



Standard Features

System

- Windows Mobile 6.1 in Chinese, English, French, German, Italian, Japanese, Korean, Portuguese (Brazilian), Russian, or Spanish
- 533 MHz Samsung processor
- Integrated Bluetooth v2.0 wireless technology
- Integrated 802.11b/g wireless LAN
- Integrated digital camera (colour, 3 megapixel resolution)
- 128 MB RAM
- 128 MB non-volatile Flash data storage microSD (microSDHC compatible) memory card slot
- QVGA display (240 x 320), sunlight-readable colour touch screen
- All-day internally rechargeable and removable Li-Ion battery
- Integrated speaker and microphone
- Audio jack

GPS

- Integrated high-sensitivity GPS/SBAS¹ receiver and antenna
- 2 to 5 meter accuracy after differential correction (real-time or postprocessed)
- NMEA and SiRF protocol support

Standard Software

- Microsoft Office Mobile, includes Excel Mobile, Word Mobile,
- Internet Explorer Mobile, Outlook Mobile, and PowerPoint® Mobile
- Adobe Reader
- Transcriber (handwriting recognition)

Standard Accessories

- AC Power supply with international adapter kit
- USB data cable
- Stylus (2-pack)
- Wrist lanyard
- Rechargeable Li-ion battery
- Quick Start Guide
- Getting Started CD, containing User Guide

Optional Accessories

- Vehicle power adapter
- Vehicle mount for windshield or dash
- External GPS patch antenna
- Protective OtterBox Defender Series case with belt clip
- Anti-glare screen protectors (2-pack)
- Clear screen protectors (2-pack)
- Replacement AC Power supply with international adapter kit
- Replacement Li-Ion battery
- Replacement Stylus (2-pack)

Technical Specifications

Physical

Size	12.9 cm × 7.4 cm × 3.0 cm (5.1 in × 2.9 in × 1.2 in)
Weight	0.23 kg (0.52 lb) with battery
Processor	533 MHz Samsung S3C2443
Memory	128 MB RAM and 128 MB internal Flash storage
Battery	Internal 2600 mAh lithium-ion, rechargeable in unit
Power ²	
	Low (no GPS, backlight on ³) 14 hours
	Normal (with GPS and backlight on ³) 8 hours

Environmental

Temperature	
Operating	0 °C to +60 °C (32 °F to 14°F)
Storage	-20 °C to +70 °C (-4 °F to 158 °F)
Drop76 cm (2.5 ft) drop
	2 drops per 6 sides at ambient temperature 23 °C (73 °F)
Tumble50 cycles (100 drops) x 50 cm (1.64 ft), 5 cycles/min

Input/output

Expansion	microSD Card slot (microSDHC compatible)
Display	8.9 cm (3.5 in) QVGA (240 x 320 pixel) TFT
	16 bit (65,536) colors, LED backlight
Interface	Touch screen, hardware control keys
Audio	Microphone and speaker, record and playback utilities
I/O	USB client v2.0 compliant
Radios	Bluetooth 2.04, Wireless LAN 802.11b/g
Digital Camera	3 megapixel color camera with autofocus

GPS

Channels	12 (L1 code only)
Integrated real-time	SBAS ¹
Update rate	1 Hz
Time to first fix30 seconds (typical)

Accuracy (HRMS⁴) after differential correction

Real-time (SBAS ¹)	2-5 m
--	-------

1 SBAS (Satellite Based Augmentation System). Includes WAAS (Wide Area Augmentation System) available in North America only, EGNOS (European Geostationary Navigation Overlay System) available in Europe only, and MSAS available in Japan only.

2 Using wireless technology, such as Bluetooth or wireless LAN will consume additional battery power.

3 Backlight setting at 70% brightness.

4 Horizontal Root Mean Squared accuracy. Requires data to be collected using vertical mounting, minimum of 4 satellites, PDOP mask at 99, SNR mask at 12 dBHz, elevation mask at 5 degrees, and reasonable multipath conditions. Ionospheric conditions, multipath signals or obstruction of the sky by buildings or heavy tree canopy may degrade precision by interfering with signal reception. Accuracy varies with proximity to base station by +1 ppm for postprocessing and real-time.

Specifications subject to change without notice.



Pear Technology Services Ltd.

Unit 31 Broadmarsh Business Centre
Harts Farm Way
Havant
Hampshire
PO9 1HS

Tel: 023 9249 9689

Fax: 023 9247 8425

Email: info@peartechology.co.uk

www.peartechology.co.uk