UBIQCOM™

UB604 Ultra Prime Business Phone

UB604 Ultra is a stylish and user-friendly IP phone. It features a 2.8-inch (320x240) high-definition color screen, supports 12 SIP lines, and allows for a 6-way audio conference. With rich functions such as HD audio, dual Gigabit ports, and integrated PoE. UB604 Ultra supports a Bluetooth wireless handset, with which the users are free to move around when on a call. With a range of up to 10M/32 feet, this Bluetooth wireless handset offers more flexibility to users.

Model: UB604 Ultra

Prime Business Phone

- 2.8-inch (320x240) color screen.

- Support 6-way Audio conference.

- Dual Gigabit ports, integrated PoE.

2.8-inch color Screen	4 SIP Lines	1000 Mbps	HD Voice	Opus	PoE enabled
HAC	DSS Keys	EHS headset	IPv4/IPV6/ IPv4&IPv6	6-way Audio Conference	

Highlights

- Support audio codec G.722 and Opus, HD audio on speakerphone and handset.
- Bluetooth wireless handset provides an excellent audio experience for instantly connected, open workspaces.
- Up to 21 DSS keys, every DSS key can be set as Line/BLF/ Speed Dial Key.
- Two installation methods of desktop stand and wall mountable.

Datasheet

UBIQCOM™

Generic

- 2.8-inch (320x240) color screen
- 12 SIP lines
- HD voice
- Dual Gigabit ports, PoE enabled
- 21 DSS keys
- Handset / hands-free / headset mode
- Desktop Stand / Wall-mounted (optional)
- Optional external power supply
- Handset with Hall-effect Sensor Switch
- Bluetooth wireless handset

Phone Functions

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP)
- Call logs (In/Out/Missed,1000 entries)
- Blocked List/Allowed List
- Screen saver(through server)
- 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
- Customize Wallpaper
- Customize Boot Logo
- 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
- Call Back
- Do-Not-Disturb (DND)/Timed DND
- Auto-Answering
- SIP SMS
- Voice Message
- Do-Not-Disturb (DND)/Timed DND
- Auto-Answering
- SIP SMS
- Voice Message
- 6-way Audio Conference
- Hot Line
- Hot Desking
- Direct IP call without SIP proxy
- Fuzzy Search Call
- SIP Hotspot
- Action Plan
- Dial Plan
- Call Completion/Auto Redial
- Primary and Backup SIP Servers
- Default Ext Line
- Multicast

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
- Wi-Fi Security Mode： WPA/WPA2-PSK/802.1X EAP

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: 2.8-inch (320x240) color screen
- Keypad: 39 keys, including
  - 7 DSS keys + 1 page key (with LED)
  - 5 Function keys (Contact, MWI, Mute, Headset, Redial)
  - 4 Soft-keys
  - 4 Navigation keys
  - 1 OK key
  - 1 Return key
  - 1 Home key
  - 12 Standard Phone Digits keys
  - 2 Volume Control keys, Up/Down
  - 1 Hands-free key
- Bluetooth wireless handset (BTH60) 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 / 2A or PoE
  - POE complies with the IEEE 802.3af standard
  - Power adapter (optional): Input:100-240VAC~50/60Hz
    Output:5V/2A
- Power Consumption (Adapter): 1.35~4.4 W
- Power Consumption (PoE): 1.89~5.6 W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation:
  - Desktop Stand
  - Wall-mounted (optional)
- Color: Dark blue
- Qty/CTN: 10 PCS
- N.W/CTN:9.53kg
- G.W/CTN:10.25kg
- Device Dimensions:
  - Desktop Stand (40°):
    200.0 x 175.2 x 172.6 mm
  - Desktop Stand (45°):
    200.0 x 185.3 x 160.6 mm
  - Wall mountable:
    200.0 x 217.7 x 70.4 mm
- Gift Box Dimensions:303 x 223 x 56 mm
- Outer CTN Dimensions:
466 x 305 x 323 mm (10 PCS)

Handset Status Light

- Handset Programmable
- Keys (DTMF/Mute/Hold/ Speed Dial) Handset Auto Pairing
- Handset Searching Function
- Handset Call Button (Answer/Double-click to Reject/ Redial/Long Press for 3 Seconds to Power On/Long Press for 5 Seconds to Power Off)
- Handset Volume Control Keys (Increase/Decrease)
- Standby Time: 13 hours
- Talk Time: 14 hours
- Connection Distance: 10M/32feet

Handset Status Light

- Steady Orange (Charging)
- Steady Green (Charging/Charged)
- Orange Slow Blink (Disconnected)
- Blue Light (Paired with Phone)
- Blue and Green Blink (Searching for Handset)
- Red Slow Blink (less that 10% battery)
- Green Fast Blink (Answering Incoming Call)
- Green Slow Blink 3 Times (Handset Power Off)
- Steady Green for 3 Seconds (Handset Power On)

Handset Physical Specifications

- Steady Orange (Charging)
- Steady Green (Charging/Charged)
- Bluetooth Wireless Handset Name: BTH60
- Keys: 4, including:
- 1 Programmable Key (with Red LED)
- 1 Call Key
- 2 Volume Control Keys, Increase/Decrease
- Status Indicator Light x1 (Red/Green/Blue)
- Battery capacity :300 mAh(Built-in)
- Net Weight: 187g/PCS
- Product Dimensions: 203mm x 46mm x 42.3mm

Audio

- HD Voice: HD handset, HD speaker
- HAC Handset
- 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