



Intrinsically-Safe PDA m515-Ex



maintenance or similar documents as well as the filling out of tables and forms. The lighting conditions in which the unit is to be used are immaterial, whether it be at installations in bright sunlight or production plants with artificial lighting, the proved reflection technique ensures that the information displayed

The light and stylish handheld m 515 – Ex with the Palm OS 4.1 operating system and 16-bit colour display is distinguished by small and well thought out features which make it ideal for use in Ex-areas.

Without doubt the greatest advantage: the internal 16 MB memory – lots of space for software and other data. Circuit diagrams and maintenance documents need no longer be permanently stored in an external memory card. The slot for SD (Standard Secure Digital) or MMC (MultiMediaCard) memory cards can be fitted in the factory with such cards thus offering ideal preconditions for additional applications such as dictionaries, travel maps, back-up programmes and last but not least memory expansion. Stored programmes can be exceptionally-easily operated thanks to the fully-developed character recognition or the virtual keyboard. Once one has familiarized oneself with graffiti – character recognition, then the writing of E-Mails and texts as well as the filling out of forms is easy. The m515-Ex is energized by a powerful lithium-polymer-accumulator which can be charged in the Docking-Station (cradle) supplied with the unit. The high contrast display is ideal for reading circuit diagrams,

is always ideally readable. Supplied with the unit is a USB Docking-Station which enables data to be interchanged with a PC outside the Ex-area and new applications installed. The standard applications Palm Desktop 4.01 and Palm HotSync 4.02 as well as a further CD with extensive additional programmes such as MGI PhotoSuite Mobile Edition, DocumentsTo Go 4.0 and the Palm Mobile Connectivity Software are also supplied with the unit not forgetting the elegant leather case which is stipulated for the Ex-area.

- Supports Desktop systems:**
- PC with Windows 95/98/NT 4.0/2000/ME/XP*
 - Mac OS 8.6 to 9.x
 - An available USB interface (For Windows 95, NT or other system without USB interface, a serial Palm-HotSync-Docking-Station is needed)

*(Administration rights are needed for the installation of Windows NT, 2000 and XP).

Mobile computing in the Ex-area

- Palm OS 4.1
- secure Digital / MultiMediaCard slot
- illuminated colour display
- USB HotSync Docking Station
- 16 MB internal RAM
- 4 MB FLASH / ROM
- classic features such as calendar, memo block, address list, task planning, calculator and clock.
- infrared interface

Ex-data:
 Ex designation: $\text{Ex II 2G EEx ia IICT4}$
 EC-Certificate of conformity: ZELM 02 ATEX 0086

 I.S. Class I Division 1 Group A;B;C;D T4

Standard delivery:
m515-Ex, Palm™ Mobile Connectivity Software, Docking-Station (serial or USB are available), charger, leather case

Accessories:
• SD and MMC-cards on request

Technical Data:

Processor:	Motorola Dragonball, 33 MHz
Data input:	Touchscreen or virtual keyboard
Interfaces:	USB, IrDA, Universal Palm connection
RAM:	16 MByte
Extensions:	Slot for SD/MMC-Cards
Power supply:	Integrated Lithium-Polymer-accumulator
Display:	illuminated reflective TFT colour display
Display size (visible diagonals):	5,7 x 5,7 cm (8 cm)
Colours:	65.536
Resolution in pixels:	160 x 160
Dimensions:	(length/width/depth) 11,4 / 7,9 / 1,8 cm
Weight:	280 g
Ambient temperature:	0°C ... 45°C
Storage temperature:	- 20°C ... +60°C