

PROCESSOR

- 806 Mhz PXA320 Processor

OPERATING SYSTEM AND SOFTWARE

- Microsoft® Windows Mobile® 6.5.3 Professional
- Multiple languages

MEMORY AND DATA STORAGE

- 256 MB RAM
- 4 GB flash storage
- SD/SDHC slot, user accessible

DISPLAY

- Active viewing area: 5.7" (145 mm) color VGA LCD (640 x 480)
- High visibility backlit LCD
- Portrait or landscape orientation



KEYBOARD

- 15 control buttons (6 user reassignable)
- Five-way directional navpad
- Adjustable LED backlit keys

PORTS

- COM1, RS-232C 9-pin D connector with 5VDC power on DTR pin
- USB Host (Full A), USB Client (Mini B)
- 12VDC @ 800mA, 10-18V unregulated

WIRELESS CONNECTIVITY OPTIONS

- Bluetooth® wireless technology, 2.0 +EDR, Class 1
- Wi-Fi 802.11b/g
- Penta-band 3G GSM/GPRS/EDGE/HSDPA: 850/900/1800/1900/2100 MHz (Geo 3G models)
- Data communication interface, SMS

CAMERA (GEO MODELS)

- 3.2MP resolution with autofocus
- Juniper Geotagging: embed and emboss photo with date, time, and GPS position

GPS (GEO MODELS)

- 2 to 5 meter typical accuracy
- Integrated real-time SBAS/WAAS
- NMEA-0183 ver. 2.3 (3.0 compatible)



CERTIFICATIONS AND STANDARDS

- FCC Class B
- CE Marking (applicable EMC, R&TTE, and LVD directives)
- Industry Canada
- EN60950 Safety
- RoHS Compliant

STANDARD ACCESSORIES

- Li-Ion battery
- Hand strap

mesa™

POWER

- Intelligent Li-Ion battery 7.4VDC @ 2550mAh, 18.9Whr
- Two battery slots, warm-swappable
- Charges in 2 to 4 hours, operates up to 16 hours
- Battery easily changeable in field

PHYSICAL

- Size, Standard models: 5.3" w x 7.9" l x 2" d (136 mm x 200 mm x 51 mm)
- Size, Geo models: 5.3" w x 8.6" l x 2" d (136 mm x 220 mm x 51 mm)
- Weight: 1.9 lbs (862 g) with one battery, 2.2 lbs (998 g) with two batteries
- Magnesium alloy case front, plastic back
- Mounting holes for external accessories
- Adjustable, multi-position hand strap
- Easy to grip, impact absorbing bumpers

ENVIRONMENTAL

- IP67 waterproof and dustproof
- Operating Temperature: -22F to 140F (-30C to 60C)*
- Storage Temperature: -22F to 158F (-30C to 70C)
- Shockproof: multiple drops from 4' (1.2 m) onto concrete
- MIL-STD-810G Procedures: Method 500.5 Low Pressure (Altitude); Method 501.5 High Temperature; Method 502.5 Low Temperature; Method 503.5 Temperature Shock; Method 506.5 Rain; Method 507.5 Humidity; Method 510.5 Sand and Dust; Method 512.5 Immersion; Method 514.6 Vibration; Method 516.6 Shock
- MIL-STD-461F

- USB download cable
- Stylus
- 100-240VAC power supply
- Screen protector



OPTIONAL ACCESSORIES

- Travel charger
- 12VDC vehicle charger
- International AC charger kit
- Mesa Mobile Dock

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* Bluetooth and Wi-Fi -4F (-20C)

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systems

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