

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

- Texas Instruments OMAP 730 Processor
- 1.9 inch 176x220 TFT LCD
- Built-In Microphone/Speaker
- 1.3M Pixel CMOS Camera
- Dimensions: 107 x 45 x 16 mm

GSM/GPRS Specification

- Quad-band: 850/900/1800/1900MHz
- 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 Management

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

Peripheral Support

- USB Slave
- T-FLASH Memory

WLAN Specification

- Wireless Access Protocol: IEEE 802.11b/g
- RF Channels: US: 11, ETSI: 13, Japan: 14
- Security: WEP/WPA/WPA2/802.1x
- Power Saving Modes
- Fast Roaming between Access Points
- Quick and Easy Search of APs

VoIP Support

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

Security

- Support VPN (IP Sec.)
- Support IP Sec/IKE NAT Pass Through

Phone Setting

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

Data Application Features

- SMS & MMS
- WAP Browser
- Outlook Email
- Embedded Internet Explorer
- Pocket MSN

Call Features

- Call Hold
- Call Forward/Transfer
- Call Waiting
- 3-Way Conferencing
- Phone Book
- Incoming Call Prompt with Picture
- Call Mute
- View Phonebook during Call
- Enter Sketch Pad during Call
- Adjust Volume during Call
- Speed Dial
- Manual/Auto/Earphone Redial
- Call History

FMC Support

- Seamless GSM and VoIP handover (manual & automatic)
- Support leading FMC partners' servers

Camera

- Shortcut Key
- 1.3M Pixel CMOS
- 4 level digital zoom (depends on display size)
- Self Timer
- Burst Mode
- Support Environment/Effect (Normal, Monochrome, Night, Sepia)
- 7-level Brightness Control

Multimedia Features

- Windows Media Player
- Support Sound Format: MP3, wma
- Support Video Format: MP4, ASF, WMV, AVI
- Support Picture Format: Jpeg, GIF, BMP

PIM Features

- Calendar
- Alarm Clock
- Voice Recorder
- Microsoft ActiveSync® compatible

Other Features

- Calculator
- Voice Notes
- File Transfer
- Tasks list

