

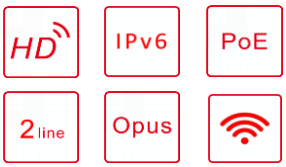
Fanvil H6W Wi-Fi IP Phone

Fanvil H6W 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. H6W 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



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)