



**Industrial SMART PHONE RFID PDA
with Integrated
GPS, WLAN, HSDPA, GSM,
BLUETOOTH, USB, CAMERA,
CRACK RESISTANT TOUCH WINDOW
LF 125 / 134 kHz
RFID Reader/Writer
ISO-IEC18000-2**



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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Description:	Industrial SMART PHONE PDA with WLAN, GPS, GPRS, HSDPA, GSM, Bluetooth, USB, RS232, with integrated LF RFID Reader/Writer	
Processor: Memory:	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)	
Operating System:	Windows Mobile® Version 6.5 (Android optional)	German, English
Display:	Touchscreen: 3.5" transfective LCD display with LED backlight, integrated G-sensor	VGA 260K 240 x 320 pixel QVGA 260K 480 x 640 pixel
I/O Unit:	Navigation Key, Function Keys	Touchscreen: with stylus
Interfaces: Audio:	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
Power Supply:	Rechargeable battery Li-ion, 3,7 V 1600 mAh	
Operating temperature:	-20°C.....+55°C (storage -20°C.....+70°C)	
Housing:	Size: 131 x 72 x 18 mm Weight: 230 g	(incl. battery)
Barcode Reading:	optional via external Bluetooth scanner	
Multi-Protocol: RFID Reader / Writer:	ISO18000-2 / ISO11784/5 FDX-B / HDX BDE 125 / 134 kHz Chips: EM4200, Hitag S 256, S 2048 (other on request)	
GPS:	Integrated GPS with Network independent AGPS & DGPS	
Camera:	3 Mpixel Autofocus with LED flash / (ultra bright LED flash)*	
Other:	 production 	
Part name:	TPP-PD-40-LF	* = Optional configuration

External Connection:	Printer: RS232, Bluetooth	
Accessories*:	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



Rugged Standard / Humidity:	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
Drop Test:	12 drops 1,5 m on steel plate (2 drops per 6 sides), meets exceeds MIL-Std. 810F
Accessories*:	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>