

# 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)