

TETRA[®] pad IND

ULTRA RUGGED PDA

for applications in harsh environments

- Processor Intel Bulverde PXA270 624MHz
- 4" VGA (640 x 480) transfective & Resistive touchscreen
- High brightness & Sunlight readable display
- Li-ion 3900 mAH battery +internal Backup battery
- Bluetooth v.2 / WLAN 802.11b,g / GSM/GPRS/EDGE / GPS *
- WinCE.NET 5.0 / Windows Mobile 2005 premium (phone edition)
- IP 54 Water & Dust proof
- Certified MIL-STD-810F
- 4 programmables functions keys
- Weight : 450 g



* option



■ TETRA[®] pad IND

Built to survive the harshest environment.

TETRA[®] pad IND

■ Specification

PROCESSOR Intel Bulverde PXA270 624MHz
 RAM MEMORY 128 MB SDRAM
 ROM MEMORY 128 MB Flash ROM
 GRAPHIC NVIDIA 4800
 AUDIO Integrated Microphone & Speaker
 KEYBOARD Option: wireless mini keyboard ; Forearm USB keyboard

■ Interfaces

SD PORT (storage) 16 MB to 2 GB (* automatic backup)
 I/O PORTS 1x USB 2.0 host, 1x USB1.1 client
 1 x RS232 serial port, 1x MIC, 1x Earphone/headset, 1 x docking
 PCMCIA 1x Type II
 Option: 2x serial ports
 PCMCIA Adapter to Compact Flash

■ Display

4 inch, 480x640, transfective TFT LCD
 18-bit color for both Win Mobile & Win CE
 Resistive Touchscreen
 Sunlight readable display
 LED backlight dimmed to Zero

■ Control panel buttons

5 directions scroll button
 4 programmables functions keys
 Power (ON/OFF) ; Reset button;
 Wireless ON/OFF switch button

■ LED indicators

Battery charging ON (orange), battery low,(flashing)
 WiFi, BT ON (blue)
 GSM ON/stand by (flashing green) + Phone in vibration

■ Wireless communications

Option: Bluetooth 2.00 / WLAN 802.11b,g /
 GSM/GPRS/EDGE (850/900/1800/1900)
 GPS

■ Power

BATTERY Li-Ion 3.6V 3900 mAH Hot swappable
 Integrated Lithium-Polymer 100mAH backup battery
 AC INPUT 110/220 VAC Adapter- 50/60 Hz - DC 10V/3.5A output
 DC INPUT Direct 10-32 VDC power input
 AUTONOMY > 10 hours.
 Option: 3.6V 7800mAH double capacity battery

■ Operating system

Microsoft Windows Mobile 2005 Premium/Phone edition
 WinCE.NET 5.0

■ Dimensions

150 mm (H 5.9") x 90 mm (W 3.5") x 33 mm (D1.3")
 Weight : 450 g

■ Available language

English, German, Chinese, French, Italian, Spanish,
 Portuguese

■ Docking station

USB 2.0 host x 2, USB 1.1 client x 1
 COM4 RS232 ; COM1 TTL ; DC jack
 1 slot for spare battery charge
 Build in vehicle adapter

Option: RS232/RS422



TETRA
 RUGGED COMPUTERS

Feel free to contact us for further informations or
 connect to the website www.logic-instrument.de

* Specifications are subject to change without prior notice

Top



Bottom



Back side



GPS + serial port



Forearm USB keyboard



APPLICATIONS :

- Public safety
- Expedition
- Industry
- Medical & Laboratory
- Boarder control
- Forestry & Construction
- Navigation & Logistic
- Maintenance
- Minning Industry

Environmental specifications

MIL-STD-810F	Operating	Storage
Temperature	-10°C to +50°C	-40°C to 70°C
Humidity	5% to 95% without condensation	
Altitude	4500 m	12000 m
Salt Fog		5% 48 hour
Vibration	Helicopter vibration, wheeled vehicle vibration 5~500Hz, 1.6~2.18 grms	
Drop	122 cm	
Shock	40 g (peak) half-sine, 11 ms, 3 axis, 2 direc- tions, 18 shocks total	75 g (peak) half-sine, 8 to 13 ms, 3 axis x 6 shocks = 18 shocks total
Enclosure	Magnesium - IP 54 certified	
Regulation	FCC, CE, E-MARK	