

H601W IP Phone

The H601W is a compact, cost-effective, screenless IP phone designed for hotel use. It features two programmable keys and supports wideband Opus HD audio codec. The H601W 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 wall-mounted installation, making it suitable for flexible deployments in various scenarios. Beyond hotel applications, the H601W is also well-suited for use in malls, supermarkets, and similar environments.



HD Voice



Opus



2.4G&5G
Wi-Fi 6



IPv4/IPv6/
IPv4&IPv6



2 SIP Lines

Highlights

- ✓ Elegant and fashionable product appearance
- ✓ 2 programmable soft keys for service hotline
- ✓ Built-in 2.4GHz & 5GHz Wi-Fi (Wi-Fi 6)
- ✓ Unique customized faceplate
- ✓ Supports wall-mounted installation.
- ✓ Support audio codec G.722 and Opus, handling varieties of audio applications

Generic

- 2 SIP Lines
- HD Voice
- Built-in dual-band 2.4GHz&5GHz Wi-Fi

(Wi-Fi 6)

- Hand set / Hands-free
- Intelligent DSS Keys (speed dial key)
- Wall-mount Installation
- Optional External Power Supply(H601 sold separately)

Phone Functions

- Programmable DSS keys
- Action URL / Active URI
- Built-in dual-band 2.4G & 5G (Wi-Fi 6)
 - 2.4GHz, 802.11 b/g/n/ax
 - 5GHz, 802.11 a/n/ac/ax
- Web dial
- Dial plan
- SIP Hotspot
- Distinctive ring
- Multicast
- Built in Wi-Fi SSID
- 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 Cancellor (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, dual bridged port for PC bypass
- 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
- RTPC-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
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation:
 - Wall-mount
- Color: Black
- Qty/CTN: 10 pcs

FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC RF Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

For USA: The frequency stability of all transmission frequencies of U-NII-1, U-NII 2A, U-NII 2C and U-NII-3 meets the requirements of 47 CFR FCC Part15.407(g), and the manufacturer declares that their transmission is maintained at Band U-NII-1, U-NII 2A, U-NII 2C and U-NII-3.