



KEY FEATURES

3.5G cellular modem accessory

Wi-Fi or Bluetooth connectivity

Access the Internet and VRS corrections in the field

Rugged and waterproof

Long battery life for all day use

Pocket-sized and easy to use

ALL-DAY NETWORK ACCESSIBILITY FOR WI-FI OR BLUETOOTH CAPABLE HANDHELD DEVICES

The TDL 3G is a compact, rugged, 3.5G cellular modem accessory that provides all-day network accessibility to Trimble® Wi-Fi or Bluetooth® capable handheld devices. The TDL 3G Bluetooth wireless technology provides instant, reliable, and secure Internet access and VRS™ corrections wherever you work.

A connected workforce

With high-speed Internet connectivity, the integrated 3.5G cellular modem provides you and your entire field team the ability to quickly access the data you need in the field. You can download the latest project files, utilize web-based background files, and upload completed work at the end of the day.

You can also access VRS corrections through the cellular network. The accuracy of real-time corrections not only ensures high quality data for your GIS, it also makes locating assets in the field quicker and more accurate. Back in the office, data processing is streamlined too, removing the need for postprocessing before uploading to your GIS.

Designed for the field worker

With a powerful 3,000 mAh lithium-ion rechargeable battery, the TDL 3G will work for a full day on one battery charge. Recharge overnight and you're ready to go the next day.

The TDL 3G has been designed to meet your needs in the harshest environments. The TDL 3G is rated IP67 (impervious to dust and immersable in water), operates at temperatures of -10° C to 60° C (+14° F to 140° F) and is drop tested to 1.2 m (3.9 ft).

Wi-Fi or Bluetooth connectivity

Your handheld can communicate with your TDL 3G using Wi-Fi or Bluetooth, depending on the required application.

Wi-Fi is ideal when you require high speed Internet access to download project files, send in work at the end of the day, download maps, and keep in contact with your office via email.

Bluetooth is perfect for accessing high accuracy VRS connections over the Internet. The bandwidth of a Bluetooth connection is sufficient for VRS corrections and requires less power consumption than a Wi-Fi connection, extending battery life of the TDL 3G in the field.

Increase your productivity

A simple setup and an intuitive user interface remove the difficulties often associated with setting up complicated cellular phone connections.

Having internet and VRS access when you need it will increase your efficiency in the field.

Using the TDL 3G as part of your field solution adds up to increased productivity, saving you time and money.



TDL 3G cellular modem accessory

STANDARD FEATURES

System

- Cellular modem accessory for use with supported Windows Mobile® handhelds and Windows® Notebooks or Tablet PCs
- Integrated 3.5G cellular modem (Quad-band GSM/GPRS/EDGE 850/900/1800/1900 MHz and Tri-band WCDMA 3.5G UMTS/HSDPA 850/1900/2100 MHz)
- Integrated Bluetooth v2.0 wireless technology
- Integrated 802.11b/g wireless LAN/Wi-Fi
- Internally rechargeable 3000mAh Li-Ion battery for all-day operation (in 2G/2.5G mode)
- Simple one-button interface and easy-to-use configuration software

Standard Accessories

- AC Power supply with international adapter kit
- Quick Start Guide
- Getting Started mini CD, containing User Guide and TDL 3G connection software
- Belt clip/pouch
- 1 m mini-USB cable

Optional Accessories

- Pole mount pouch for TDL 3G cellular modem

SUPPORTED HANDHELDS AND DEVICES

The following Windows Mobile handhelds are supported by the TDL 3G cellular modem. Connectivity is via Bluetooth (BT) or Wi-Fi.

Supported Mapping & GIS Handhelds

- Trimble GeoExplorer® 2008 series handhelds
- Trimble Nomad® G Series handhelds
- Trimble Recon® handhelds
- Trimble Juno™ SB/SC handhelds

Supported Construction Handhelds

- Trimble TSC2® Controller (BT only)

Supported Survey Data Controllers¹

- Trimble TSC2 Controller
- Trimble Recon Controller
- Trimble Tablet Rugged PC

Supported Mobile Computing Solutions Handhelds

- Trimble Nomad outdoor rugged handhelds
- Trimble Recon outdoor rugged handhelds
- Trimble Ranger™ outdoor rugged handhelds
- Trimble Yuma® outdoor rugged tablet computers

Supported PCs

The TDL 3G cellular modem can also be used with a computer running:

- Microsoft® Windows XP
- Windows Vista®
- Windows 7

Connectivity when used with a desktop computer is via Wi-Fi only.

TECHNICAL SPECIFICATIONS²

Physical

Size	101 x 65 x 27 mm (3.98 in x 2.56 in x 1.06 in)
Weight	157 g (5.5 oz) with battery
Processor	400 MHz Samsung 2450 processor
Battery	Internal 3,000 mAh lithium-ion, rechargeable in unit
Power	
Low (BT connection at 2G/2.5G speeds)	12 hours
Normal (Wi-Fi connection at 3G/3.5G speeds)	5 hours

Environmental

Temperature	
Operating	-10° to 60° C (+14° to 140° F)
Storage	-20° C to +70° C (-4° F to 158° F)
Drop	1.2 m (3.9 ft) drop (steel surface)
Sealing	IP67 with Mini USB/SIM cover and Reset/Power switch cover sealed

Input/output

Radios	Bluetooth 2.0, Wireless LAN 802.11b/g Integrated GPRS/EDGE/UMTS/HSDPA 3.5G cellular modem
Physical ports	Mini-USB for charging / firmware upgrading

Certification

FCC, CE, IC and A-Tick

¹ For Bluetooth / Wi-Fi compatibility on the different controller platforms, please contact your Trimble Survey distributor.

² Technical specifications listed within this section apply to the TDL 3G exclusive of accessories (e.g. A/C power adaptor).

Specifications subject to change without notice.

© 2010, Trimble Navigation Limited. All rights reserved. Trimble, the Globe & Triangle logo, GeoExplorer, Nomad, Recon, and Yuma are trademarks of Trimble Navigation Limited, registered in the United States and in other countries. Juno, Ranger, and TSC2 are trademarks of Trimble Navigation Limited. The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Trimble Navigation Limited is under license. Microsoft, Windows Mobile, Windows, and Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks are the property of their respective owners. PN 022501-226A (04/10)



NORTH & SOUTH AMERICA

Trimble Navigation Limited
10355 Westmoor Drive
Suite #100
Westminster, CO 80021
USA
+1-720-587-4574 Phone
+1-720-587-4878 Fax

EUROPE & AFRICA

Trimble Germany GmbH
Am Prime Parc 11
65479 Raunheim
GERMANY
+49-6142-2100-0 Phone
+49-6142-2100-550 Fax

ASIA-PACIFIC & MIDDLE EAST

Trimble Navigation
Singapore PTE Limited
80 Marine Parade Road
#22-06 Parkway Parade
Singapore, 449269
SINGAPORE
+65-6348-2212 Phone
+65-6348-2232 Fax

YOUR LOCAL TRIMBLE OFFICE OR REPRESENTATIVE



www.trimble.com