Datasheet

UBIQCOM™

# WIFI Hotel Phone

## UBH807W

Built-in 2.4G Wi-Fi

3.5-inch Color Screen

Support H.264 Video Decoding

HD audio

2 SIP Lines

PoE

# WIFI Hotel IP Phone

UBIQCOM UBH807W is a color screen Wi-Fi Phone. With all the necessary VoIP features and supports H.264 video decoding and built-in 2.4G WiFi, providing the high-quality and convenient experience for users at an affordable price.

It is more than a hotel phone and also can be applied in multiple scenarios, such as shopping mall, hospital and supermarket.

## Highlights

- 2 SIP lines, SIP hotspot
- 3.5-inch color display
- Hardware Video decoding (H.264,1080P)
- Support audio codec Opus: can handle a variety of audio applications,

  including IP voice etc.
- Built-in 2.4G Wi-Fi for IEEE 802.11b/g/n
- Dual Network ports, integrated PoE

# Datasheet

## Generic
2 SIP Lines
HD Voice
PoE
Handset / Hands-free mode
Power Supply

## Phone Functions
Call logs (In/Out/Missed, Max support 600 records in the web)
Programmable DSS/soft keys
Action URL / Active URI
Web dial
Dial plan
SIP Hotspot
Distinctive ring
Multicast

## Call Functions
Call out / Answer
Mute / Unmute
Call Hold / Resume
Speed Dial
Redial
Auto-Answering
Hot Line
Customized ring

## Audio
Wideband ADC/DAC 16KHz sampling
Narrowband codec: G.711A/U, G.729AB, iLBC, G.723.1, G.726
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)
Packet Loss Concealment (PLC)
Dynamic Adaptive Jitter Buffer
DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO
VQM voice quality monitoring

## Video
Hardware video decoding: H.264/H.265 (Optional)
Video call resolution: QVGA / CIF / VGA / 4CIF / 720P / 1080P

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

## 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
3.5-inch (480x320) color screen
Keypad: 26 keys, including
- 12 Standard Phone Digits keys
- 6 DSS key
- 4 Function keys ((Hold, Call Transfer, Redial, MWI)
- 3 Volume Control keys, Up/Down/Mute (with red color LED)
- 1 hands-free key

MSG indicator (with red color LED) x1
HD Handset (RJ9) x1
Standard RJ9 Handset Cord x1
RJ9 Port x1: Handset x1
RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
USB Port x1: Standard A x1
Power: 5V/2A or PoE
Power Consumption (PoE): 1.5W ~ 5.65W
Power Consumption (Adapter): 2.13W ~ 7.46W
Working Temperature: 0~45℃
Working Humidity: 10~95%
Installation: Desktop
Color: Black/white
Qty/CTN: 8 pcs
N.W/CTN: 7.31 kg
G.W/CTN: 8.25 kg
Device Dimensions: 151.7x193.2x131.7mm
Gift Box Dimensions: 225x210x125mm
Outer CTN Dimensions: 515x435x245mm (8 PCS)