

TDS RANGER

The next generation



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Ultra-rugged for all environments!

The TDS Ranger combines a Windows OS, an ergonomic keypad and military-grade durability. The new generation of TDS Ranger offers the latest technology and more features in two models, the economical 300X and the powerful 500X. Wireless Lan and Bluetooth options allows datatransfer to the PC without any cables.

The TDS Ranger delivers that performance in the most challenging work environments. You can count on your TDS Ranger in the roughest conditions. The unit is IP67 protected and meets MIL-STD 810F standards rigorous for drops, vibrations, humidity altitude and extreme temperatures. The plastic housing of the Ranger is extremely robust and provides a great grip in any weather. Separate navigation, alpha and numeric keypads make it easy to operate even when you are wearing gloves.

Combined with an Intel PXA 270 Processor with 312 or 520 MHz the Ranger can quickly process even the most challenging work environments. The internal memory can be upgraded to 128 MB SDRAM and 512 MB Flash. Therefore also graphic data like maps and plans can be saved.

The 6.600 mAh strong battery energizes the device more than 30 hours. The bright LCD display keeps legibly also at direct sunlight and is lightened for operational area with bad light-conditions. There are nearly no limits for mobile data collection at extreme conditions.

The TDS Ranger is the optimal choice for mobile data-collection at tough outdoor conditions.

Application

Go wireless and expand your options. The TDS Ranger features an integrated Bluetooth Interface and WLAN 802.11b. In addition to that the Ranger can be upgraded with GPS, GPRS, digital camera, storage, laserscanner, RFID reader, etc. by its SD-slot and the two CF-Card slots. Wherever a rugged device with a wide range of options is needed, the TDS Ranger is the best choice.

<http://www.timbatec.com>

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Standard Features

Microsoft Windows Mobile 5.0, 53 keys for letter- and numeral input, 8+1 multifunction key for navigation, touchscreen, battery life for 30 hours under normal operating conditions, complete recharging under five hours, battery charge status LED indicator, notification LED, rugged polycarbonate shell, integrated speaker and microphone.

Standard Software

Pocket Word, Pocket Excel, Pocket Outlook, Pocket Internet Explorer, Calendar, Tasks, Notes, Calculator, Windows Media Player, Microsoft Pictures, Microsoft ActiveSync, Online help, Sprite Backup

Physical Data

Length: 266 mm, Width: 131 mm, Height: 48 mm
74 mm at handgrip, 952 g including battery

Technical Data

Protection class: IP 67 (30 minutes at 1m soundings)
Drop: MIL-STD 810F, fall from 1,2 m on concrete
Temperature range: -30 °C till +60 °C
Water- and dustproof, Protection class IP67

Processor/Memory

Intel PXA 270 Processor with 312 or 520 MHz (optionally)
Ranger 300X: 64 MB SDRAM, 256 MB Flash
Ranger 500X: 128 MB SDRAM, 512 MB Flash

Display

1/4 VGA, 240 x 320 Pixel in landscape format,
reflective colour TFT with touch screen and front light

Battery

Rechargeable battery pack Lilon 6.600 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 Host
1 x USB Slave

Wireless Communication

Optional with integrated Bluetooth Interface and with WLAN 802.11b standard

Extensibility

Two integrated CF-Card Slots Type II and a SDIO Slot, water- and dustproof closed and easy to open

Accessories

12-V-vehicle charger
Carrying bags
midsize CF cap and extended CF cap
Tripod bracket
CF-cards RFID 125kHz or 13,56 MHz, memory,
GSM/GPRS cards,

