



MOBILE INDUSTRIAL READER TERMINAL READ / WRITE

Frequency:	125 kHz +/- 5.0 kHz (at RT)
Antenna:	Integrated air-coil antenna
Read Distance:	Short Range, 7cm with 30mm Unique, 11cm with ISO-card Unique
Interface:	Compact flash card type II
Transponder types:	Read only EM410x (Unique) Read only ISO 11784 /5 (FDX-B) Read write 256 bits Hitag 2 / S Read write 264 bits e5555 (Q5) Read write 1024 bits EM4x5x (Titan) Read write 2048 bits Hitag 1 / S
Features:	<ul style="list-style-type: none"> • Reader is fully integrated into the TPP-10 • High protection class of IP67 • Large storage (-40°C to +70°C) temperature range • Large operating (-30°C to +60°C) temperature range • Extreme rugged, exceeds MIL-STD 810F • Delivered with free TAS-40 firmware
Part number:	TPP-10-A2 200mHz Processor TPP-10-A4 400mHz Processor
Marketing tool:	<p>The TPP-10 is mobile RFID Reader Terminal based at a TDS Recon platform and delivers maximum performance and reliability in a lightweight and extremely rugged design. The waterproof TPP-10 weights just 490 gram, and it exceeds military specifications for drop, vibration and both high and low temperature operation.</p> <p>You can count on TPP-10 when portability, data security and maximum operating time are crucial. The PowerBoot Module™ integrates a 3800 mAh battery pack with industry-standard 9 pin serial and USB ports into a single component you can easily replace even in the field. The 3.800 mAh NiMH-battery allows 12 – 30 hours operating, depending on usage With the operating system Windows CE.NET or Pocket PC 2003 is easily upgradeable and gives unmatched performance.</p> <p>IP67 protection, 26 drops to concrete from 1,2 meter height, operating temperature –30°C to +60°C and a humidity resistance according to MIL-STD 810F method 507.4 shows that stress less operation is granted for your application.</p>

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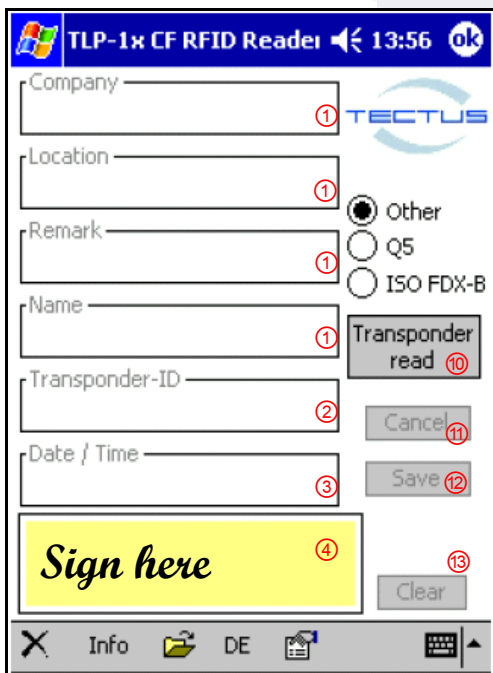
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Length:	Length: 165 mm, Width: 95 mm, Height: 45 mm
Weight:	490 g including battery
Technical data:	Protection class: IP 67 Drop: 26 fall from 1,2 m on concrete Storage temperature: -40 °C till +70 °C Operating temperature: -30 °C till +60 °C Humidity resistance: MIL-STD 810F method 507.4
Processor / memory:	Intel PXA 255 X-Scale CPU <i>RECON200</i> - 200 MHz, 64 MB SDRAM, 64 MB NAND Flash <i>RECON400</i> - 400 MHz, 64 MB SDRAM, 128 MB NAND Flash
Display:	1/4 VGA, 240 x 320 Pixel, colour TFT display with touch-screen and front light
Battery:	3.800 mAh NiMH-battery for 12 – 30 hours operating depending on usage
Operating system:	Microsoft CE.NET 4.1 or Windows Mobile 2003
Connections:	1 x USB-B Slave (12 Mbps) 1 x RS232 (115 Kbps) 1 x Charging 2 x CF-slot type II
Communication:	<i>Optional via CF-Card Slot:</i> WAN: Audiovox GPRS WLAN: Socket 802.11b (11 Mbps) PAN: Socket Bluetooth
Keyboards:	10 keys, onscreen qwerty softkeyboard
Accessories:	12-V-vehicle charger Socket Bluetooth CF-card Socket 802.11 b WLAN CF-card Socket barcodereader Audiovox GSM/GPRS-Modem

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⑤ ⑥ ⑦ ⑨ ⑭

- ① **FLEXIBLE DATA FIELDS**
These data fields display the information related to the unique transponder identification number. The software stores a maximum of 10 different data relations in the database with a maximum of 15 characters per field. The headers of these fields can be changed in the HEADER CONFIGURATION.
- ② **ID FIELD**
Display of the transponder identification number.
- ③ **DATE FIELD**
Date and time of the last transponder reading.
- ④ **SIGNATURE FIELD**
This field is writable with the PDA pen and can be used for example as signature field. The visual information is electronically stored in the database.
- ⑤ **EXIT BUTTON**
Exit the program.
- ⑥ **INFORMATION BUTTON**
Program information.
- ⑦ **DATABASE BUTTON**
Database access.
- ⑧ **LANGUAGE BUTTON**
Change the language between English/German.
- ⑨ **HEADER CONFIGURATION BUTTON**
Configuration of the flexible data field headers.
- ⑩ **TRANSPONDER READ BUTTON**
Push this button for reading out the transponder (the transponder must be in front of the RFID reader head).
- ⑪ **CANCEL BUTTON**
Cancels all data in the display.
- ⑫ **WRITE BUTTON**
Saves the displayed information in the database or into the transponder.
- ⑬ **CLEAR SIGNATURE BUTTON**
Clears contents of the signature field.
- ⑭ **KEYBOARD BUTTON**
Displays the virtual keyboard.

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