



**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" transfective 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:	RS232 C 1 SIM slot	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
Audio:	Mobile communication: GSM / GPRS / eGPRS 850, 900, 1800, 1900 MHz High volume speakers, Head set jack	
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:	 production 	
Part name:	TPP-PD-50-LF-BC	* = Optional configuration

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	

Rugged

Windows
Mobile OSBarcode Scanner, A GPS,
eGPRS, WLANPower
AdapterAdapter
connector

Cradle



Battery

USB
Cable

Tether

Display
Protection
FilmStylus
Pen

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

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