



Intrinsically Safe PDA i.roc x10 -Ex

Light, ergonomic and ruggedized - optimized for high productivity!

The ecom i.roc x 10 -Ex is a physically compact, high performance industrial PDA based on a Pocket PC using Windows Mobile™ software. It features three modes of communication - integrated WLAN 802.11 b, Bluetooth™ and an IrDA infrared port. Three versions of the i.roc x10 -Ex meet the diverse needs and requirements of industry for ex-areas or unclassified areas.



i.roc 410

ruggedized



i.roc 510 -EX

Class 1 Div. 2
Gas Zone 2 / Dust Zone 22



i.roc 610 -EX

Class 1 Div. 1
Gas Zone 1 / Dust Zone 21

Features for industrial and offshore applications

- Ergonomic design reduces fatigue during continuous use
- High-resolution color display can be read even in the most unfavorable ambient light
- Protected from static electricity, water and dust by a shockproof, non-corroding housing

Bluetooth for communication with other Bluetooth devices such as RFID readers, HART modems, GPS receivers, position sensors, headsets and barcode readers

- Online connection via Bluetooth-enabled mobile telephones
- Wireless data synchronization via ActiveSync with PCs*

Integrated WLAN 802.11b

- Access to the Internet, e-mail and company data as well as Voice-over-IP are possible*
- WLAN and Bluetooth can be used simultaneously without one affecting the other
- Peer-to-peer communication with other WLAN-enabled units*
- Internal antenna

SD slot for greater storage capacity and upgrade capability*

- Storage of data, circuit diagrams, programs and backups on SD memory cards
- Support of SDIO cards
- Installation of upgrade cards such as barcode scanners or special account cards, for example.

Optimum security by means of advanced protection for the unit, data and connections

- VPN software ensures advanced security for wireless connections*
- WEP encryption with 64 or 128 bits for wireless connections provides increased security for authorized connections and data transfer
- F-Secure FileCrypto data encryption ensures protection from unintended data disclosure
- Supports LEAP, WEP and 802.1x

Rechargeable

Lithium-Ion battery

- 1800 mAh
- Up to 15 hours uninterrupted power supply*

Intrinsically Safe PDA *i.roc x10 -Ex*

Technical Data:	<i>i.roc 410</i>	<i>i.roc 510 -Ex</i>	<i>i.roc 610 -Ex</i>
Industrial Application	Protection Rating IP65 -10°C ... +60°C (13°F ... 140°F)	Protection Rating IP65 -10°C ... +50°C (13°F ... 122°F)	Protection Rating IP65 -10°C ... +50°C (13°F ... 122°F)
	Anti-static non-corroding housing, Fall protection min. 1m (3.3 ft) on concrete		
Weight	~450 grams (15.8 oz)	~460 grams (15.8 oz)	600 grams (21.1 oz)
System upgrade	Integrated SC slot, Supports SD/MMC standard SDIO - ready		
	SD slot changeable	SD slot not interchangeable	SD slot not interchangeable
Integrated wireless connectivity	Integrated WLAN 802.11b, Bluetooth™, IrDA		
Operating systems	Windows® Mobile™ 2003 Premium-Software for Pocket PC.		
Processor	400 MHz processor based on Intel® XScale™ technology		
Display	Transflective TFT display with 64,000 colors protected by a Makrolon panel 8.4 cm (3.5") diagonal screen, 320 x 240 pixel resolution (Protective film for the touch screen is available as an option)		
Memory	64 MB SDRAM (55 MB available) 32 MB Flash-ROM-memory 2.8 MB iPAQ File Store (NVRAM)		
Dimensions	178 mm x 85mm x 39mm (7" x 3.3" x 1.5") when carried in the hand		
Power supply	Rechargeable Lithium-Ion battery (1800 mAh)*		
Audio	Microphone, loudspeaker, external Bluetooth headset can be connected		
Software included	Pocket Word, Pocket Excel, Pocket Outlook, Internet Explorer, Jet Keys (virtual keyboard) Bluetooth Manager, File Store (non-volatile data storage in Flash-Rom) iTask Manager Image Zone, Self Test, Audio, Power Status, Optional SDK available		
Keyboard field	Button to immediately switch the unit and the background lighting on or off, 5-way navigation button, Touch-sensitive surface for making stylus entries, 5 programmable application buttons		
Integrated barcode reader (optional)	Legible barcode symbologies: UPC/EAN, Code 128, Code 39, I 2of5, D2of5, Code 93, Codabar, MSI/Plessey, Code 11, Web Code, Reading distance: 38mm to 610mm (depends on the size of the barcode, the type of barcode, the subsurface used on the scanning angle), Software: SocketScan™ driver with keyboard emulation optional SDK available		
Standard delivery:	Unit, Charger, Operating instructions, Safety instruction, Software CD		
Ex-Data:		Class 1 Div. 2 Ⓢ II 3G EEx nCL IIC T6 Ⓢ II 3D T135°C IP 65 EC-Certificate of conformity: ZELM 04 ATEX xxxx	Class 1 Div. 1 Ⓢ II 2G EEx ia IIC T4 Ⓢ II 2D T135°C IP 65 EC-Certificate of conformity: ZELM 04 ATEX xxxx

* A WLAN standard infrastructure, additional Bluetooth-enabled units and a service contract with a wireless carrier could possibly be required for wireless communication to function. A separate contract is required for GSM Internet use. Your carrier can inform you on the availability and extent of the offer. Not all web contents are available. Wireless cards and accessories can be purchased at additional cost.

* The battery's period of operation depends on the user's operational habits and the PDA's configuration. Use of internal wireless functions and background lighting decreases this time period.

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