

SIP-H680

Portable wireless IP phone H680,
equipped with Linux System.
4G LTE Full Netcom IOT SIM
Or WiFi (dual frequency 2.4GHZ&5GHZ)
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.



Built in WiFi
Dual frequency 2.4G&5G



2 SIP accounts
2 call lines

HD

HD audio, acoustic
echo elimination,
noise reduction

FOTA

Over the air download
software upgrade



4G LTE Full Netcom



**2000mA rechargeable
battery**



Type-C interface



**Support
five-party meetings**

Model	Network	Power Supplier	Power Adapter
SIP-H680W	Wi-Fi	Built in battery	√
SIP-H680L	LTE	Built in battery	√
SIP-H680W&L	Wi-Fi+LTE	Built in battery	√



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 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 WiFi (dual band 2.4G&5G)
- 802.11a/b/g/n

Keys and sensors

- 2 Soft key (the upper left and upper right keys)
- 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

- Support 4G LTE full Netcom SIM card
- SIM card size: 12.3mm x 8.8mm

Auxiliary Port

- Type-C

Multi-language

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

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
- FOTA

Standards and Certifications

- FCC, CE, ROHS

Telephone functions

- Push to talk, Emergency call
- Hold
- Transfer 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)
- 2000mA Lithium-ion battery,
- Talk time: 48h

Product specification

- Handset phone size: 153mm*55mm*15mm
- Charge base size: 85mm*62mm*86.7mm
- Net weight of handset: 0.14kg
- Net weight of handset phone and charge base: 0.26kg

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
- Clip belt