Datasheet

UBIQCOM™

Hotel IP Phone

UBH802/W

G.722

Opus

Hotel IP Phone

UBIQCOM UBH802/UBH802W is a practical screenless hotel IP phone with a compact design. It features two programmable keys and supports wideband codecs G.722 and Opus. The UBH802W comes with built-in dual-band 2.4GHz&5GHz Wi-Fi and supports Wi-Fi 6, offering more stable wireless connectivity while significantly reducing network deployment costs for hotels. Its compact design minimizes space usage and supports desktop and wall-mounted installation, making it suitable for flexible deployments in various scenarios such as hotels, shopping malls, hospitals, and supermarkets, providing users with a convenient and efficient experience.

Highlights

- Elegant and fashionable product appearance
- 2 programmable soft keys for service hotline
- Built-in 2.4G& 5G Wi-Fi (Wi-Fi 6) (only UBH802W supports)
- Unique customized faceplate
- Support desktop and wall-mounted installation
- 10/100 Mbps port
- Support wideband codecs G.722 and Opus

Datasheet

Generic
2 SIP Lines
HD Voice
PoE (only UBH802 supports)
Built-in dual-band 2.4G&5G Wi-Fi 6 (only UBH802W supports)
Hand set / Hands-free
Intelligent DSS Keys (speed dial key)
Optional External Power Supply (UBH802 sold separately)

Phone Functions
Programmable DSS keys
Action URL / Active URI
Built-in dual-band 2.4G & 5G (Wi-Fi 6)
- 2.4G, 802.11 b/g/n/ax
- 5G, 802.11 a/n/ac/ax

Web dial
Dial plan
SIP Hotspot
Distinctive ring
Multicast
Built in Wi-Fi SSID (only UBH802W supports)
Speed Dial / Answer
Voice Message
Hot Line

Audio
Wideband ADC/DAC 16KHz Sampling
Narrowband Codec: G.711a/u, G.723.1, G.726, G.729A/B, 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: 10/100 Mbps Ethernet
IP Mode: IPv4/IPv6/IPv4&IPv6
IP Configuration: Static IP / DHCP / PPPoE
Wi-Fi Encryption: WPA /WPA2-PSK /802.X EAP
Network Access Control: 802.1x
VPN: L2TP / OpenVPN
VLAN: 802.1P/Q
LLDP
QoS
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: 5 keys, including
- 2 DSS keys
- 3 Function keys

(Up/Down/Hands-free)
MSG indicator (with red color LED) x1
Handset (RJ9) x1
Standard RJ9 Handset Cord x1
RJ9 Port x1: Handset x1
RJ45 Port x1: Network x1
Power: DC 5V 1A or PoE
Power Consumption (PoE):
- UBH802: 1.44W~2.7W

Power Consumption (Adapter):
- UBH802W: 0.9W~1.7W

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

Color: Black
Qty/CTN: 15 pcs
N.W/CTN:
- UBH802: 7.065kg
- UBH802W: 7.845kg

G.W/CTN:
- UBH802: 7.71kg
- UBH802W: 8.49kg

Device Dimensions: 195*181*30 mm
Gift Box Dimensions:
- UBH802: 105*58*226mm
- UBH802W: 105*58*266mm

Outer CTN Dimensions:
- UBH802: 340*315*245mm (15 PCS)
- UBH802W: 340*315*285mm (15 PCS)