inch 320x240 color screen
- 4 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
- Built-in 2.4GHz/5GHz dual-band Wi-Fi , supporting Wi-Fi 6
- Built-in Bluetooth 5.4, supporting Bluetooth wireless headset
- 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
- Customize Wallpaper
- uaCSTA
- Customize Incoming Call Ringtone
- Time Plan (timed reboot/timed forward/timed upgrade/timed config)
- Hidden DTMF
- Ring From Headset
- Customize DSS icon
- Customize DSS LED lights
- Customize BLF
- Customize UI Display

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 Canceller (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: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- DNS-SRV (RFC 3263)
- Support Redundant Servers
- Agent
- https Mutual Authentication

Physical Specifications

- LCD: 2.4-inch 320x240 color screen
- Keypad: 35 keys, including
 - 8 Function keys (Hold/Transfer/Voice message/Conference/Phonebook/Headset/Redial/Hands-free)
 - 4 Soft-keys
 - 3 DSS keys with LED indicator light
 - 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 (optional): 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)

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

Protocols

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