

# Getac

Getac PS236-Ex  
Fully Rugged ATEX Certified Handheld



## Getac PS236-Ex Ensure the extreme safety and reliability at critical moments



Getac PS236-Ex is the world's first ATEX certified fully rugged handheld featuring IP67 and phone function. This PS236-Ex not only provides the most reliable protection for demanding environment, but also allows users to work safely and efficiently in potentially explosive atmospheres and industries, such as oil and gas, petrochemical, and aviation. Getac PS236-Ex is built to create the intrinsically safe working experience even in extreme conditions.

### Key Features

- EU explosive atmosphere ATEX certified
- MIL-STD-810G and IP67 certified
- 3.5G WWAN with voice communication ability
- Embedded high sensitivity GPS receiver
- PXA310 806MHz CPU and Windows Mobile® 6.1 Professional operating system
- 3.5" VGA display with Pressure sensitive touchscreen



### Inspection

Inspectors and researchers can easily collect data by PS236-Ex from peripheral devices via Bluetooth and WiFi, and then check the working status inside the Ex-area with no danger. In the meantime, the embedded GPS receiver and 3M pixels camera also help to record the GIS information and images of the inspection point.



### Emergency notification

Working in oil and chemical industries is highly dangerous since a small accident might result in a great disaster. Data transmission and voice transmission are essential for the field workers to make an emergency call to the control center at critical moments. Featuring 3.5G WWAN, Getac PS236-Ex ensures real-time communication inside the Ex-area.



### Maintenance

The MIL-STD-810G certified Getac PS236-Ex has the most powerful computing capability with PXA310 806MHz CPU, which enables field inspectors to complete data analysis to understand the cause of defect. Moreover, featuring 4GB memory storage, repairman can install the maintenance manual on PS236-Ex, so that the instant maintenance can be done quickly and easily on site.



3.5G WWAN



GPS

3M Pixels  
CameraLong Battery  
Life

Windows Mobile® 6.1

## Specifications

<b>Operating System</b>	Genuine Windows Mobile® 6.1 Professional	<b>GPS Sensor Specification</b>	Chipset: SiRFstarIII Receiver Type: L1 (C / A) Channels: 20 channels all-in-view tracking Update Rate: 1 Hz Horizontal Accuracy: i) Autonomous: 5 m / 16.4 ft ii) DGPS : 1~3 m / 3.3~9.8 ft Cold Start Time: 45 sec average Warm Start Time: 30 sec average Hot Start Time: 1 sec average Reacquisition: 0.1 sec average
<b>Mobile Computing Platform</b>	Marvell PXA310 806MHz	<b>Rugged Features</b>	MIL-STD-810G and IP67 certified Tamper-proof plastic case Vibration resistant Drop resistant (1.22 m / 4 ft) Tumbling resistant (1,000 cycles; 0.5 m / 1.6 ft)
<b>Display</b>	3.5" TFT LCD VGA (480 x 640) Transflective sunlight readable display Pressure sensitive touchscreen	<b>ATEX Certification</b>	ATEX zone 2 / 22 Ⓜ II 3G Ex ic IIC T4 Ⓜ II 3D Ex ic d 22 T130°C
<b>Storage &amp; Memory</b>	128MB MDDR 256MB NAND flash and 4GB iNAND	<b>Environmental Specification</b>	Temperature: - Operating: -10°C to 60°C / 14°F to 140°F - Storage: -40°C to 70°C / -40°F to 158°F Humidity: - 95% RH , non-condensing
<b>Keypad</b>	Numeric keypad	<b>Alphanumeric Data Entry</b>	Soft input panel (SIP) on screen keyboard Transcriber handwriting recognition Numeric keypad
<b>Expansion Slot</b>	SDIO / SDHC card slot (up to 16GB SDHC memory card) x 1	<b>Security Feature</b>	WiFi for WPA / WPA2 operation Authentication: OPEN, SHARED-KEY, PEAP (MS-CHAPv2, GTC, MD5), EAP-TLS, EAP-FAST, EAP-TTLS (PAP, CHAP, MS-CHAP, MS-CHAPv2, PAP/Token Card, EAP with GTC) Encryption: WEP, AES, TKIP
<b>I/O Interface</b>	Serial port (9-pin; D-sub) x 1 USB OTG (client 2.0 and host 1.1; 5-pin; type Mini AB) x 1 Microphone x 1 Speaker x 1 DC in Jack x 1 Docking connector (4-pin) x 1	<b>Regulation</b>	CE
<b>Communication Interface</b>	Optional 3.5G WWAN (HSDPA / WCDMA / EDGE / GPRS / GSM) 802.11 b/g Bluetooth (v2.0+EDR class 2) GPS (with internal antenna)	<b>Inbox Accessory</b>	Microsoft getting started disc AC charger USB cable Protection film ATEX leather hand strap <sup>ii</sup> ATEX rubber I/O cover <sup>ii</sup> ATEX safety precautions manual <sup>iii</sup> Quick start guide Battery Stylus Stylus tether
<b>Software</b>	Microsoft Internet Explorer Mobile® Microsoft Office Mobile Applications Microsoft Office Mobile® Microsoft® Windows Media® Player 10 Mobile Microsoft ActiveSync 4.5 for data sync		
<b>Power</b>	AC adapter (50W, 100-240VAC; 50 / 60Hz) Li-Ion smart battery (5600mAh) (up to 10 hours of battery life) <sup>i</sup>		
<b>Dimension (W x D x H) &amp; Weight</b>	8.9 x 3.0 x 17.8 cm (3.50" x 1.18" x 7.01"), 570 g (20.1 oz)		
<b>Field Service Feature</b>	GPS: SiRFstarIII 3M pixels auto focus camera with LED light E-compass Altimeter		

i Battery performance will vary with software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions. Battery life and charge cycles vary by use and settings.

ii The accessories must be used with P5236-Ex in potentially explosive atmospheres to ensure safety.

iii Read this safety precautions carefully before starting to use the device.



### Getac EUROPE

Germany Office -  
Getac Technology GmbH  
Kanzlerstrasse 4  
40472 Düsseldorf, Germany  
Tel: +49 211 984 8190

Italy Office  
Tel: +39 02 36539562

UK Office -  
Getac (UK) Ltd.  
Mitac house, Nedge Hill, Telford,  
Shropshire, TF3 3AH, U.K.  
Tel: +44 1952 207 231

[www.getac.com](http://www.getac.com)

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