Datasheet

UBIQCOM™

WIFI Hotel Phone

UBH808W

Stylish and Compact

WIFI Hotel IP Phone

UBIQCOM UBH808W is a cost-effective Wi-Fi 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. UBH808W has built-in dual-band 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

- 3.5-inch 320x480 IPS screen, customizable background image
- Support image slideshow in screensaver mode
- 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 (Wi-Fi 6)
- Factory default SSID configuration
- Sleep mode to reduce energy consumption
- USB interface charging, no need for additional converters

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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

Phone Functions
Programmable DSS/soft 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
Redial
Hot Line
Voice Message

Audio
Wideband ADC/DAC 16KHz sampling
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
LCD: 3.5-inch 320x480 IPS screen
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): 1.56~8.29 W
Power Consumption (Adapter): 0.97~6.08 W
Working Temperature: 0~45℃
Working Humidity: 10~95%
Installation:
- Desktop

Color: Black/White
Qty/CTN: 10 pcs
N.W/CTN: 8.15 kg
G.W/CTN: 9.10 kg
Device Dimensions:
- Desktop Stand (30°): 221x127.5x70.5 mm

Gift Box Dimensions: 168x228x85 mm
Outer CTN Dimensions: 476x445x188 mm (10 PCS)