



Fanvil

## H2U IP Phone

The Fanvil H2U IP Phone is a Hotel phone with succinct design and high cost performance greatly improve work efficiency. Supports 100Mbps of Ethernet, 2 SIP accounts, PoE power supply and other rich functions, compatible with mainstream IP-PBX/softswitch/IMS platform, easy to install and use.

### Highlights

- ✓ Exquisite and fashionable product appearance
- ✓ Easy installation and configuration
- ✓ Economical and Environmental friendly product concepts
- ✓ Can store 10 shortcut numbers, long press to achieve speed dial
- ✓ Adaptive 10/100Mbps network port, support POE power supply
- ✓ Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.



Model	Network	PoE	Power adapter
H2U	10/100 Mbps	✓	—

### Generic

- 2 SIP Lines
- HD Voice
- PoE Enabled
- Handset / Hands-free mode
- Intelligent DSS Keys
- Desktop/wall mount mode
- Optional External Power Supply

### Phone Functions

- Call logs (In/Out/Missed, Max support 600 records in the web)
- Programmable DSS
- Action URL / Active URI
- Web dial

### Call Functions

- Call out / Answer
- Mute / Unmute
- Hands-free / Cancel hands-free
- Call Hold / Resume
- Speed Dial
- Redial
- Auto-Answering
- 3-way Conference
- Hot Line
- Hot desking

### Audio

- Narrowband Codec: G.711a/u, G.726, G.729A, iLBC
- Wideband Codec: G.722, Opus

- Acoustic Echo Canceller (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

### 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
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR(RFC6035)

### Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- 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: 19 keys, including
  - 12 Standard Phone Digits keys(0-9: Speed dial configuration on webpage)
  - 3 Function keys (Hands-free , Redial , Hold)

- 3 Volume Control keys, Up/Down/Mute(with red color LED)
- 1 DSS key
- Status indicator (two-color LED) x1
- HD Handset (RJ11) x1
- Standard RJ11 Handset Cord x1
- RJ11 Port x1
- RJ45 Port x1
- Power: 5V/2A or PoE
- Power Consumption(PoE): 1.58W~3.47W
- Power Consumption(Adapter): 0.87~2.23W
- Working Temperature: 0~45°C
- Working Humidity: 10~90%
- Installation: Desktop/wall mount
- Color: Black/white
- Device Dimensions: 55.8 x 215 x 57.8mm
- Gift Box Dimensions: 224 x 75 x 62 mm
- Outer CTN Dimensions: 335 x 323 x 243 mm(20 PCS)

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products. For more information, please visit: [www.fanvil.com](http://www.fanvil.com)

### Compatibility List:

