



SIP-H680

Portable wireless IP phone H680, equipped with Linux System.
 Optional 4G LTE Full Netcom IOT SIM card or modules of dual-band Wi-Fi(2.4G&5G) 802.11a/b/g/n.
 Support remote roaming.
 2.4 inch color LCD, smooth colorful Icons, comfortable appearance.
 Prolific functionality.
 Super long standby time.
 Applicable to all kinds of mobile communication places.




Dual band Wi-Fi
2.4G & 5G
Roaming optimization




2 SIP accounts
2 call lines

HD
HD audio, acoustic
echo elimination,
noise reduction



4G LTE
Full Netcom



3000mA rechargeable battery,
10 hours of talk time



3.5mm headset,
Type-C interface

Model	Network	Power Supplier	Power Adapter
SIP-H680W	WiFi	Built in battery	√
SIP-H680L	LTE	Built in battery	√

LV Switches Inc.

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Official website



WeChat public account

Protocols and Standard

- SIP RFC3261
- TCP/IP/UDP
- RTP/RTCP
- HTTP/HTTPS
- ARP
- ICMP
- DNS (A record, SRV, NAPTR)
- DHCP
- TFTP
- NTP
- STUN
- SIMPLE
- LDAP
- TR-069
- 802.1x
- TLS
- SRTP
- Ipv6
- LLDP-MED

Audio features

- HiFi : HD handle, HD hands free, HD headset
- Wide band codec: G.722, Opus
- Narrow band codec: G.711(A/μ), G.723.1, G.729AB, G.726, iLBC
- DTMF: In-band, RFC 2833, SIP INFO
- Full duplex handsfree
- Automatic Echo Cancellation(AEC)
- Voice Activity Detection(VAD)
- Comfort Noise Generator(CNG)
- Packet Loss Concealment(PLC)
- Background Noise Evaluation(BNE)
- Automatic Gain Control(AGC)
- Dynamic adaptation RTP jitters buffer up to 300ms

Display

- 2.4" (240×320) TFT color display

WiFi

- Built in dual band Wi-Fi (2.4GHz&5GHz) 802.11a/b/g/n(Option: SIP-H680W)

Keys and sensors

- 2 Soft key
- Dial and Hung-up Key
- Speaker, Voice Message and Delete Key
- Transfer, Mute and Cut-Answer Key
- 12 standard digital Key
- 5 Navigation Key
- 2 Volume ± Key

LTE

- 4G LTE full Netcom SIM card (Option: SIP-H680L)

Auxiliary Port

- 3.5mm Headset
- Type-C

Multi-language

- Simplified Chinese / Traditional Chinese / English / Turkish / Korean/Russian / French / Italian / German / Polish / Portuguese/Japanese / Spanish / Thai / Hindi / Arabic / Vietnamese

Safety Protection

- User and administrator level passwords
- Authentication of MD5 and MD5-sess
- 256 bit AES Security profile
- SRTP、TLS Call encryption
- 802.1x Media access control

QoS

- 802.11e and 3-layer QoS (ToS, DiffServ, MPLS)

Fall resistance

- 1.3m throw-proof

Upgrade / Configuration

- Upgrade by TFTP / HTTP / HTTPS
- PnP Automatic Deploy
- Web upload firmware via TR-069 or AES Encrypted XML massive Deploy

Standards and Certifications

- FCC, CE, ROHS

Telephone functions

- Push to talk, Emergency call
- Hold
- Transfer SIP-H680• Call forwarding
- 5 party conference
- Phone book download(XML, LDAP, 1000 records)
- Call waiting
- Call log(1200 pcs)
- Off hook auto dial
- Automatic response
- Click the telephone function Key to dial
- Flexible dialing rules
- Personalized music ringtones and hold tones
- PTT and Multicast

Energy Saving

- Universal power adapter input: 100-240VAC Output: +5VDC, 1A (5W)
- 3000mA Lithium-ion battery,
- Talk time: 10h

Product specification

- Handset phone size: 160mm*55mm*24mm
- Charge base size: 116mm*100mm*106mm
- Net weight of handset: 0.14kg
- Net weight of handset phone and charge base: 0.30kg

Color

- Black and white available
- Other colors support customization

Temperature & Humidity

- Working Temperature: 0~45°C
- Working humidity: 10~90% (non condensing)
- Storage temperature: -20~60°C
- Storage temperature: 10~90% (non condensing)

Packing list

- Handset phone
- Adapter
- Charger base
- Type-C cable
- 1 lithium ion battery
- Quick Start Guide