

### Phone Features

- Up to 4 simultaneous calls
- Up to 2 simultaneous calls per handset
- Up to 5 handsets
- Up to 5 VoIP accounts
- Handset select for receiving call
- Handset and Number select for making call
- Paging, Intercom, Auto answer
- Call hold, Call transfer
- Three-way conferencing
- Switching between calls
- Call waiting, Mute, DND
- Caller ID display, Redial
- Anonymous call, anonymous call rejection
- Call forward (always/busy/no answer)
- Speed dial, Voicemail, Silence
- Message Waiting Indication (MWI)
- Local phonebook for up to 500 entries (store in the base)
- Remote phonebook
- Phonebook search/import/export
- Call history (outgoing/missed/accepted)
- Direct IP call without SIP proxy
- Reset to factory, Reboot
- Keypad lock, Emergency call
- Dial Plan
- Music on hold (server-based)
- Broadsoft directory, BroadSoft Call Log
- Broadworks feature key synchronization
- Shared Call Appearance (SCA)

### Personalization

- 9 ringer melodies
- Screen saver, two kind of color schemes
- Multi-language support

### Management

- Auto-provision via FTP/TFTP/HTTP/HTTPS
- Auto-provision with PnP
- Handset upgrade:  
OTA (Over-The-Air)/USB port
- Configuration:  
browser/phone/auto-provision
- Trace package and system log export

### Voice and Codecs Features

- Full-duplex speakerphone
- Receiver volume control: 5 steps
- Ringer volume control: 5 steps+off
- Multiple advisory tones
- Acoustic warning for low battery status
- DTMF
- Wideband codec: G.722
- Narrowband codec:  
G.711μ/A, G.723, G.726, G.729, iLBC
- VAD, CNG, PLC, AJB
- AEC (supported by W52H)
- Support VQ-RTCPXR (RFC6035), RTCP-XR

### Network Features

- SIP v1 (RFC2543), v2 (RFC3261)
- SNTP/NTP
- VLAN (802.1Q and 802.1P)
- 802.1x, LLDP
- PPPoE (supported by V73 and V80 version)
- STUN Client (NAT Traversal)
- UDP, TCP
- IP assignment: static/DHCP

### Security

- Open VPN
- Transport Layer Security (TLS)
- HTTPS (server/client)
- SRTP (RFC3711)
- Digest authentication
- Secure configuration file via AES encryption
- Admin/Var/User 3-level configuration mode

### DECT

- Frequency bands:  
1880 – 1900 MHz (Europe),  
1920 – 1930 MHz (US)
- DECT Standards: CAT-iq2.0

### Connectors

- 1 x RJ45 10/100M Ethernet port
- Power over Ethernet (IEEE 802.3af), Class 2
- Headset jack (2.5 mm)

### Physical Features

- Indoor Range: 20m~50m  
(The ideal distance is 50m)
- Outdoor Range: 300m (In ideal conditions)
- Standby Time: 100h (In ideal conditions)
- Talk Time: 5~10h (The ideal talk time is 10h)
- 1.8" 128x160 pixels color display
- Desktop or wall mountable
- LCD backlit, key backlit
- Energy-saving ECO mode/ECO Mode+
- 12 key numerical keypad, 5 navigation keys  
2 softkeys, 6 function keys, 6 shortcut keys
- 3 LEDs on Base:  
1 x power, 1 x Network, 1 x Call
- Base station: DC 5V/600mA Output
- Charger: DC 5V/600mA Output
- Color:  
Handset: Alabaster Silver; Base: Classic Grey
- Phone size: 144mm x 50mm x 24mm
- Base station size:  
153.5mm x 108.5mm x 45mm
- Operating humidity: 10 ~ 95%
- Operating temperature: 0 ~ +40°C

### Package Features

- Package content:  
- W52H Handset  
- Base Station  
- Charger Cradle  
- Two Power Adapters (one is optional)  
- Belt Clip  
- Ethernet Cable  
- Two Rechargeable Batteries  
- Quick Start Guide
- Qty/CNT: 10pcs
- Giftbox size: 214mm\*200mm\*101mm
- Carton meas: 529mm\*410mm\*223mm
- N.W: 7.4 kg
- G.W: 8.1 kg

### Special Features

- Increase range with up to 5 repeaters

### Certifications

