

# PS236

# Getac

## Getac PS236 Fully Rugged Handheld

- MIL-STD 810G and IP67 compliant
- Microsoft Windows Mobile® 6.1
- 3.5G WWAN
- RS232 Serial Port, USB OTG & SDIO / SDHC Slot
- Field swappable long life Li-Ion battery
- Embedded high sensitivity GPS receiver
- 3 Megapixel auto-focus camera



### The Getac PS236 Fully Rugged Handheld

The Getac PS236 is the first fully rugged handheld built to meet MIL-STD 810G with high-speed HSDPA wireless networking. The PS236 features a high sensitivity GPS receiver, E-Compass and altimeter, making it perfect for GIS applications and a built-in three megapixel auto-focus camera has been neatly integrated to provide an all-in-one solution.

The PS236 includes 4GB of embedded storage and can be expanded to a total of 20GB of storage using the external SDHC card\*\*. The PS236 can be customized with either the standard

numeric keypad or a PDA keypad depending on the application and need. The PS236 is preinstalled with Windows® Mobile 6.1 software for quick access to email, the Internet, texting and other means of mobile communications.

Weighing a mere 18 ounces, the device can operate at full capacity for up to 12-hours on a fully-charged battery and is MIL-STD 810G compliant and IP67 compliant to operate without failure under the most extreme weather conditions, environments and everyday abuse associated with its user base.

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## Specifications

<b>Ruggedness</b>	Water & dust resistance: IP67 Drop spec: 1.2 m (4 ft) drop on all faces, edges and corners on plywood per MIL-STD-810G Electrostatic discharge: +/- 15kVdc air discharge, +/- 8kVdc contact discharge Tumble spec: 1,000 1.6 ft/0.5m tumbles (2,000 drops)	<b>GPS Sensor Specifications</b>	Chipset: SiRF Star III Receiver type: L1 (C/A) Channels: 20 channel all-in-view tracking Update rate: 1 Hz Autonomous: 5 m DGPS: 1~3 m Cold start time: 45 sec average Warm start time: 30 sec average Hot start time: 1 sec average Reacquisition: 0.1 sec average
<b>Operating System</b>	Genuine Windows® Mobile 6.1 Classic Genuine Windows® Mobile 6.1 Professional	<b>Power</b>	Battery type: 3.7V, 5600mAh Li-Ion battery pack
<b>Microprocessor</b>	Marvell PXA310 806MHz	<b>Dimensions and Weight</b>	7" x 3.5" x 1.18" (178 x 89 x 30 mm) 18.69 oz (530g)**
<b>Memory and Storage</b>	128MB MDDR 256MB NAND Flash and 4GB iNAND*	<b>Temperature</b>	Operating temp: -22°F to 140°F (-30°C to 60°C) Storage temp: -40°F to 158°F (-40°C to 70°C) Humidity: 5% ~ 95% (non-condensing)
<b>SD Card Slot</b>	SDIO and SDHC (up to 16GB SDHC memory card*)	<b>I/O Interfaces</b>	SDIO / SDHC x 1 DC x 1 USB OTG x 1 RS232 x 1 Office docking port x 1 Speaker x 1 Camera x 1 Battery cover x 1 Stylus pen x 1
<b>Display</b>	3.5" VGA (480 x 640 pixel) Transflective sunlight readable display Pressure sensitive touchscreen	<b>Warranty</b>	3 Year limited warranty standard†
<b>Keypad</b>	Soft input panel (SIP) on screen keyboard Transcriber handwriting recognition Optional numeric or PDA keypad		
<b>Communications</b>	WLAN 802.11 b/g Bluetooth (v2.0 +EDR Class 2)		
<b>Camera</b>	3 Megapixel auto-focus		
<b>Special Features</b>	E-Compass Altimeter		
<b>Included Accessories</b>	Microsoft getting started disc AC adaptor USB cable Protective film Hand strap Quick start guide Battery Stylus pen and tether		

Specification subject to change without notice. Battery performance will vary based on software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions. As with all batteries, maximum capacity decreases with time and use and may eventually need to be replaced by a Getac service provider. Battery life and charge cycles vary by use and settings. Battery life may be reduced in subzero applications.

\* For storage, 1GB = 1 billion bytes; actual formatted capacity less.

\*\* Weight is without 3G module. Weight varies by configuration and manufacturing process.

† For warranty terms and conditions visit [www.getac.com](http://www.getac.com)

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