


Product	2.4GHz Wi-Fi VoIP Phone	
Model No.	SI-680H	

Features

	IEEE 802.11b (2.4GHz)
General	
Media Access Control	CSMA/ CA
Compatibility	WECA (Wi-Fi) Compliant IEEE802.11b Compliant
Regulations	FCC Part 15/UL, ETSI 300/328/CE Wi-Fi certified
Power Supply	Rechargeable Li-Ion 3.7V Battery
Data Rate	11, 5.5, 2, 1Mbps, auto-fallback
Power Consumption	Typical: Talk: 340~360mA Standby: <4.5mA Maximum: Talk: 340~360mA Standby: <10mA
Radio, Frequency and Output Power	
Frequency Band	2.4GHz ~ 2.497GHz
Modulation Techniques	DSSS (CCK, DBPSK, DQPSK)
Channels	U.S: 11 (1 ~ 11) Europe: 13 (1 ~ 13) Japan: 14(1 ~ 14) France: 4 (10 ~ 13)
Output Power	Transmit Power Control (20mW~100mW) 20dBm(100mW)—FCC; 20dBm(100mW)—CE
Sensitivity	11 Mbps <-80dbm 5.5 Mbps <-83dbm

	2 Mbps <-85dbm 1 Mbps <-87dbm
Wireless LAN	
SSID Channel TX Rate Wireless Mode ◆ Ad_hoc ◆ Infrastructure Site Survey Roaming Setup Encryption QoS	
Network	
IP Address ◆ DHCP Client ◆ Static IP	
SNTP Client ◆ With four servers	
FTP Client for firmware upgrade Web firmware upgrade	
DNS	
Management	
Telnet support	
Web Interface support	
Security	
WEP key(64/128 bits)	
WPA(PSK)	
Phone Lock	
Roaming	
IEEE802.11f (IAPP) for layer 2 handover Proprietary layer 3 handover	
Quality of Service	
Proprietary EDCF IEEE802.11e (optional)	
Call Control Protocols	

<p>SIP</p> <ul style="list-style-type: none"> ◆ RFC 3261 (and 2543) conformant UA ◆ SIP Username ◆ Registrar Username ◆ Registrar Password ◆ Registrar Realmname ◆ Registrar IP Address and port ◆ Registration Status <p>SIP Proxy</p> <ul style="list-style-type: none"> ◆ Proxy IP address and Port ◆ Proxy Status ◆ OutBound Proxy IP address and Port
<p>NAT Traversal</p> <ul style="list-style-type: none"> ◆ OutBound Proxy IP address and Port ◆ STUN
<p>Media Protocols</p>
<p>RTP</p>
<p>DTMF</p>
<p>Inband</p>
<p>Outband</p>
<p>Call Features</p>
<p>Make call/ Hangup call</p>
<p>Accept call/ Reject call</p>
<p>Call Hold (optional)</p>
<p>Call Transfer (optional)</p>
<p>Call Forward (optional)</p>
<p>Instant Messaging (Conforming to the SIMPLE standard, max. 256 characters)</p>
<p>MMI</p>
<p>Menu:</p> <ul style="list-style-type: none"> ◆ Call history ◆ Phone setting ◆ SIP setting ◆ Network setting ◆ WLAN setting ◆ System Time ◆ System information

<p>Phone Book:</p> <ul style="list-style-type: none"> ◆ Phone book: Browse, Create, View ◆ Action menu: View, Edit, Delete ◆ Edit menu: Name, URL
<p>Profiles:</p> <ul style="list-style-type: none"> ◆ Key lock/unlock ◆ Speaker volume ◆ Ring melody ◆ Vibrator On/OFF ◆ Profile add/delete/edit
<p>World Time</p> <ul style="list-style-type: none"> ◆ SNTP client
<p>Multi Language</p> <ul style="list-style-type: none"> ◆ English ◆ Traditional Chinese (optional) ◆ Simplify Chinese (optional) ◆ Japanese (optional)
<p>Input Method</p> <ul style="list-style-type: none"> ◆ English
<p>Audio</p>
G 711 A-ulaw / Appendix I-II
G 729 AB
G 723.1
G.726-16, 24, 32, 40
SPEEX (optional)
Echo Cancellor
Jitter Buffer
VAD(Voice Activity Detection) (optional)
CNG (Comfort Noise Generation) (optional)
System Interface
Serial port
JTAG
Charger port
Keypad
20 keys

LCD	
64x128 Graphical LCD	
Battery	
Li-Ion 1040mA	
Accessories	
Headset, Traveler Charger, Charger Cradle (optional)	
Environmental Specifications	
Temperature Range	0°C to 45°C (32°F to 131°F) – operating -20°C to 70°C (-4°F to 140°F) – storage
Humidity (non-condensing)	5%~95% typical
Physical Specifications	
Dimensions (H*W*L)	20*44*125mm
Weight	98g