Wi-Fi Phone

H5W

Fanvil H5W is an 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.

Highlight

- 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
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

Specification

Generic
2 SIP lines
HD Voice
PoE
Handset / Hands-free mode
External Power Supply (Optional)

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

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

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

Network
10/100 Mbps Ethernet
IP Mode: IPv4/IPv6/IPv4&IPv6
IP configuration: Static IP / DHCP / PPPoE
Network Access Control: 802.1x
VPN: L2TP / OpenVPN
VLAN: 802.1P/Q
QoS
RTCP-XR (RFC3611), VQ-RTCPXR(RFC6035)

Audio

- Wideband ADC/DAC 16KHz sampling
- Narrowband codec: G.711A/U, G.729AB, iLBC
- Wideband codec: G.722, Opus
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction(NR)
- Full-duplex hands-free speakerphone with AEC
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIPINFO
- VQM voice quality monitoring

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 & Maintenance

- Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIPPNP/TR-069
- Web management portal
- Web-based packet dump
- Configuration export / import
- Firmware upgrade
- Syslog

Physical Specifications

- 3.5-inch (320x480) 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°C
- Working Humidity: 10~95%
- Installation: Desktop
- Color: Black/white
- Device Dimensions: 151.7 x 193.2 x 131.7 mm
- Gift Box Dimensions: 225 x 210 x 125 mm
- Outer CTN Dimensions: 515 x 435 x 245 mm (8 PCS)