

TDS RECON

The toughest there is



timbatecTM
Service and Engineering

TDS RECON is supported and serviced by:

Austria:

Latschbacher GmbH
Hauptstraße 8/10
A-4484 Kronstorf
Phone: +43 (0) 7225 8206 0
Fax: +43 (0) 7225 8206 10
EMail: office@timbatec.com

Germany:

Latschbacher GmbH
Ludwig-Zeller-Straße 44
D-83395 Freilassing
Phone: +49 (0) 8654 4738 0
Fax: +49 (0) 8654 4738 10
EMail: office@latschbacher.de

Switzerland:

Latschbacher AG
Rohanstrasse 11
CH-7205 Zizers
Phone: +41 (0) 81 330 05 55
Fax: +41 (0) 81 330 05 51
EMail: office@latschbacher.ch

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Main Features

- Rugged and waterproof
- Windows Mobile 6.0 operating system
- Long-life NiMH battery
- 1/4 VGA display and touchscreen
- Optional integrated Bluetooth interface and WLAN 802.11b/g
- 400 MHz Intel PXA255 processor
- 64 MB DDR SDRAM
- 256 MB Flash memory
- Two Compact Flash slots
- Small and lightweight

The TDS Recon X-Series adds new capabilities to help you do even more in the field. Available integrated Bluetooth and 802.11g wireless keep you connected. Versatile MS Windows Mobile 6.0 software runs thousands of applications. Also the Recon X-Series offers even more flash memory.

The Recon works wherever and whenever you need it! You can count on Recon when portability, data security and maximum operating time are crucial. The innovative modular design saves time and money on long-term service and provides customization options to suit your different applications. The Power-Boot Module integrates a 4000 mAh battery pack with industry-standard 9-pin serial and USB ports into a single component you can easily replace even in the field. The standard CF-Cap O-ring seal protects its two CompactFlash slots from rain, wind and dust.

The compact Recon weighs just 490g, yet its rugged design delivers reliable performance in the field. The Recon meets rigorous MIL-STD 810F standard for drops, vibration, humidity, altitude, and extreme temperatures. And with an IP67 rating it's impervious to water and dust.

With the Recon it's easy to make connections in the field. Bluetooth wireless lets you connect to mobile peripherals without cables, while 802.11g wireless gives you access to local area networks, e-mail and the Internet. What's more, two CompactFlash (CF) slots let you add GPS, GPRS, digital cameras, barcode scanners and other devices.

You never want to compromise in your work. With the Recon you don't have to.

Applications

TDS Recon: A rugged PDA with a freely programmable operating system. Comprehensive range of accessories offers wide applications. It doesn't matter whether it's about Barcode, RFID, GPS or GSM/GPRS, or if only an outdoor-suitable PDA is needed, with TDS Recon, professional solutions are realisable.



Standard features

Microsoft Windows Mobile 6.0, 400 MHz Intel PXA255 X-Scale processor, 64 MB SDRAM, 256 MB flash storage, sunlight-readable colour TFT display, touch screen, rugged and waterproofed design, integrated speaker and microphone, optional integrated Bluetooth interface and WLAN IEEE 802.11g standard.

Standard Software

Word Mobile, Excel Mobile, PowerPoint Mobile, Outlook Mobile, Internet Explorer Mobile, OneNote Mobile, Messaging, Remote Desktop Mobile, Contacts, Tasks, Notes, Calendar, Calculator, Windows Media Player, Microsoft Pictures and Videos, Microsoft ActiveSync, Online Help.

Physical Data

Length: 165 mm, Width: 95 mm, Height: 45 mm, 490 g including battery

Technical Data

Operating temperature: -30°C till +60°C

Storage temperature: -40°C till +70°C

Humidity: MIL-STD 810F, method 507.4

Water: IP67 (1m for 30 min)

MIL-STD 810F, method 512.4 procedure I

Drop: MIL-STD 810F, method 516.5 procedure IV

26 drops from 1.20m onto plywood to concrete, 6 additional drops at -30 °C and additional 6 drops at +60°C.

MIL-STD 810F, method 510.4 procedure I

Vibration: MIL-STD 810F, method 514.5 procedure I & II

Altitude: MIL-STD 810F, method 500.4 procedure I, II & III

Processor/Memory

Intel PXA255 processor with 400 MHz, 64 MB SDRAM, 256 MB Flash

Display

1/4 VGA, 240 x 320 pixel colour TFT display with touch screen and LED front light.

Battery

Rechargeable battery pack NiMH 4.000 mAh for up to 30 hours operation period depending on operating status.

Connections

1 x RS232 Standard 9pin male (115 Kbps)

1 x Charging connection

1 x USB Slave

Wireless Communication

Optional with integrated Bluetooth Interface and with WLAN 802.11g standard.

Extensibility

Two integrated CF-Card Slots type I and type II, water- and dustproof closed with CF cap and easy to open.

Accessories

Desktop cradle, 12-V-vehicle charger, Carrying bags, midsize CF cap, optical CF cap, extended CF cap, Tripod bracket, CF-cards for GPS, RFID 125kHz or 13,56 MHz, memory, GSM/GPRS cards, Socket barcode scanner,...

