Datasheet

UBIQCOM™

WIFI Hotel Phone

UBH804/W

Stylish and Compact

WIFI Hotel IP Phone

UBIQCOM UBH804/804W is a cost-effective hotel IP phone with multiple functions and an elegant appearance. It is equipped with 5 programmable soft keys for the services hotline, catering to diverse hotel scenarios. UBIQCOM UBH804W has built-in 2.4GHz & 5GHz Wi-Fi (Wi-Fi 6), ensuring seamless connectivity. Additionally, it features HD voice, 10/100Mbps Ethernet, and PoE, enhancing the overall user experience while reducing hotel deployment costs. It is more than a hotel phone and can also be applied in multiple scenarios, such as shopping malls, hospitals, and supermarkets.

Highlights

- Elegant and fashionable appearance
- Unique customized faceplate
- 5 programmable softkeys, supporting custom hotel service numbers and icons
- Customizable softkeys' icons and hotel service numbers
- Built-in dual-band 2.4GHz & 5GHz Wi-Fi (UBH804W)
- Factory default SSID configuration (UBH804W)
- USB-A interface charging, no need for additional converters

Datasheet

Generic
2 SIP Lines
HD Voice
PoE
Built-in dual-band 2.4GHz & 5GHz Wi-Fi (Wi-Fi 6)
Hand set / Hands-free mode
Intelligent DSS Keys (speed dial key)
Desktop Stand
Optional External Power Supply (UBH804 sold separately)

Phone Functions
Programmable DSS keys
Action URL / Active URI
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
Web dial
Dial plan
SIP Hotspot
Distinctive ring
Multicast

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

Audio
Wideband ADC/DAC 16KHz sampling
HAC handset
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
VQM voice quality monitoring

Network
10/100 Mbps Ethernet
IP Mode: IPv4/IPv6/IPv4&IPv6
IP Configuration: Static / DHCP / PPPoE
Wi-Fi Encryption: WPA /WPA2-PSK /802.X EAP
Network Access Control: 802.1x
VPN: L2TP / OpenVPN
VLAN: 802.1P/Q
QoS
LLDP
RTCP-XR (RFC3611), VQ-RTCPXR(RFC6035)

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: 21 keys, including
- 12 Standard Phone Digits keys
- 5 DSS keys
- 3 Function keys (Up/Down/Mute)
- 1 hands-free key

MSG indicator (with red color LED) x1
Handset (RJ9) x1
Standard RJ9 Handset Cord x1
1.5M CAT5 Ethernet Cable x1
RJ9 Port x1: Handset x1
RJ45 Port x1: Network x1
USB-A Port x1
Power: DC 5V 2A or PoE
Power Consumption (PoE):
- UBH804: 0.66~4.07 W
- UBH804W: 0.94~5.79 W

Power Consumption (Adapter):
- UBH804: 0.85~5.5 W
- UBH804W: 1.51~7.8 W

Working Temperature: 0~45℃
Working Humidity: 10~95%
Installation:
- Desktop

Color: Black/White
Qty/CTN: 10 pcs
N.W/CTN: 7.85 kg
G.W/CTN: 8.80 kg
Device Dimensions:
Desktop Stand (30°): 221x127.5x70.5 mm
Gift Box Dimensions: 168x228x85 mm
Outer CTN Dimensions: 476x445x188 mm (10 PCS)