



**Industrial SMART PHONE RFID PDA  
with Integrated  
GPS, WLAN, HSDPA, GSM,  
BLUETOOTH, USB, CAMERA,  
CRACK RESISTANT TOUCH WINDOW  
HF 13,56 MHz  
RFID Reader/Writer  
ISO-IEC15693 / 14443A / NFC  
ISO-IEC18000-3**



The semi-rugged smart phone sized RFID-PDA provides high speed mobile computing under Windows Mobile 6.5 for easy integration into standard applications.



The integrated features like 3.5 G mobile radio and WiFi allows high performance voice and data communication and the GPS-A supports mobile worker's route planning and location identification.



The integrated RFID reader enables the use as data collection and identification handheld device.



The 3 Mega Pixel camera allows picture documentation.






The device survives several drops of 1,5 m on steel plate.



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RFID PDA**  
with Integrated  
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HF 13,56 MHz  
RFID Reader/Writer  
ISO-IEC15693  
ISO14443 / NFC  
ISO-IEC18000-3**

<b>Description:</b>	Industrial SMART PHONE PDA with WLAN, GPS, GPRS, HSDPA, GSM, Bluetooth, USB, RS232, with integrated HF RFID Reader/Writer	
<b>Processor:</b> <b>Memory:</b>	CPU: Monahan PXA 320 806 MHz high-performance. ROM: 256 MB (optional 512MB) RAM: 128 MB (optional 256 MB) Additional Memory: 1 x MicroSD card up to 32 GB (Customer accessible)	
<b>Operating System:</b>	Windows Mobile® Version 6.5 ( Android optional)	German, English
<b>Display:</b>	Touchscreen: 3.5" transfective LCD display with LED backlight, integrated G-sensor	VGA 260K 240 x 320 pixel QVGA 260K 480 x 640 pixel
<b>I/O Unit:</b>	Navigation Key, Function Keys	Touchscreen: with stylus
<b>Interfaces:</b> <b>Audio:</b>	1 SIM Mobile communication: GPRS / eGPRS / UMTS GSM / Edge / HSDPA 850, 900, 1800, 1900, 2100 MHz Or CDMA /1x /EvDO Rev. A (850, 1800 MHz) High volume speakers, 2,5 mm Head set jack	RS232 USB 1.1 Host and 2.0 (Full speed) Client Ethernet via cradle WLAN (802.11 b/g) Bluetooth Class II V 2.0 + EDR
<b>Power Supply:</b>	Rechargeable battery Li-ion, 3,7 V 1600 mAh	
<b>Operating temperature:</b>	-20°C....+55°C (storage -20°C....+70°C)	
<b>Housing:</b>	Size: 131 x 72 x 18 mm      Weight: 230 g	(incl. battery)
<b>Barcode Reading:</b>	optional via external Bluetooth scanner	
<b>Multi-Protocol: RFID Reader / Writer:</b>	ISO18000-3 / ISO15693 / ISO14443 / NFC	
<b>GPS:</b>	13,56 MHz Chips: I-Code-, tag-it-, my d-, Ntag- and Mifare series (other on request)	
<b>Camera:</b>	Integrated GPS with Network independent AGPS & DGPS 3 Mpixel Autofocus with LED flash / (ultra bright LED flash)*	
<b>Other:</b>	 production 	
<b>Part name:</b>	TPP-PD-40-HF-xxx	* = Optional configuration

<b>External Connection:</b>	Printer: RS232, Bluetooth
<b>Accessories*:</b>	USB Synchronisation and power adapter cable Stylus Pen Cradle for vehicle and desktop Tether Display Protection Film



Display Protection Film



Power Adapter



Desktop Cradle



Stylus Pen



Adapter connector



Vehicle Cradle



Tether



USB Cable



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<b>Rugged Standard / Humidity:</b>	IP65 Protected against splashing water and dust 95% non-condensing; meets and exceeds MIL-STD 810F, Method 507.4, 90%RH temperature cycle 0°C/70°C
<b>Drop Test:</b>	12 drops 1,5 m on steel plate (2 drops per 6 sides), meets exceeds MIL-Std. 810F
<b>Accessories*:</b>	Additional Drop Protection Rubber Cover for extreme rugged conditions



Dropping into  
Protection  
Rubber  
Cover



Inside  
Protection  
Rubber  
Cover



With Protection  
Rubber  
Cover  
and  
Belt Bag



See in short demo how the Industrial SMART PHONE PDA reads TECTUS RFID TAGs:

Video 1: <http://www.youtube.com/watch?v=jclTyXZuxn4&feature=related>

Video 2: <http://www.youtube.com/watch?v=hKuDpjOpyeQ>