



TURBOWAVE



A fully-featured wireless VoIP phone that pushes the limits of range and battery performance.

Driven by a highly integrated System-on-a-Chip, specially designed for wireless VoIP handsets, enabling a complete phone design with very few external components. A light, slim single piece design, provides higher performance, lower power consumption, smaller footprint, and lower overall cost than other solutions in the market today.

Network Features

Compatibility
WECA (Wi-Fi) Compliant
IEEE802.11b Compliant

Data Rates

11, 5.5, 2, 1Mbps
auto-fallback

Power Consumption

Typical
Talk : 340450mA
Standby : <4.5mA
Maximum:
Talk : 340450mA
Standby : <4mA

Certifications

Wi-Fi
FCC Part 15/UL
ETSI 300/328/CE

Frequency Band

2.400 2.484 GHz

Media Access Protocol

Carrier Sense Multiple Access
with Collision Avoidance
(CSMA/CA)
Modulation Technology
DSSS (CCK, DBPSK, DQPSK)

Operating Channels

U.S: 11 (1 11)
Europe: 13 (1 13)
Japan: 14(1 14)
France: 4 (10 13)

Receive Sensitivity

(Typical)
-90dBm @ 1Mbps
-80dBm @ 11Mbps

Output Transmit Power

20dBm (100mW)

Security

WEP 64/128bits
WPA-PSK

VoIP Protocol

SIP 2.0
RFC 3261 Conformant UA

IP Configuration

DHCP Client
Static IP

Call Features

Audio
G 711 A-law/ μ -law
G.729ab
G.726
G.723
Variable Jitter Buffer
VAD
CNG
Echo Cancellor
G.168 Compliant
DTMF
In-band DTMF
Out-band DTMF
NAT Transversal
Outbound Proxy
STUN

Call Features

Call Hold
Call Waiting
Call Transfer
Call Forward
Instant Messaging
(Conforming to the SIMPLE standard)

Phone Features

Management
MMI Configuration
Web Interface Configuration
Telnet Configuration
Upgrade Firmware via Web-
browser or FTP
Battery
Rechargeable Li-Ion 3.7V
Battery
100+ Hours Standby Time
3.2 Hours Talk Time
MMI
Menu
Phone Book
Call History
WLAN Setting
SIP Setting
Key Lock
Speaker Volume
Vibrator On/Off
Ring Melody
SNTP Client Setting

