



H3&H5 IP Phone

The new Fanvil H3&H5 IP Phone is a Hotel phone with succinct design and high cost performance greatly improve work efficiency.

Highlights

- ✓ Concise and fashionable product appearance
- ✓ Economical and Environmental friendly product concepts
- ✓ Easy installation and configuration
- ✓ Support for fast ethernet - adaptive 10/100mbps network port, support POE power supply.
- ✓ High Interoperability - Compatible with major platforms: 3CX, Broadsoft, Elastix, Asterisk, Xorcom, etc.

Model	Screen	Network	POE	Supply Power
H3	N/A	10/100Mbps	✓	×
H5	3.5" Color screen	10/100Mbps	✓	×



H3 (Black)



H5 (Black)



H3 (White)



H5 (White)

Generic

- 2 SIP Line
- POE Enable
- Color screen (H5)
- Handset / Hands-free mode
- Intelligent DSS Keys (speed dial key)
- Desktop
- Optional External Power Supply

Call Features

- Call out / Answer
- Mute / Unmute (microphone)
- Call Hold / Resume
- Call Waiting
- Call Transfer (Attended/Unattended)
- Speed dial
- Intercom
- Redial
- Voice Message (on server)
- Hot Line
- Hot desking

Phone Features

- Call logs with missed calls/ incoming calls/ outgoing calls.

Max support 600 records(web)

- Dial without registration
- LED light
- Programmable DSS keys
- Custom LCD display text and logo(Only support for H5)
- Action URL / Active URI
- Web dial

Audio

- Audio CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB, G.722
- Full-duplex Acoustic Echo Cancellor (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band - DTMF(RFC2833) / SIP INFO

Networking

- 10/100Mbps Ethernet, dual bridged port for PC bypass
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- QoS



DATASHEET

- WIFI: NA

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR069
- Web Management Portal
- Web-based Packet-dump
- Configuration Export / Import
- Firmware Upgrade
- Syslog

Physical Specifications

- LCD: 3.5inch (480x320) color screen (H5)
- Keypad: 26 keys, including

- 6 DSS Key
- 4 Function keys (Hold, Call Transfer, Redial, MWI)
- 12 Standard Phone Digits keys
- 3 Volume Control keys, Lower/Increase/Mute (Microphone)
- 1 Hands-free

- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- RJ9 Port x1: Handset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- USB Port x1: Standard A, Only used for mobile phone charging
- DC Power Input: 5V / 1A
- Power Consumption: Idle 1.8W~2.5W, Peak 3W~4.5W
- Working Temperature: 0~40°C
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Color: Black/White
- Qty/CTN: 8 pcs
- N.W/CTN:
 - H3: 7.2 kg
 - H5: 7.36 kg
- G.W/CTN:
 - H3: 8.28 kg
 - H5: 8.52 kg
- Device Dimensions: 151.7x193.2x131.7mm
- Gift Box Dimensions: 225x210x125mm
- Outer CTN Dimensions: 515x435x245mm (8 PCS)



Fanvil H3W Wi-Fi Phone

Fanvil H3W is a Wi-Fi Phone. With all the necessary VoIP features and built-in 2.4G Wi-Fi, 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.

Highlights

- ✓ 2 SIP lines, SIP hotspot
- ✓ 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.



Generic

- 2 SIP Lines
- HD Voice
- PoE
- Handset / Hands-free mode
- Power Supply

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

Call Functions

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

Audio

- Wideband ADC/DAC 16KHz sampling
- Narrowband codec: G.711A/U, G.729AB, 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)

- 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
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN: 802.1P/Q
- QoS
- RTP-XR (RFC3611), VQ-RTPXR (RFC6035)
- WIFI: WI-FI Security Mode: WPA / WPA2-PSK / 802.X EAP

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

- Web management portal
- Web-based packet dump
- Configuration export / import
- Firmware upgrade
- Syslog

Physical Specifications

- 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
- 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
- Qty/CTN: 8 pcs
- N.W/CTN: 7.2 kg
- G.W/CTN: 8.32 kg
- Device Dimensions: 151.7x193.2x131.7mm
- Gift Box Dimensions: 225x210x125mm
- Outer CTN Dimensions: 515x435x245mm(8 PCS)