

Paragon Wireless delivers customizable, cost-effective VoWLAN handsets and solutions, which are readily deployable with a user-friendly interface. Paragon Wireless is funded by leading VC firms and managed by experienced industry leaders. With our first-to-market commercialization of SIP/IMS-based dual mode solutions for both GSM and CDMA, Paragon Wireless addresses the market with an extensive IP portfolio and standards compliant innovations.

## Hardware Specification

- Intel PXA27x Processor
- 2.4 inch TFT Touch Screen, 320X240 QVGA, 260k Colors & Backlit
- Built-In Speaker/Microphone, 2.4mm Stereo Headset
- 1.3M Pixel CMOS Camera

## GSM/GPRS Specification

- Tri-band: 900/1800/1900MHz
- GPRS
- Class 10
- SIM Card
- FTA/CTA/FCC/CE Certification

## GSM/WLAN Convergence Features

- Simultaneously Active GSM/GPRS and WLAN Radio Interfaces
- Incoming Calls from Both GSM and WLAN/VoIP
- Automatic and Manual Switch for Outgoing Voice Calls between GSM and WLAN
- Automatic and Manual Switch for Data Applications using GPRS or WLAN
- Unified Phone Book

## Power Supply

- 1100 mAh Li-Ion Battery:
  - 4 Hours Talk Time
  - 100 Hours Standby (both GSM and WLAN are active)

## Peripheral Support

- USB Slave
- Mini SD Memory

## WLAN Specification

- Wireless Access Protocol: IEEE 802.11b/g
- RF Channels: US: 11, ETSI: 13, Japan: 14
- Security: WEP/WPA/802.1x
- Power Saving Modes
- QoS: WME
- Fast Roaming between Access Points
- Quick and Easy Search of APs

## VoIP Support

- SIP: IETF RFC 3261
- Acoustic Echo Cancellation
- Codecs G.711, G729a/b, G.723, AMR, LPC
- Dynamic Jitter Buffer
- Voice Activity Detection

## Phone Setting

- Phone Lock
- Phone Mode: Normal, Meeting, Office, Car, Custom
- Touch Panel Tone
- Call Connect Alert
- Minute Alert
- Low Battery Alert
- Volume Adjustment: Speaker/Receiver Volume

## Data Application Features

- SMS & MMS
- WAP Browser
- Email
- Internet Browser: HTML4.01, JavaScript1.5, SSL3.0, HTTP1.1, CSS1.0

## Call Features

- Call Hold
- Call Forward/Transfer
- Call Waiting
- 3-Way Conferencing
- Phone Book (up to 1000 Entries with Photos)
- Incoming Call Prompt with Picture
- Call Mute
- Auto-Answer/Flip Answer
- View Phonebook during Call
- Enter Sketch Pad during Call
- Adjust Volume during Call
- Quick Silence
- Speed Dial
- Manual/Auto/Earphone Redial
- Call History (20 entries)

## Camera

- Shortcut Key for Viewer
- Camera Auto Power Off
- LCD Control during Camera Mode
- Image Quality (Fine, Super Fine, Normal)
- Self Timer
- Flicker Control
- 5-Level Brightness Control
- Filtering (Monochrome/Normal)
- 4-Level Zoom Support
- 3 Shutter Tone Support
- Retake
- Mirror
- Rotate
- Camera Light
- Consecutive Shoot

## Multimedia Features

- MP3/MP4 Player
- Video Camcorder
- Supported Picture Formats: WBMP, BMP, JPEG, GIF
- Supported Sound Formats: WAV, MIDI, AMR, MP3
- Video Support: MPEG4/3GPP Encoder/Decoder (Real-time Encoding to Mini SD)

## PIM Features

- Calendar
- Alarm Clock
- Voice Recorder
- Currency Converter
- Anniversary

## Other Features

- Calculator
- World Clock
- Notepad
- Sketch Pad
- File Transfer
- Stop Watch
- Timer

