NEXT GENERATION ™ TDS RANGER STILL ONE OF A KIND

OUTDOOR RUGGED

WINDOWS MOBILE 5.0

LONG LIFE BATTERY

SUNLIGHT READABLE DISPLAY

TDS Ranger adds versatility, more features to its unparalleled reliability and military-grade durability

The next-generation TDS Ranger™ rugged handheld from Tripod Data Systems, like the pioneering original, combines a Windows® operating system, an ergonomic keypad and military-grade durability.

And thanks to real-world feedback from tens of thousands of users, the next-generation Ranger offers the latest technology and more features in two models: the economical 300X and the powerful 500X. Windows Mobile® runs thousands of applications. Wireless capabilities let you connect without cables. And with CompactFlash (CF) and Secure Digital (SD) slots, you can add multiple accessories and increase data storage. All of which makes the Ranger first in its field—again.

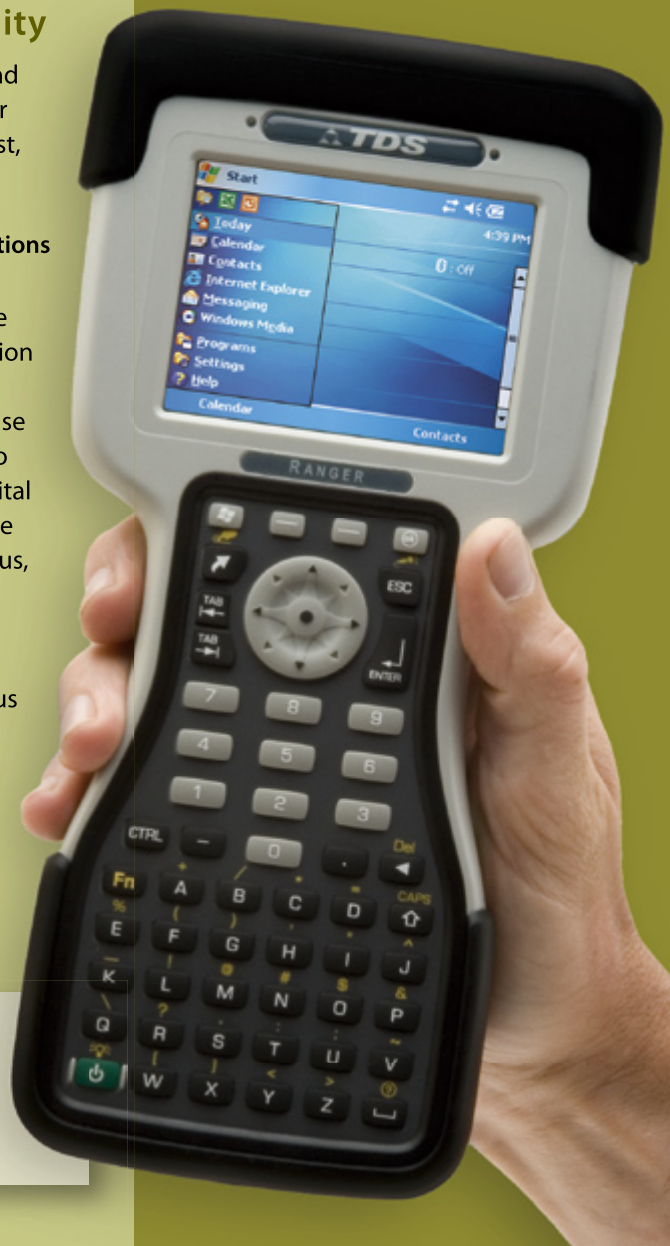
Rugged as ever

You can count on your Ranger in the roughest conditions. It meets rigorous MIL-STD-810F military standards for drops, vibration, humidity, altitude and extreme temperatures. And with an IP67 rating, the Ranger is impervious to water and dust, keeping your data safe.

Go wireless to expand your options

Stay connected while leaving those bulky cables behind. The Ranger now gives you the option for integrated Bluetooth and 802.11 wireless. You can also use the Ranger's SDIO slot and two CF slots to add GPS, GPRS, digital cameras, data storage bar-code scanners and other devices. Plus, you can count on the Ranger to keep your data safe with a CF-Cap™ that's sealed to keep out water, dirt and dust. Various CF-Cap sizes accommodate larger devices.

Everything about the Ranger is designed to make it tough on the job—and easy on you.



TRIPOD DATA SYSTEMS

See all the new features at
tdsway.com/TDSranger
or call 541-752-9000

RANGER SPECIFICATIONS

STANDARD FEATURES

Optional embedded Bluetooth
Optional embedded 802.11g
Microsoft Windows Mobile 5.0
53 tactile keys with separate navigation, alpha and numeric keypads, plus 8+1 directional pad
Touchscreen
Battery life of 30 hours under normal operating conditions
Complete recharge in 4.5 hours (80% in 2 hours)
Battery charge status LED indicator
Notification LED
Rugged polycarbonate shell
Integrated speaker and microphone

STANDARD SOFTWARE

Word Mobile
Excel Mobile
PowerPoint Mobile
Outlook Mobile
Internet Explorer Mobile
Contacts
Tasks
Calendar
Calculator
Windows Media Player
Microsoft Pictures and Videos
Microsoft ActiveSync
Online help
Terminal services clent

STANDARD ACCESSORIES

AC charger
Standard CF-Cap
Screen protectors
USB cable
User's guide
Hand strap

OPTIONAL ACCESSORIES

Vehicle charger
Nylon carry case
Tripod bracket
Range pole bracket
Midsize CF-Cap
Extended CF-Cap
Lanyard

PHYSICAL

Size: 0.5" (26.6 cm) x 5.2" (13.1 cm) x 1.9" (4.8 cm)
Weight: 952 g (2.1 lb), including battery

I/O

Ports: 9-pin serial port—RS232 (115 Kbps)
USB host and client
DC power port

ELECTRICAL

Processor: Intel PXA 270 XScale CPU
Expansion: 1x Type I and 1x Type II CompactFlash slots, 1x Secure Digital I/O (SDIO) slot
Display: 320 x 240 pixel (1/4 VGA) color TFT with LED backlight
Power: Li-Ion rechargeable pack, 6600 mAh

ENVIRONMENT

Operating Temperature: -22 to 140 °F (-30 to 60 C)
Storage Temperature: -40 to 158 °F (-40 to 70 C)
Humidity: MIL-STD-810F, Method 507.4
Water: IP67, sealed against accidental immersion (1 m for 30 min.) MIL-STD-810F, Method 512.4, Procedure I
Drop: MIL-STD-810F, Method 516.5, Procedure IV 48" onto concrete, 26 drops at room temperature (all faces, edges, corners, one drop each), 6 face drops at 60 C, 6 face drops at -30 C
Dust: IP67, MIL-STD-810F, Method 510.3, Procedures I & II
Vibration: MIL-STD-810F, Method 514.5, Procedure I, Figs. 5 & 17
Altitude: MIL-STD-810F, Method 500.4, Procedures I, II & III, 15,000 ft at 73 °F (23 C)

Specifications subject to change without notice.

	RANGER 300X	RANGER 500X
PROCESSOR/ SPEED		
Intel XScale	312 MHz (520 MHz optional)	520 MHz
MEMORY		
SDRAM ~22 MB reserved	64 MB	128 MB
Data storage (On-board Flash) ~40 MB reserved	256 MB	512 MB
WIRELESS		
Integrated Bluetooth	Optional	Standard

The Ranger features ergonomic navigation, alpha and numeric keypads that are easy to use when wearing gloves.

The Ranger's color display remains visible in direct sunlight, with powerful illumination for low-light conditions.

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YOUR LOCAL TDS DEALER

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