

Hotel IP Phone

UBH803/W



Stylish and Compact

Hotel IP Phone

UBIQCOM UBH803/UBH803W is a practical screenless hotel IP phone with an elegant design. It features six programmable keys and supports wideband Opus HD audio codec. The UBH803W 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. It is 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
- 6 programmable soft keys for service hotline
- Built-in 2.4G & 5G Wi-Fi (Wi-Fi 6) (only UBH803W supports)
- Unique customized faceplate
- 10/100 Mbps port
- Support audio codec G.722 and Opus, handling varieties of audio applications
- UBH803 supports PoE power supply, while UBH803W supports DC power supply

Datasheet

Generic

2 SIP Lines
HD Voice
PoE (only UBH803 supports)
Built-in dual-band 2.4G&5G Wi-Fi 6(only UBH803W supports)
Hand set / Hands-free
Desktop Stand
Intelligent DSS Keys (speed dial key)
Optional External Power Supply (UBH803 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 UBH803W 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: 21 keys, including
12 Standard Phone Digits keys
6 DSS keys
3 Function keys
(Up/Down/Hands-free)
MSG indicator (with red color LED) x1
Handset (RJ9) x1
Standard RJ9 Handset Cord x1
1.5 M CAT5 Ethernet Cable x1
RJ9 Port x1: Handset x1
RJ45 Port x1: Network x1
Power: DC 5V 1A or PoE
Power Consumption (PoE):
UBH803: 1.44W~2.7W
Power Consumption (Adapter):
UBH803W: 0.9W~1.7W
Working Temperature: 0~45°C
Working Humidity: 10~95%
Installation: Desktop
Color: Black
Qty/CTN: 10 pcs
N.W/CTN:
UBH803: 7.39 kg
UBH803W: 7.97 kg
G.W/CTN:
UBH803: 7.92 kg
UBH803W: 8.5 kg
Device Dimensions: 128*195*49 mm
Gift Box Dimensions: 168*220*73 mm
Outer CTN Dimensions: 390*240*360 mm (10 PCS)