







Industrial PDA
with Integrated GPS,
WLAN, GPRS, GSM, Bluetooth, USB,
Camera,
Barcode Scanner and
LF 125 kHz / 134 kHz
Multi-Protocol
ISO-IEC11784/5
BDE
RFID Reader/Writer
ISO-IEC18000-2

Description:	Industrial PDA with WLAN, GPS, eGPRS, GSM, Bluetooth, USB, RS232, IrDA with integrated Barcode Scanner and Multi-Protocol LF RFID Reader/Writer	
Processor: Memory:	CPU: Monahan PXA 320 806 MHz high-performance. RAM: 128 MB ROM: 256 MB Additional Memory: 1 x MiniSD card up to 2 GB (Customer accessible)	
Operating System:	Windows Mobile ® Version 6.1	German, English
Display:	Touchscreen: 3.5" transflective LCD display with LED backlight, optional ultrabright LED flash	VGA 260K 240 x 320 pixel QVGA 260K 480 x 640 pixel
I/O Unit:	Keyboard: Alphanumeric Keypad	Touchscreen: with stylus
Interfaces: Audio:	RS232 C 1 SIM slot Mobile communication: GSM / GPRS / eGPRS 850, 900, 1800, 1900 MHz High volume speakers, Head set jack	Infrared: IrDA 1,2 USB 1.1 Host and (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 2300 mAh	(optional extended 3700 mAh)
Operating temperature:	-20°C+55°C (storage -25°C+70°C)	
Housing:	Size: 150 x 75 x 35 mm Weight: 400 g	(incl. battery)
Barcode Scanner: or Imager: Multi-Protocol: RFID Reader / Writer: GPS: Camera:	1D & PDF417 Laser Class II 1D & 2D CMOS imager ISO18000-2 / ISO11784/5 / BDE (FDX-B / HDX) 125 kHz /134 kHz TAGs supported: EM4102 /EM4200, Hitag S, HDX (on request: HF) Integrated GPS with Network independent A-GPS 2 Mpixel Autofocus with LED flash	
Other:	9001:2000 CERTIFIED production ()	VRoHS
Part name:	TPP-PD-50-LF-BC	* = Optional configuration

[©] TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.



Rugged Standard / Humidity:	IP65 Protected against splashing water and dust 93% non-condensing	
Drop Test:	12 x 1,5 m on steel plate (2 drops per 6 sides)	
External Connection:	Printer: RS232, IrDA or Bluetooth	
Accessories*:	USB Synchronisation and power adapter cable	
	Stylus Pen	
	Battery	
	Cradle for vehicle and desktop	
	Tether	
	Display Protection Film	





Windows Mobile OS





Barcode Scanner, A GPS, eGPRS, WLAN

Power Adapter



Cradle



Battery



Adapter connector



USB Cable



Tether



Display Protection Film



Stylus Pen



See how the reading of Barcode and RFID TAGs works in practical:

http://www.youtube.com/watch?v=vC6zGaPVgrE

[©] TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. TECTUS declines all responsibility for the use of products with any other specifications but the ones mentioned above. Any additional requirement for a specific customer application has to be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.