ZONE 2 / 22

ZONE 2 / 22

ZONE 2 / 22

Rugged Solutions **in Zone 2 / 22**

**THE APPROPRIATE DEVICE**

FOR ALL REQUIREMENTS

# Z710-Ex

## WIDER RANGE OF DATA

A 1D/2D Imager barcode reader, HF RFID reader and 5 mega-pixel auto-focus camera helps the Z710-Ex to capture a wider range of data on the move.

## COMPREHENSIVE CONNECTIVITY

GPS, 3.5G WWAN (HSPA+) for voice and data communication as well as WiFi and Class 2 Bluetooth 2.1 with EDR, combine to provide faster, more reliable speeds for efficient data delivery in real time.

### CERTIFICATION

| ATEX | ⓔ II 3G Ex ic IIC T5 Gc |
|---|---|
| ⟨Ex⟩ | ⓔ II 3D Ex ic IIIB T100°C Dc |

## PINPOINT ACCURACY

With integrated SiRFstarIV™ GPS, E-compass and 3-axis accelerometer technologies the Z710-Ex enables field surveyors to determine their exact location quickly and collect accurate cadastral / geographical information.

## MORE THAN TOUGH ENOUGH

MIL-STD-810G and IP65 certified with 6 feet drop and a wide range of operating temperatures from -20°C to 50°C, able to operate without interruption under the toughest of conditions.

## Z710-Ex
### FULLY RUGGED TABLET

ZONE 2 / 22

## RUGGED YET RESPONSIVE

- Explosive atmosphere  ATEX certified (ATEX Zone 2/22)
- Android 4.1 Professional Operating System
- Optional 3.5G WWAN for data and voice communication
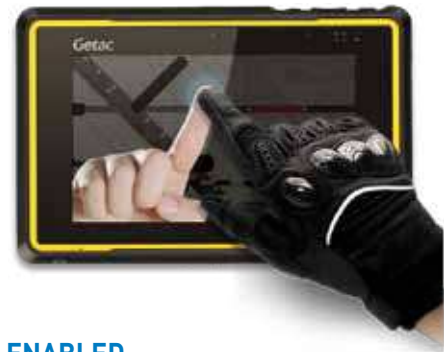- Optional 1D / 2D Imager Barcode Reader and RFID

- 7'' LumiBond™ Display with Getac QuadraClear™ Sunlight Readable Technology and Glove-enabled Capacitive Touchscreen
- 6 Feet drop specified and IP65 certified
- SIRFstarIV™ High Sensitivity GPS

# A TOUCH
# OF GENIUS



## GORILLA® GLASS

By using Gorilla® Glass 2, we ensure the screen withstands knocks, falls and scratches. It provides better touch responsiveness and brighter images without sacrificing damage resistance.



## WORLD'S FIRST 7" GLOVE-ENABLED
## TOUCH-SCREEN WITH SUPERB SENSITIVITY

The new Getac Z710-Ex brings the world's first capacitive touchscreen, with Getac proprietary LumiBond™ technology, Gorilla® Glass, capacitive touch sensor and LED panel with OCR (Optical Clear Resin), which provide unprecedented touch sensitivity even with gloves on!

## REDEFINE TECHNOLOGY IN THE FIELD

The connectivity and communication capabilities of the Z710-Ex boost productivity by allowing unprecedented mobility across field service, field sales and asset diagnostic tasks. The enhanced 10-hour battery life extends operating time without the need for recharging. The Z710-Ex is changing the game by bringing a touch of genius into field applications.

## GRAPHICS INTENSE APPLICATIONS

With its sunlight reflective 7 inch display, the Z710-Ex offers the best qualification for graphics intense applications. Documents can be viewed with ease, enabling users to access relevant data such as maintenance applications.

While servicing a piece of equipment, maintenance sheets or circuitry documentation can be downloaded instantly to give the operator all relevant information to carry out the service. Enabling the user to get more done in less time. In case a damaged part is found, it can be documented with a built-in 5 megapixel camera, which allows the image to be transmitted via WWAN for instant analyses for a quick response.

In production facilities – e.g. in the chemical industry – accuracy of data is of great importance. Errors can be costly and even dangerous. This, is where the Z710-Ex can be a very helpful tool. It helps to identify individual substances within a container.  A check against a product's formula verifies accurate consistencies, which ensures safety, product quality and avoids expensive errors.

# Z710-Ex

| SKU IDENTIFIER | PRODUCT DESCRIPTION |
|---|---|

### Z710 -EX BASIC

| A0003930 (Ex) | Z710-Ex Basic |
|---|---|
| A0003940 (Ex) | Z710-Ex Basic incl. 1D / 2D Imager |
| A0003941 (Ex) | Z710-Ex Basic incl. HF RFID Scanner |
| A0003942 (Ex) | Z710-Ex Basic incl. 1D / 2D Imager and HF RFID Scanner |

### Z710-EX PREMIUM WITH WWAN

| A0003931 (Ex) | Z710-Ex Premium |
|---|---|
| A0003943 (Ex) | Z710-Ex Premium incl. 1D / 2D Imager |
| A0003944 (Ex) | Z710-Ex Premium incl. HF RFID Scanner |
| A0003945 (Ex) | Z710-Ex Premium incl. 1D / 2D Imager and HF RFID Scanner |



Volume Control Button
Power Button
Barcode Launch Button
USB (Client 2.0)
USB (Host 2.0)
(Optional) RFID and cintactless Smart Card Reader
HD-Webcam
5 MP Camera
(Optional) 1D / 2D Imager Barcode Reader
ATEX - Rubber I/O Cover
microSD Card Slot
SIM Card Slot

## ACCESSORIES

| ACCESSORY IDENTIFIER | DESCRIPTION | |
|---|---|---|
| A0003932 | Z710-Ex AC Adapter Set with US/EU/UK/CHN/ANZ Plug | |
| A0003939 | Z710-Ex Office Dock with AC Adapter (EU Power Cord) | |
| A0003933 | Z710-Ex Carry Bag | |
| A0003934 ⬡Ex | Z710-Ex Hand Strap | |
| A0003935 ⬡Ex | Z710-Ex Shoulder Strap | |
| A0003936 | Z710-Ex Vehicle Charger | |
| A0003937 ⬡Ex | Z710-Ex Capacity Stylus & Tether | |
| A0003938 ⬡Ex | Z710-Ex ATEX Rubber I/O Cover | |

## 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.

# Z710-Ex

## SPECIFICATIONS

| | |
|---|---|
| **Operating System** | Android 4.1 |
| **Mobile Computing Platform** | OMAP 4430 Dual Core 1 GHz |
| **Display** | 7.0″ TFT LCD WSVGA (1024 x 600) |
| **Storage & Memory** | 1 GB MDDR<br>16 GB iNAND |
| **Erweiterungssteckplatz** | microSDHC (up to 32 GB) |
| **I/O Interface** | 1 x USB (Client, 2.0)<br>1 x USB (Host, 2.0)<br>1 x Microphone<br>1 x Speaker<br>1 x DC in Jack<br>1x Docking connector (30-pin) |
| **Communication Interface** | Optional 3.5G WWAN<br>(HSPA+/UMTS/EDGE/GPRS/GSM) for data and voice communication<br>802.11 b/g/n<br>Bluetooth (v2.1+EDR class 2)<br>SiRFstarIV™ GPS (with internal antenna) |
| **Software** | File Manager<br>GPS-ECompass<br>Barcode Utility<br>Barcode Config<br>RFID Reader Utility |
| **Power** | AC charger (24W; 12V/2A, 100-240 VAC; 50 / 60 Hz)<br>Lithium-Polymer smart battery (7600mAh)<br>(up to 10 hours of battery life)<br>Charging time: Sleep mode, approx. 6 hours |
| **Dimension (W x D x H) & Weight** | 21,8 x 14,2 x 2,7 cm<br>800 g |
| **Field Service Feature** | GPS: SiRFstarIV™<br>HD Web camera<br>5M pixels auto focus camera<br>E-compass<br>G-Sensor<br>Optional 1D / 2D Imager Barcode reader<br>Optional 13.56MHz RFID and contactless Smart Card Reader (ISO 15693 and 14443 A/B compliant) |

| GPS Sensor Specification | Chipset: SiRFstarIV™<br>Receiver Type: L1 (C / A)<br>Channels: 48 channels all-in-view tracking<br>Update Rate: 1 Hz<br>Horizontal Accuracy:<br>Autonomous: 2.5 m / 8.2 ft<br>DGPS: 2.0 m / 6.56 ft<br>Cold Start Time: 35 sec average<br>Warm Start Time: 35 sec average<br>Hot Start Time: 1 sec average<br>Reacquisition: 0.1 sec average |
|---|---|
| Rugged Feature | MIL-STD-810G and IP65 certified<br>Optional ANSI/ISA 12.12.01<br>Vibration resistant<br>Drop resistant (26 drops from 1.82m / 6ft) |
| Environmental Specification | Temperature:<br>- Operating: -20 °C to 50 °C<br>- Storage: -40 °C to 71°C<br>Humidity: - 95 % RH , non-condensing |
| Alphanumeric Data Entry | Soft input panel (SIP) on screen keyboard |
| Security Feature | WiFi for WPA / WPA2 operation<br>Authentication: OPEN, SHARED-KEY, PEAP<br>Encryption: WEP, AES, TKIP<br>Native software encryption, root protection, IPSec VPN,<br>software security support, network proxy settings,<br>password security (PIN, pattern, password) |
| Scope of Delivery | • AC charger 🔶<br>• Quick start guide<br>• Capacitive stylus and tether<br>• Wrist strap<br>• Hand strap<br>• ATEX rubber I/O cover ⬛<br>• ATEX safety precautions manual 🟢 |

🔶 USB, DC in Jack, Docking connector, Audio connectors and AC charger must not be operated in hazardous area.

🔵 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.

⬜ Weight varies from configurations and optional accessories.

⬜ The accessories must be used with Z710-Ex in potentially explosive atmospheres to ensure safety.

🟢 Read safety precautions carefully before starting to use the device.

# V100 -Ex2

In one quick rotation the Getac V100 -Ex2 rugged laptop transforms into a tablet PC.

Designed with the industrial environment in mind the Getac V100 -Ex2 is both MIL-STD 810G certified and IP65 compliant and comprises a magnesium alloy case, a shock-protected HDD, as well as sealed I/O caps and covers to prevent ingress damage.

Featuring an Intel® Core™ i7 -640UM vPro™ -Processor with Turbo boost technology the Getac V100 -Ex2 rugged notebook is an invaluable tool that gives maintenance engineers and inspectors incredible performance at even the most critical of moments no matter how harsh the enviroment. The Getac V100 -Ex2 features a sunlight readable 10.4" LCD Display and a water- and dustproof full-sized keyboard.

**ZONE 2 / 22**

## V100 -Ex2
### FULLY RUGGED CONVERTIBLE NOTEBOOK

## CUTTING EDGE TECHNOLOGY

- ATEX Zone 2 / 22 certified

- Convertible from a notebook to a tablet PC

- Getac QuadraClearTM Sunlight Readable Display: Up to 1200 Nits with Touchscreen

- Water Resistant Reversible Webcam

- Integrable GPS and communication modules

# SUPERIOR CONVERTIBLE TABLE PC

## TABLET PC

### CERTIFICATION

| ATEX | ⟨Ex⟩ II 3 G Ex ic IIC T4 |
| | ⟨Ex⟩ II 3 D Ex ic D 22  T130°C |

The Getac V100 -Ex2 can also be equipped with a GPS receiver and with optional 3.5G WWAN. Using this together with the 2 megapixel webcam perators are able to efficiently report their work status with great accuracy in realtime. The Getac V100 -Ex2 provides comprehensive connectivity options including Bluetooth, WLAN, WWAN and the advanced TPM security to safeguard important data.

The Getac V100 -Ex2 is the 2nd product of a joint venture between ecom instruments GmbH, Germany and GETAC Technology Corporation, Taiwan.

### APPLICATIONS

Featuring Intel® Core™ Processor with Turbo boost technology making the fully rugged Getac V100 -Ex2 notebook best suited for maintenance workers and pipeline inspectors providing incredible performance even at critical moments and in tough environments. Integrated 2 megapixel webcam, GPS receiver and 3.5G WWAN enable users to accurately and efficiently report their work status.

### TRANSPORTATION / DISTRIBUTION

The notebook-to-tablet Getac V100 -Ex2 features great portability.  It is highly applicable to different circumstances, especially ideal for the logistics industry as it withstands the sharp vibration and extreme temperature.
Getac V100 -Ex2 is MIL-STD-810G certified and IP 65 certified to work effectively and smoothly throughout any transport assignments.

# V100-Ex2

| SPECIFICATION | |
|---|---|
| **Operating System** | Windows® 7 Professional (32 bit or 64 bit) |
| **Mobile Computing Platform** | Technology Intel® Core™ i7 vPro™<br>- Intel® Core™ i7-640UM vPro™ processor with 1.2 GHz, max. 2.26 GHz with Intel® Turbo Boost-Technology<br>- 4 MB L3 Intel® Smart Cache<br>- Mobile Intel® QM57 Express-Chipset |
| **VGA Controller** | Intel® Graphics Media Accelerator HD |
| **Display** | 10.4˝ TFT LCD XGA (1024 x 768)<br>1200 Nits-QuadraClear™-sunlight readable display with touchscreen |
| **Storage & Memory** | 4 GB DDR3, expandable to 8 GB<br>SATA-HDD, 320 GB<br>Optional SATA-SSD, 80 GB |
| **Keyboard** | Membrane keyboard (QWERTZ or QWERTY) |
| **Pointing Device** | Pressure sensitive multi-touch screen<br>Glide touchpad with scroll bar |
| **Expansion Slots** | PCMCIA-Typ II ∅ *<br>ExpressCard/54 ∅ *<br>SD-card reader ∅ * |
| **IO Interface** | 2 megapixel webcam<br>Serial port (9-poles; D-Sub)<br>External VGA (15-poles; D-Sub) ∅ *<br>Microphone (Mini-jack) ∅ *<br>Audio output (Mini-jack) ∅ *<br>DC- in Jack ∅<br>USB 2.0 (4-pin) ∅<br>USB 2.0 / eSATA-combi ∅<br>Modem (RJ11) ∅<br>LAN (RJ45) ∅ |
| **Communication Interface** | 10/100/1000 base-T Ethernet<br>56K ITU V.92 modem<br>Intel® Centrino® Advanced-N 6200; 802.11 a/b/g/n<br>Bluetooth (v2.1+EDR class 2)<br>Optional GPS<br>Optional Gobi™2000 mobile broadband |
| **Software** | Getac Utility<br>Getac Camera<br>Getac V-GPS<br>Adobe® Reader®<br>Computrace® compatible BIOS |

| Security Features | Intel® vPro™ Technology<br>TPM 1.2<br>Smart card reader<br>Kensington lock |
|---|---|
| Power | AC Adapter (60W, 100-240VAC, 50/60 Hz)<br>Li-Ion smart battery (7800 mAh) |
| Dimensions & Weight (W x H x D) | 289.68 x 222 x 49 mm (11.4˝x 8.74˝ x 1.93˝), 2.5 kg (5.51 lbs) |
| Rugged Features | • Full magnesium alloy case<br>• Shock-protected removable HDD/ SSD<br>• Vibration & drop resistant<br>• EU Explosive Atmosphere ATEX Certified |
| Environmental Specification | Ta -20 °C ... +50 °C<br>Temperature:<br>Operating:  -20 °C (-4 °F) to 55 °C (131 °F)<br>Storage:   -40 °C (-40 °F) to 70 °C (158 °F)<br>Humidity:  5% to 95% RH, non-condensing |

⌀ Not for use in Ex-hazardous areas

* Accessible only with screwdriver

## BATTERY LIFE TESTING

Conducted under BatteryMark 4.0.1. Battery performance will vary upon software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions.

The battery has a limited number of charge cycles and may eventually need to be replaced by a Getac service provider. Battery life and charge cycles vary by use and settings. For further technical specifications and information relating to device types please visit www.ecom-ex.com.

# 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.

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



FlexiConn™

Camera

Speaker

Stylus

Phone Numeric Keypad

microSDHC Card Slot

SIM Card Slot

Battery Cover

DC in Jack

USB OTG

Docking Connector

RS232

# PS336-Ex

## ACCESSORIES

| ACCESSORY IDENTIFIER | DESCRIPTION | |
|---|---|---|
| A0003960 | PS336-Ex AC Adapter Set with US/EU/UK/CHN/ANZ Plug |  |
| A0003961 (Ex) | PS336-Ex Spare Battery |  |
| A0003962 (Ex) | PS336-Ex Protection Film (2 pieces per pack) |  |
| A0003963 (Ex) | PS336-Ex Spare Stylus |  |
| A0003964 (Ex) | 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 (Ex) | PS336-Ex  ATEX I/O Spare Cover |  |
| A0003968 (Ex) | 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<br>Windows® Embedded Handheld 6.5 Classic |
| **Mobile Computing Platform** | TI ARM 3715 1 GHz |
| **Display** | 3.5″ TFT LCD  VGA (480 x 640)<br>600 nits Blanview transmissive display Pressure sensitive touchscreen |
| **Storage & Memory** | 512 MB MDDR<br>256 MB NAND flash and 8 GB iNAND |
| **Keypad** | Phone numeric keypad |
| **Expansion Slot** | FlexiConn™<br>microSDHC (up to 32GB) |
| **I/O Interface** | Serial port (9-pin; D-sub) x 1<br>USB OTG (client 2.0 and host 2.0; 5-pin; type Mini AB) x 1<br>Microphone x 1<br>Speaker x 1<br>DC in Jack x 1<br>Docking connector (4-pin) x 1 |
| **Communication Interface** | Optional 3.5G WWAN<br>(HSPA+/UMTS/EDGE/GPRS/GSM )<br>802.11 b/g/n<br>Bluetooth (v2.1+EDR class 2)<br>GPS (with internal antenna) |
| **Software** | Microsoft Internet Explorer Mobile®<br>Windows® Office Mobile 2010<br>Windows® Office Outlook Mobile<br>Windows® Media Player Mobile<br>Microsoft ActiveSync 4.5 for data sync<br>Getac Camera geo-tagging software |
| **Power** | AC-Netzteil (24W; 12V/2A, 100-240VAC; 50 / 60 Hz)<br>Intelligenter Lithium-Ionen-Akku (5600 mAh) (bis zu 12 Stunden Betriebszeit)<br>Ladezeit: Ruhezustand, circa 3,5 Std.<br>LifeSupport™-Akkutauschtechnologie |
| **Dimension (W x D x H) & Weight** | 8.9 x 3 x 17.8 cm<br>(3.5″ x 1.18″ x 7.01″),<br>530 (18.69 oz) without 3G module) |
| **Field Service Feature** | GPS: SiRFstarIVTM<br>5M pixels auto focus camera with LED light<br>E-compass<br>Altimeter<br>Optional 13.56 MHz | RFID Reader<br>Optional 1D Barcode Scanner |

# PS336-Ex

## SPECIFICATIONS

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

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

🔵 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.

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

⬡ Weight varies from configurations and optional accessories.

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

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