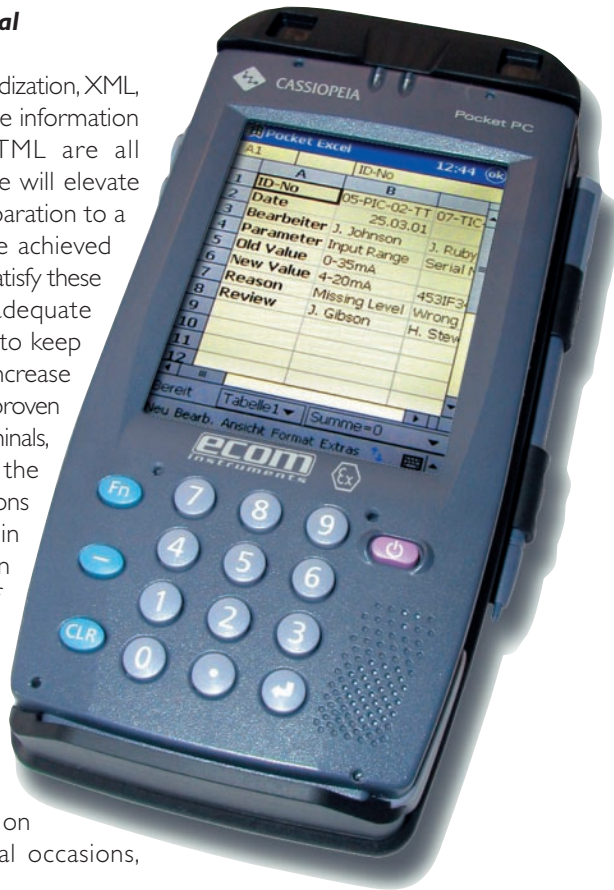


Intrinsically-Safe Pocket-PC Ex-IT 700

Mobile industrial terminal with Windows CE

Datamining, Intranet, standardization, XML, W-LAN, bar codes, real-time information systems Internet or HTML are all expressions which in future will elevate data management and preparation to a new level. This can only be achieved with equipment which can satisfy these demands and also offer adequate performance in the future to keep investment costs low and increase efficiency. Based on the well-proven CASIO IT 700 industrial terminals, the Ex-IT 700 now offers the unlimited wealth of applications of a Windows CE system in the Ex area. Here is an opportunity to make use of the latest technique and software combined with the well-tried hardware in the Ex area. Basically, where large amounts of data have to be handled flexibly, simply, quickly, reliably and Ex-safe on a daily basis or on special occasions,



Compact and multifunctional – Ex-safe Handheld-PC with Windows CE software 3.0

- Microsoft Windows CE 3.0
- PocketWord, PocketExcel
- PocketInternetExplorer, PocketOutlook
- own software can be implemented
- speech can be recorded
- industrial housing
- VGA-Touchscreen with 16 bit colour depth
- 32 MB RAM / 16 MB ROM
- IrDA interface
- customer specific with bar code scanner
- WLAN or memory extension
- Li-polymer battery
- Robust impact-resistant antistatic housing,
- illuminated colour display

Ex-data:

Ex designation:
 Ⓜ II 2 G EEx ia I ICT4
 Ⓜ I M2 EEx ia I

EC-Certificate of conformity:
 ZELM 02 ATEX 0084

Standard delivery:

Ex-IT 700, Charger, MS-Standard software

Optional:

Barcodescanner, W-LAN Module, memory extension

Operating time approx. 10h (Ex-IT 700)
 Backup by residual voltage of main battery
 Battery life approx. 1000 charging cycles

Operating conditions:

Ambient temperature -5°C...+50°C
 Relative humidity 20 ... 80%
 (without condensation)

Dimensions:

195 x 90 x 40 mm

Weight:

approx. 1000g

Technical data:

Main PCB:

CPU VR 4122 (150MHz)
 F-ROM 16MB
 RAM 32MB

Display:

Display colour TFT
 Resolution 240 x 320
 Illumination LED

Keyboard:

Keyboard surface
 Fast-Keys: e.g. for Barcode-scanning

Menu operation
 Complete keyboard via touchscreen

Audio:

Built-in microphone
 Built-in loudspeaker
 optional external microphone/headphone

Interfaces:

IrDA¹⁾
 opt. W-LAN
 (IEEE 802.11b - 11Mbps, 2,4GHz, DSSS)

Power supply

Rechargeable lithium-polymer battery ->no memory effect

is always up to date with an EX-IT 700 with Pocket PC 2000. During commissioning, equipment component parts or groups can be unmistakably identified per bar code-scan. By making use of the stored data bank, the complete failure, maintenance and calibration history can be made available to the technician on site. From the very beginning, the condition of the equipment can be called-up so that the need for appropriate spare parts or specialists can be planned early thus making optimum use of the resources.

Changes to equipment settings, replacement work or general repairs can be immediately entered on site and later on return to the office transferred to the PC via the IrDA interface or while still in the Ex-area, transmitted through W-LAN (IEEE 802.11b). In manufacturing or logistic areas, data access via WLAN in real time over Client-Server systems or through Intranet / Extranet / Internet via PocketInternetExplorer is the future tendency in explosion-endangered areas. PocketInternetExplorer makes applications

in HTML, Java SSL, 128 bit encoding, frames or XML available. The Ex-IT 700 is just in its element here.

Accessories:

- IrDA-interface for USB
- IrDA-interface for RS232
- QuickBeam Suite for IrDA & WIN NT 4.0
- By request: - Bluetooth-CF-Card
- RFID-Reader
- GSM-CF-Card