

PS336 - Ex

UNCOMPROMISED PERFORMANCE BOOST, WITH BRIGHTEST SUNLIGHT READABLE DISPLAY.

The Getac PS336-Ex is the most versatile available fully rugged handheld built to meet MIL-STD-810G with FlexiConn™ technology, an enhanced 1GHz processor, 600 nits super bright screen, 7-programmable quick keys and 12 hour battery life with Lifesupport™ technology which allows the system to continue to run while you swap the battery to provide continuous power.

FlexiConn™ offers you the ability to turn your PS336-Ex into a multitasking efficiency device through a number of modules available today. This makes it ideal for GIS surveying, GPS mapping and other applications. The IP68 certified PS336-Ex is designed to withstand repeated drops from up to 6 feet, vibrations and shock.

ZONE 2 / 22



PS336 - Ex FULLY RUGGED HANDHELD

FLEXICONN™ SOLUTIONS FOR UTILITIES, INDUSTRIAL AND PROFESSIONAL SERVICES' MARKET NEED

FlexiConn™ technology enables surveying and mapping professionals to control their devices from up to 600m, via the long-range Bluetooth FlexiConn™ cap module. For utility technicians, the optional barcode reader and RFID reader modules monitor, diagnose and repair machines in harsh conditions. For industrial users, the RFID enabled PS336-Ex allows accurate asset management operations.

These multiple applications are available through the driver-installed cap modules. The operation efficiencies enabled through FlexiConn™ solution save time and expense for service providers and industry leading enterprises.



CERTIFICATION

ATEX



Ⓢ II 3G Ex ic IIC T4 Gc

Ⓢ II 3D Ex ic IIIB T130°C

THE ANSWER TO YOUR MOBILITY NEEDS TODAY AND TOMORROW

FLEXICONN™ TECHNOLOGY MULTIPLIES YOUR OPERATIONAL EFFICIENCY

As an integration hardware vendor, you can design customized module solutions for your customers' needs that fully integrates with the ergonomically designed handheld unit. Getac's FlexiConn™ allows you to continuously add modules, so you are building on an existing platform. This fully rugged handheld with comprehensive GIS functionalities delivers all your needs for today and tomorrow.

- Explosive atmosphere ATEX certified (ATEX Zone 2/22)
- 1GHz CPU and Windows® Embedded Handheld 6.5 Professional Classic Operating System
- 600 nits QuadraClear™ 3.5" VGA Sunlight Readable display
- Optional 3.5G WWAN (HSPA+ / UMTS / EDGE / GPRS / GSM)
- SiRFstarIV™ High Sensitivity GPS
- Optional FlexiConn™ 1D Barcode Reader / Long Range Bluetooth / 13.56 MHz RFID Reader



HF RFID
Long Range BT

1D Barcode
Reader













WHAT IS THE DIFFERENCE BETWEEN ZONE 1 AND ZONE 2?

ATEX Directive 94/9/EC defines **Zone 2** as an area in which an **explosive atmosphere** (a mixture of air and flammable gases, steam or mist) **is not to be expected under normal circumstances or just for a short period of time**. Just one brief hazardous situation per year is enough to rate an area Zone 2. Zone 2 devices provide required ruggedness and fall protection, which ensures safety of use during normal operations without technical failures such as battery short.

An area must be classified **Zone 1** if an **explosive atmosphere can develop occasionally during normal operations**. In that case only Zone 1 certified product must be used, which even in exceptional situations ensures necessary safety in case of failure.

CONFIGURATION CODE

DIGIT				PRODUCT DESCRIPTION
1-5	6	7-9	10	
PS336	B			PS336-EX BASIC 3.5" VGA Sunlight Readable Display TI AM3715 1GHz processor, Memory 512 MB MDDR storage 8GB iNAND Wireless LAN 802.11b/g/n, Bluetooth V2.1+EDR, SiRF GPS 5 MP Camera E-Compass, Altimeter Non-WWAN Yellow Phone Numeric Keypad Windows Embedded Handheld 6.5 Classic ATEX Zone 2 and 22 Certification
AS003950				
PS336	B	WWE		Worldwide English, Europe Country Kit
PS336	B	GER		German, Europe Country Kit
PS336	B	FRA		French, Europe Country Kit
PS336	B	ESP		Spanish, Europe Country Kit
PS336	B	ITA		Italian, Europe Country Kit
PS336	P			PS336-EX PREMIUM Configuration see PS336-Ex Basic Additional: 3.5G WWAN module and Windows Embedded Handheld 6.5 Professional
PS336	P	WWE		Worldwide English, Europe Country Kit
PS336	P	GER		German, Europe Country Kit
PS336	P	FRA		French, Europe Country Kit
PS336	P	ESP		Spanish, Europe Country Kit
PS336	P	ITA		Italian, Europe Country Kit

1-5 = Model

6 = Version

7-9 = OS Language

10 = Head Module

CONFIGURATION CODE

















DIGIT				PRODUCT DESCRIPTION	
1-5	6	7-9	10		
			N	Not chosen	
			H	PS336-Ex FlexiConn™ HF RFID-Reader (13,56MHz)	
			S	PS336-Ex FlexiConn™ 1D Barcode-Scanner	
			B	PS336-Ex FlexiConn™ Long-Range Bluetooth	

Note: FlexiConn™ head modules may solely be installed or changed by ecom service centers.



PS336-Ex

ACCESSORIES

ACCESSORY IDENTIFIER	DESCRIPTION	
A0003960	PS336-Ex AC Adapter Set with US/EU/UK/CHN/ANZ Plug	
A0003961 	PS336-Ex Spare Battery	
A0003962 	PS336-Ex Protection Film (2 pieces per pack)	
A0003963 	PS336-Ex Spare Stylus	
A0003964 	PS336-Ex Spare Stylus Tether	
A0003965	PS336-Ex 4 slot Battery Charger and AC adapter for EU	
A0003966	PS336-Ex 4 slot Battery Charger and AC adapter for UK	
A0003967 	PS336-Ex ATEX I/O Spare Cover	
A0003968 	PS336-Ex ATEX Leather Hand Strap	
A0003972	PS336-Ex Office Dock with AC adapter (EU Power Cord)	

SPECIFICATIONS	
Operating System	Windows® Embedded Handheld 6.5 Professional Windows® Embedded Handheld 6.5 Classic
Mobile Computing Platform	TI ARM 3715 1 GHz
Display	3.5" TFT LCD VGA (480 x 640) 600 nits Blanview transmissive display Pressure sensitive touchscreen
Storage & Memory	512 MB MDDR 256 MB NAND flash and 8 GB iNAND
Keypad	Phone numeric keypad
Expansion Slot	FlexiConn™ microSDHC (up to 32GB)
I/O Interface	Serial port (9-pin; D-sub) x 1 ¹ USB OTG (client 2.0 and host 2.0; 5-pin; type Mini AB) x 1 ¹ Microphone x 1 ¹ Speaker x 1 ¹ DC in Jack x 1 ¹ Docking connector (4-pin) x 1 ¹
Communication Interface	Optional 3.5G WWAN (HSPA+/UMTS/EDGE/GPRS/GSM) 802.11 b/g/n Bluetooth (v2.1+EDR class 2) GPS (with internal antenna)
Software	Microsoft Internet Explorer Mobile® Windows® Office Mobile 2010 Windows® Office Outlook Mobile Windows® Media Player Mobile Microsoft ActiveSync 4.5 for data sync Getac Camera geo-tagging software
Power	AC-Netzteil (24W; 12V/2A, 100-240VAC; 50 / 60 Hz) ² Intelligenter Lithium-Ionen-Akku (5600 mAh) (bis zu 12 Stunden Betriebszeit) ² Ladezeit: Ruhezustand, circa 3,5 Std. LifeSupport™-Akkutauschtechnologie ³
Dimension (W x D x H) & Weight	8.9 x 3 x 17.8 cm (3.5" x 1.18" x 7.01"), 530 (18.69 oz) without 3G module) ⁴
Field Service Feature	GPS: SiRFstarIVTM 5M pixels auto focus camera with LED light E-compass Altimeter Optional 13.56 MHz RFID Reader Optional 1D Barcode Scanner

¹ Serial port, USB, DC in Jack, Docking connector and AC charger must not be operated in hazardous area.

² 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.

³ The system will stay operating (within 120 seconds in standby mode) when user swaps the battery.

⁴ Weight varies from configurations and optional accessories.

PS3336-EX

SPECIFICATIONS	
GPS Sensor Specification	<p>Chipset: SiRFstarIVTM</p> <p>Receiver Type: L1 (C / A)</p> <p>Channels: 48 channels all-in-view tracking</p> <p>Update Rate: 1 Hz</p> <p>Horizontal Accuracy:</p> <p>Autonomous: 2.5 m / 8.2 ft</p> <p>DGPSiv : 2.0 m / 6.56 ft l</p> <p>Cold Start Time: 35 sec average</p> <p>Hot Start Time: 1 sec average</p> <p>Reacquisition: 0.1 sec average</p>
Rugged Feature	<p>MIL-STD-810G and IP68 certified</p> <p>Vibration resistant</p> <p>Drop resistant (26 drops from 1.82m / 6ft)</p> <p>Tumbling resistant (1,000 cycles; 0.5 m / 1.6 ft)</p>
Environmental Specification	<p>Temperature:</p> <p>Operating: - 30 °C to + 60 °C / - 22 °F to 140 °F</p> <p>Storage: - 40 °C to + 70 °C / - 40 °F to 158 °F</p> <p>Humidity: - 95% RH, non-condensing</p>
Alphanumeric Data Entry	<p>Soft input panel (SIP) on screen keyboard</p> <p>Transcriber handwriting recognition</p> <p>Phone numeric keypad</p> <p>Nuance XT9® Soft input panel (SIP)</p>
Security Feature	<p>Wi-Fi bei WPA-/WPA2-Betrieb</p> <p>Authentifizierung: OPEN, SHARED-KEY, PEAP (MS-CHAPv2, GTC, MD5), EAP-TLS, EAP-FAST, EAP-TTLS (PAP, CHAP, MS-CHAP, MS-CHAPv2, PAP/Token Card, EAP mit GTC)Verschlüsselung: WEP, AES, TKIP</p>
Scope of Delivery	<p>AC charger ¹</p> <p>USB cable ¹</p> <p>Hand strap</p> <p>Quick start guide</p> <p>Battery</p> <p>Stylus</p> <p>Stylus tether</p> <p>ATEX leather hand strap ⁵</p> <p>ATEX rubber I/O cover ⁵</p> <p>ATEX safety precautions manual ⁶</p>
Regulation	<p>CE, FCC, UL, BSMI, NCC, JRF, VCCI, PSE, A-Tick / C-Tick</p>

¹ Serial port, USB, DC in Jack, Docking connector and AC charger must not be operated in hazardous area.

⁵ The accessories must be used with PS336-Ex in potentially explosive atmospheres to ensure safety.

⁶ Read this safety precautions carefully before starting to use the device.

EMEA

Germany (Headquarters) ¹

ecom instruments GmbH
Industriestraße 2
97959 Assamstadt
Phone +49 62 94 42 24-0
Fax +49 62 94 42 24-100
sales@ecom-ex.com
¹ also covering Austria

ecom Benelux ²

ecom instruments BV
Watertoren 45c
3247 CL Dirksland, Netherlands
Phone +31 1 87 60 59 16
Fax +31 1 87 60 33 47
info.nl@ecom-ex.com
² also covering Belgium and Luxembourg

France ³

ecom Nied sarl
4 Rue Ettore Bugatti
67201 Eckbolsheim
Phone +33 3 88 76 46 84
Fax +33 3 88 76 02 85
info.fr@ecom-ex.com
³ also covering Algeria, Egypt, Morocco,
Tunisia and Libya

Italy

ecom instruments srl
Via Gandhi, 15 Galleria
20017 Rho (MI)
Phone +39 02 93 90 92 16
Fax +39 02 93 90 62 97
info.it@ecom-ex.com

Switzerland

ecom instruments GmbH
Merkurstraße 2
6210 Sursee
Phone +41 4 19 21 60 00
Fax +41 4 19 22 00 08
info.ch@ecom-ex.com

Nordics

ecom instruments GmbH
Postbox 304
2970 Hørsholm
Denmark
Phone +45 28 252 575
info.nordics@ecom-ex.com

United Kingdom

ecom instruments Ltd
A310, The Wilton Centre,
Redcar, TS10 4RF,
United Kingdom
Phone +44 1642 46 54 00
Fax +44 1642 46 54 02
info.uk@ecom-ex.com

Middle East

ecom instruments fze
P.O. Box 8918
Saif-Zone, Sharjah, UAE
Phone +971 6 5 57 34 30
Fax +971 6 5 57 34 31
info.uae@ecom-ex.com

Americas

USA

ecom instruments Inc.
1779 Westborough Drive, Suite 102
Katy, Texas 77449
Phone +1 281 496 59 30
Fax +1 281 496 23 21
info.us@ecom-ex.com

Asia

South East Asia

Ecom Instruments (SEA) Pte Ltd
15 Pioneer Turn
P+F GDC Building
Singapore 627577
Phone +65 6779 9078
info.sg@ecom-ex.com



Locate your nearest ecom partner on www.ecom-ex.com