



# PDA ATEX AG-P236S-Ex

## AG-P236S-Ex



Ensure the extreme safety and reliability at critical moments

AG-P236S-Ex is the world's first ATEX certified fully rugged handheld featuring IP67 and phone function.

This AG-P236S-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. AG-P236S-Ex is built to create the intrinsically safe working experience even in extreme conditions.



- 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 AG-P236S-EX -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 AG-P236S-Ex ensures real-time communication inside the Ex-area.



### Maintenance

The MIL-STD-810G certified -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 AG-P236S-EX. so that the instant maintenance can be done quickly and easily on site

Photos non contractuelles

Les spécifications sont données à titre indicatif ; elles sont susceptibles d'être modifiées sans préavis.

Toutes les marques citées sont déposées par leurs propriétaires respectifs.

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# PDA ATEX AG-P236S-Ex



3.5G WWAN



GPS



3M Pixels  
Camera



Long Battery  
Life



Windows Mobile® 6.1

## Specifications Operating System

Genuine Windows Mobile® 6.1 Professional

## GPS Sensor Specification

Chipset: SIRFstarIII  
Receiver Type: II (C / A)  
Channels: 20 channels all-in-view tracking  
Update Rate: 1 Hz  
Horizontal Accuracy:  
i) Autonomous: 5m / 16.4 ft  
ii) DGPS : 1-3 m /33-9.8 ft  
Cold Start Time: 45 sec average  
Warm Start Time: 30 sec average  
Hot Start Time: 1 sec average  
Reacquisition: 0.1 sec average

## Mobile Computing Platform

Marvell PXA310 8D6MHz

## Display

3.5" TFT LCD VGA (480 x 640)  
Transflective sun light readable display  
Pressure sensitive touchscreen

## Storage & Memory

128MB MDDR  
256MB NAND flash and 4GB INAND

## Keypad

Numeric keypad

## Rugged Features

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)

## Expansion Slot

SDIO / SD HC card slot  
(up to 16GB SDHC memory card) x 1

## I/O Interface

Serial port (9-pin; Dsub) x 1 I  
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 x1  
Docking connector (4-pin) x1

## ATEX Certification

ATEX zone 2 / 22  
II 3G Ex ic IIC T4  
II 3D Ex icD 22 T130°C

## Communication Interface

Optional 3.5G WWAN (HSDPA / WCDMA / I  
EDGE / GPRS / GSM)  
802.11 b/g  
Bluetooth (v2.0+EDR class 2)  
GPS (with internal antenna)

## Environmental Specification

Temperature:  
- Operating: -10°C to 60°C / 14°F to 140°F  
- Storage: -40°C to 70°C / F -40°F to 158°F  
Humidity:  
- 95% RH , non-condensing

## Software

Microsoft Internet Explorer Mobile®  
Microsoft Office Mobile Applications  
Microsoft office Mobile®

Microsoft® Windows Media® Player 10  
Mobile  
Microsoft ActiveSync 4.5 for data sync

## Alphanumeric Data Entry

Soft input panel (SIP) on screen keyboard  
Transcriber handwriting recognition  
Numeric keypad

## Security Feature

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

## Power

AC adapter (50W, 100-240VAC; 50 / 60Hz)  
Li-Ion smart battery (5600mAh) (up to 10  
hours of battery life)<sup>i</sup>  
89 x 30 x 178 mm (3.5" x 1.18" x7 " ), 570 g  
(20.1 oz)

## Regulation Inbox Accessory

CE  
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

## Dimension (W x Dx H) & Weight

## Field Service Feature

GPS: SIRFstarIII  
3M pixels auto focus camera  
E-compass  
Altimeter

<sup>i</sup> 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

<sup>ii</sup> The accessories must be used with AG-P236S-Ex in potentially explosive atmospheres to ensure safety.

<sup>iii</sup> Read this safety precautions carefully before starting to use the device.

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