

Wireless Characteristic

Signal type: 802.11b/g
 Data Rate: 1, 2, 5.5, 6, 11, 12, 22, 24, 54 Mbps
 Operating Frequencies:
 - USA/Canada: 2.412MHz-2.462 MHz (11 channels)
 - Europe: 2.412-2.472 GHz (13 channels)
 - Japan: 2.412-2.472 GHz and 2.484 GHz (14 channels)

**Phone Functions**

Ring tone/Vibrator switch
 Key lock
 Pre-dial before sending
 Handset / Speakerphone Volume adjustment
 Speed dial (10 records)
 Phone book (200 records)
 Call history (Incoming calls / Outgoing calls / Missed calls)

Advanced Applications

JAVA virtual machine for JAVA applications
 JAVA OTA supported for applications download
 Organizer
 Tools
 Message

Dial Methods

Direct IP call without SIP registration
 Dial registered number via SIP server
 Dial URI from phone book / speed dial

Power Supply

Rechargeable battery: 3.7V,
 1050mAh Li-Polymer
 Talking time: 4 hours
 Standby time: 70 hours
 RF output power: 32mW

Physical Dimensions

Size: 105(L) x 45(W) x 19(H) mm
 Weight: 100g
 Color: Silver

VoIP Protocol

IETF SIP (RFC3261)

LCD Display

LCD Type: TFT-LCD
 Display size (Diagonal): 1.8 inch
 Display Color: 262.144 colors
 Format: 132RGB x 176-dot graphics display on TFT LCD
 Display type: Transflective
 Backlight: LED

Key Pad

23 keys

Connector Interface

18 pins connector for power charging and data transmitting

Call Features

Call Hold (melody or tone)
 Call Mute
 Call Retrieve
 Call Transfer (Unattended / Blind & Attended)
 Call Waiting
 Call Forward (Busy / No Answer /Unconditional)
 Caller ID Display
 Caller ID Blocking
 Anonymous Call Blocking
 Out-of-band DTMF (RFC 2833)
 Message Waiting Indicator
 3-way Conference
 Redial
 Full duplex Speaker Phone

Codec

G.711 μ -law, G.711a-law, G.723.1 (5.3k), G.723.1 (6.3k), G.729a/b

SIP Server Support

Registrar Server (setting from web)
 Outbound Proxy (setting from web)
 Hardware AES

Security

HTTP 1.1 basic/digest authentication for Web setup
 MD5 for SIP authentication (RFC 2069/ RFC 2617)
 IEEE 802.1x, 802.11i
 Wired Equivalent Privacy (WEP)
 64/128 bit encryption
 SIPS, sRTP

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Voice Quality

VAD (Voice Activity Detection)
CNG (Comfort Noise Generation)
AEC (Acoustic Echo Cancellation)
G.168 Jitter buffer
QoS
ToS field

Tone

DTMF
Ring Tone, 32 polyphonic tones +MP3
Ring Back Tone (local and remote)
Dial Tone
Busy Tone
Key Tone (Beep/DTMF)

IP Assignment

Static IP
DHCP
PPPoE

NAT Traversal

UPnP
STUN

TCP/IP

IP/TCP/UDP/DHCP/RTP/RTCP/IC
MP/HTTP/SNTP/TFTP/DNS

Configuration

Key & LCD configuration
Web browser configuration
Auto/Manual provisioning system

Firmware Upgrade

TFTP / FTP / HTTP
Auto/Manual provisioning system

Power Management

802.11b/g compliant power management and
enhanced power management

Charger

Input AC 110-220V
Output DC 5V 1.4A

Certification Compliance

FCC Part 15 Class B
CE Class B
VCCI Class B, TELEC
EN60950