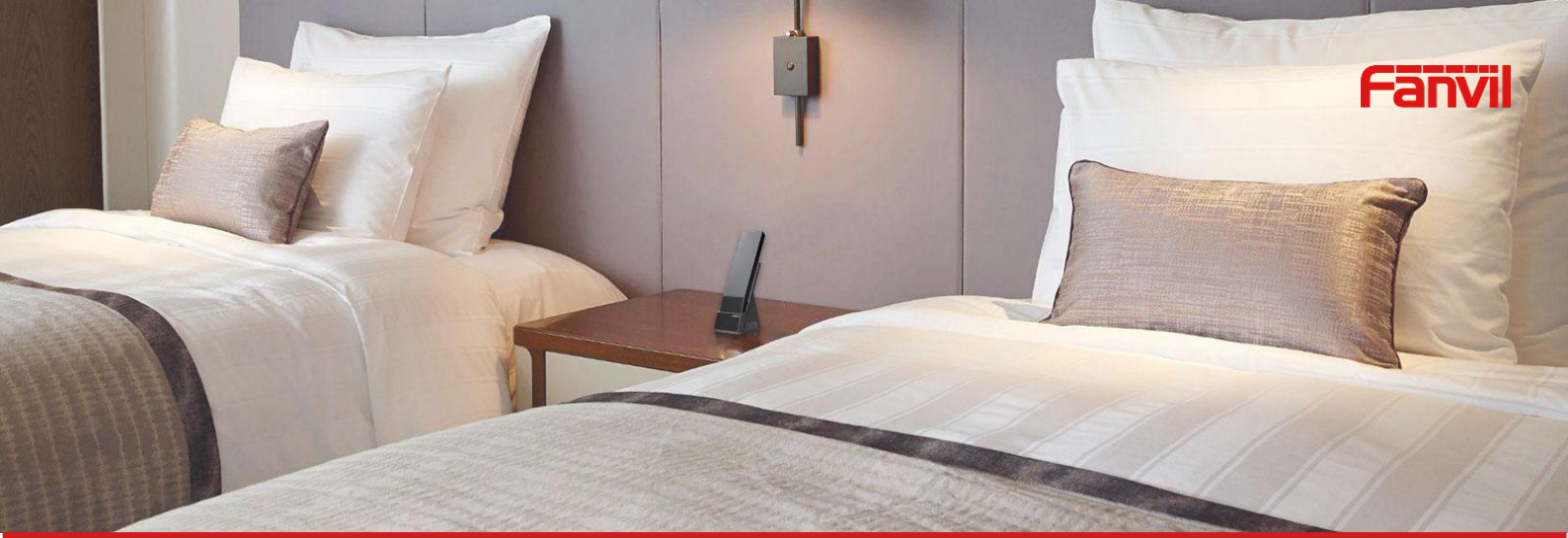


Fanvil H603W Hotel Wi-Fi Phone

Fanvil H603W is a hotel Wi-Fi phone with a cost-effective, multi-function, and elegant appearance. It is equipped with 6 programmable soft keys for the services hotline. H603W has built-in dual-band 2.4GHz & 5GHz Wi-Fi (Wi-Fi 6). It ensures stable and efficient communication in various wireless network environments with fast roaming capabilities. Made with antibacterial materials to effectively prevent bacterial growth, ensuring guest health and safety while enhancing the user experience. Additionally, it supports functions such as HD audio. It is also equipped with a high-capacity battery, offering long-lasting performance without pressure. This provides a high-quality user experience and reduces hotel deployment costs.



Highlights

- ☑ 6 programmable soft keys for service hotline
- ☑ Built-in dual-band 2.4GHz & 5GHz Wi-Fi (Wi-Fi 6)
- ☑ Made with antibacterial materials to ensure guest health
- ☑ Support IEEE 802.11k/v/r for fast roaming and automatic network switching
- ☑ Support WPA/WPA2-PSK and 802.1X EAP encryption for secure communication
- ☑ 1900mAh battery, 8.1 hours talk time, 159 hours standby*
- ☑ Base supports phone fast charging, up to 20W

*All test data are from internal tests in the Fanvil lab, the actual time is related to the application scenario

Generic

- 2 SIP Lines
- HD Voice
- Built-in dual-band 2.4GHz & 5GHz Wi-Fi (Wi-Fi 6)
- Hand set / Hands-free mode
- Intelligent DSS Keys (speed dial key)
- Standard Type-C interface
- Desktop charging dock
- Power adapter (12V/3A)

Phone Functions

- Programmable DSS/soft keys
- 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
- Action URL / Active URI
- Web dial
- Dial plan
- SIP Hotspot(client)
- Multicast
- Network time synchronization

Call Functions

- Call out / Answer
- Mute / Unmute
- Speed Dial
- Voice Message
- Hot Line

Audio

- Wideband ADC/DAC 16KHz sampling
- HAC controller
- 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
- Voice quality monitoring (VQM)

Network

- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP / PPPoE
- Wi-Fi Encryption: WPA /WPA2-PSK /802.1X EAP
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN: 802.1P/Q
- QoS
- LLDP
- RTCP-XR (RFC3611), VQ-RTCPXR(RFC6035)

Power Management

- Charging indication
- Fully charged indication

- Low battery indication
- Auto-power on when charging after abnormal shutdown

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: 24 keys, including
  - 12 Standard Phone Digits keys
  - 6 DSS keys
  - 5 Function keys (Up/Down/Mute /Answer/Hang up)
  - 1 hands-free key
- Charging dock x1
- Rechargeable lithium battery x1 1900mAh
- Power: DC 12V/3A (Dock power input)
- Charging port: Type-c
- Fast charging port: Type-A & Type-c, up to 20W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation:
  - Desktop
- Color: Black
- Qty/CTN: 6 pcs
- N.W/CTN: 3.61 kg
- G.W/CTN: 3.95 kg
- Device Dimensions:
  - Handset: 215*55*17.5 mm
  - Base: 144.5*61.5*94.5 mm
- Gift Box Dimensions：102*91*233mm
- Outer CTN Dimensions：295*224*243mm (6 PCS)