Datasheet

UBIQCOM™

Hotel IP Phone

UBH809W

Stylish and Compact

Hotel Wi-Fi IP Phone

UBIQCOM UBH809W is a hotel Wi-Fi phone with a cost-effective, multi-function, and elegant appearance. It is equipped with 6 programmable soft keys for the services hotline. UBH809W has built-in dual-band 2.4GHz & 5GHz Wi-Fi (Wi-Fi 6). It ensures stable and efficient communication in various wireless network environments with fast roaming capabilities. Made with antibacterial materials to effectively prevent bacterial growth, ensuring guest health and safety while enhancing the user experience. Additionally, it supports functions such as HD audio. It is also equipped with a high-capacity battery, offering long-lasting performance without pressure. This provides a high-quality user experience and reduces hotel deployment costs.

Highlights

- 6 programmable soft keys for service hotline
- Built-in dual-band 2.4GHz & 5GHz Wi-Fi (Wi-Fi 6)
- Made with antibacterial materials to ensure guest health
- Support IEEE 802.11k/v/r for fast roaming and automatic network switching
- Support WPA/WPA2-PSK and 802.1X EAP encryption for secure communication
- 1900mAh battery, 8.1 hours talk time, 159 hours standby*
- Base supports phone fast charging, up to 20W

Datasheet

Generic
2 SIP Lines
HD Voice
Built-in dual-band 2.4GHz & 5GHz Wi-Fi (Wi-Fi 6)
Hand set / Hands-free mode
Intelligent DSS Keys (speed dial key)
Standard Type-C interface
Desktop charging dock
Power adapter (12V/3A)

Phone Functions
Programmable DSS/soft keys
Built-in dual-band 2.4GHz & 5GHz Wi-Fi (Wi-Fi 6)
- 2.4GHz, 802.11 b/g/n
- 5GHz, 802.11 a/n/ac/ax

Action URL / Active URI
Web dial
Dial plan
SIP Hotspot(client)
Multicast
Network time synchronization

Call Functions
Call out / Answer
Mute / Unmute
Speed Dial
Voice Message
Hot Line

Audio
Wideband ADC/DAC 16KHz sampling
HAC controller
Narrowband codec: G.711A/U, G.729AB, G723.1, G726, iLBC
Wideband codec: G.722, Opus
Full-duplex hands-free speakerphone with 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 – DTMF-Relay (RFC2833) / SIP INFO
Voice quality monitoring (VQM)

Network
IP Mode: IPv4/IPv6/IPv4&IPv6
IP Configuration: Static / DHCP / PPPoE
Wi-Fi Encryption: WPA /WPA2-PSK /802.1X EAP
Network Access Control: 802.1x
VPN: L2TP / OpenVPN
VLAN: 802.1P/Q
QoS
LLDP
RTCP-XR (RFC3611), VQ-RTCPXR(RFC6035)

Power Management
Charging indication
Fully charged indication
Low battery indication
Auto-power on when charging after abnormal shutdown

Protocols
SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS
RTP/RTCP/SRTP
STUN
DHCP
IPv6
PPPoE
L2TP
OpenVPN
SNTP
FTP/TFTP
HTTP/HTTPS
TR-069

Deployment & Management
Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
Web management portal
Web-based Packet-dump
Configuration export / import
Firmware upgrade
Syslog

Physical Specifications
Keypad: 24 keys, including
- 12 Standard Phone Digits keys
- 6 DSS keys
- 5 Function keys (Up/Down/Mute /Answer/Hang up)
- 1 hands-free key

Charging dock x1
Rechargeable lithium battery x1 1900mAh
Power: DC 12V/3A (Dock power input)
Charging port: Type-c
Fast charging port: Type-A & Type-c, up to 20W
Working Temperature: 0~45℃
Working Humidity: 10~95%
Installation:
- Desktop

Color: Black
Qty/CTN: 6 pcs
N.W/CTN: 3.61 kg
G.W/CTN: 3.95 kg
Device Dimensions:
- Handset: 215*55*17.5 mm
- Base: 144.5*61.5*94.5 mm

Gift Box Dimensions：102*91*233mm
Outer CTN Dimensions：295*224*243mm (6 PCS)