

Entry Level

# Business Phone

**UB601P • UB601G • UB601W**



## UB601P/G/W Entry Level Business Phone

UB601P/G/W 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 built-in 2.4GHz/5GHz dual-band Wi-Fi, supporting Wi-Fi 6, and built-in Bluetooth 5.4. can meet the application scenarios of different enterprises, and provides users with excellent interaction and comfortable instant Internet communication experience.



### Highlights

- Fast Ethernet - 601P/W: 10/100 Mbps and 601G: 10/100/1000 Mbps Gigabit Ethernet, with 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.
- 2.4-inch 320x240 color screen.
- Support 6-way Audio Conference.
- Supports G.722 and Opus audio codecs.
- UB601W: Built-in 2.4GHz/5GHz dual-band Wi-Fi, supporting Wi-Fi 6
- UB601W: Built-in Bluetooth 5.4, supporting Bluetooth wireless headset.

## Datasheet

### 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/Broadsoft)  
Call logs (In/Out/Missed, Forward, 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: 601P/W 10/100 and 601G 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  
Wi-Fi Security Mode : WPA /WPA2-PSK/802.1X EAP

## Datasheet

### 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

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

Power Consumption (Adapter): 0.92~1.69W

Power Consumption (PoE): 1.41~2.25W

Working Temperature: 0~45°C

Working Humidity: 10~95%

Installation:

Desktop Stand

Wall mountable (optional)

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

### 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