Wireless Characteristics

WLAN Type
- 802.11b/g

WLAN Data Rate
- 1, 2, 5.5, 11 Mbps for 11b
- 6, 9, 12, 18, 24, 36, 48, 54 Mbps for 11g

WLAN Sensitivity
- -68dBm for 11g 54Mbps, -83dBm for 11b 11Mbps, -91dBm for 1Mbps

Transmission Power
- 15dBm for 1Mbps

WLAN Operating Frequencies
- USA/Canada: 2.412 MHz – 2.462 GHz (11 channels)
- Europe: 2.412 – 2.472 GHz   (13 channels)
- Japan: 2.412 – 2.472 and 2.484 GHz (14 channels)

Network Characteristics

Security:
IEEE 802.1x, WEP 64/128,
HTTP 1.1 Basic/Digest Authentication,
MD5 for SIP Authentication, IEEE 802.1x
NAT Traversal: STUN (RFC3489), Outbound Proxy
IP Assignment: DHCP, Static IP

Performance Characteristics

Battery
- 3.7v, 1200mAh Li-on

Standby Time
- Up to 100 hours
- *Actual time may vary under different operating environment*

Talk Time
- Up to 5 hours
- *Actual time may vary under different operating environment*

Operation Range
- Outdoor: 300m. Indoor: 75m

Voice Characteristics

VoIP Protocol: SIP (RFC 3261)
Codec:
G.711u-law, G.711a-law, G.723.1 5.3K, G.723.1 6.3K, G.729 a/b
Voice Quality:
VAD(Voice Activity Detection),
CNG (Comfort Noise Generation),
AEC(Acoustic Echo Cancellation) G.167,
LEC G.168, Jitter Buffer
QoS: 802.11e

Phone Features

Language: English, Chinese
Wifi Wizard, Call History, Phonebook, Short Message, PIM/Game, PC-Sync, Micro-Browser
Auto Provision: FTP

Video Features

Soft-DSP MP4 module – for IPTV or multimedia-over-IP applications
(MS6050/6060/6070)

Tone Features

Polyphonic Ring Tones, DTMF, Ring Back Tone, Dial Tone, Busy Tone, Key Tone

Call Features

Call Hold, Call Mute, Call Retrieve, Call Transfer, Call Waiting, Call Forward, Caller ID Display, Call Barring
Redial, Speed Dial, Direct IP Call

Physical Characteristics

Phone: Bar Type Design
Antenna: Embedded
Dimension: 113.5 * 51.6 * 17.4 mm
Weight: 105g w/ battery
AC Adaptor: Input AC 100-240V 50-60 Hz,
Output DC 5V 1000mA
LCD Display: 2.2" TFT Color, 16-bit 65,536 colors, 176*220
Keypad: 24 Keys

Environmental Characteristics

Operating Temperature: 0 ~ 45 °C
Storage Temperature: -20 ~ 60 °C
Operating Humidity: 20% ~ 80%

Regulatory

EMI/RFI: FCC Part 15 Class B, CE Class B, VCCI Class B, TELEC, EN60905

Specifications are subject to change without further notice.