

T41™ Data Collector

FEATURES

- Processor: 1 GHz, Texas Instruments DM3730
- RAM: 512 MB
- Flash Storage: 16 GB
- 4.3" WVGA sunlight-readable Gorilla glass display
- Light sensor to auto-adjust display brightness
- Capacitive interface
- Integrated 3.75G cellular data, text and voice capability
- 8 megapixel camera with geo-tagging and dual LED flash
- Bluetooth® 2.1 with enhanced data rate
- Wi-Fi (802.11 b/g/n)
- GPS receiver, 2–4 m accuracy (WAAS/SBAS capable)
- MCX port for optional external GPS antenna
- Electronic compass
- Accelerometer
- Robust custom port with USB 2.0 full speed protocol
- Conversion cables available for 9-pin serial or USB host
- MicroSD memory card slot (supports SDHC up to 32 GB)
- Integrated speaker and microphone
- 3.5 mm headset jack with audio capability

OPERATING SYSTEMS

- Windows Embedded Handheld 6.5
- Language support: Chinese (Simplified), English, French, German, Italian, Japanese, Korean, Portuguese, Russian or Spanish

Windows Embedded Handheld 6.5

Standard Software:

- SatViewer (GPS interface application)
- CellStart (WWAN configuration application)
- Microsoft® Office Mobile® 2010 (Word Mobile, Excel Mobile, PowerPoint Mobile, Outlook Mobile)
- Internet Explorer Mobile 6
- Microsoft My Phone with SMS text messaging
- Camera control application
- Flashlight mode control application
- Calculator
- Calendar
- Microsoft Pictures & Videos
- Windows Media® Player
- Windows Live Messenger
- Microsoft Task Manager & Notes
- Adobe Reader LE 2.5

STANDARD ACCESSORIES

- International AC charging kit
- T41 USB cable
- Wrist strap
- Ultra clear screen protectors (qty 2) kit
- Quick Start Guide

OPTIONAL ACCESSORIES

- 9-pin serial adapter
- USB host adapter
- Capacitive stylus with tether
- External battery pack
- Port cover
- Ultra clear screen protectors (qty 10) kit
- Anti-reflective screen protectors (qty 2) kit
- Vehicle charging kit
- Capacitive touchscreen gloves
- External GPS antenna

ENVIRONMENTAL SPECIFICATIONS

Water Survives driving rain and water spray
IEC-60529 IPx5, water jet 12.5 mm dia @ 2.5–3 m

Dust Protected against dust, IEC-60529 IP6x,
dust chamber with under-pressure

Drops Survives multiple drops of 4 ft (1.22 m),
MIL-STD-810G, Method 516.6, Procedure IV, Transit Drop

Operating Temperature –22 °F to 144 °F
(–30 °C to 60 °C), MILSTD-810G, Method 502.5,
Procedure I, II, III (Low Temp Operating –30 °C);
Method 501.5, Procedure I & II
(High Temp Operating 60 °C)

Storage Temperature –40 °F to 158 °F
(–40 °C to 70 °C), MILSTD-810G, Method 502.5,
Procedure I, II, III (Low Temp Storage –40 °C);
Method 501.5, Procedure I & II
(High Temp Storage 70 °C)

Temperature Shock Cycles between –22 °F and 144 °F
(–30 °C and 60 °C), MIL-STD-810G,
Method 503.5, Procedure I-C

Humidity 90% relative humidity with temperatures
between 22 °F and 144 °F (30 °C and 60 °C),
MIL-STD-810G, Method 507.5, Procedure II

Altitude 15,000 ft (4,572 m) at 73 °F (23 °C)
to 40,000 ft (12,192 m) at –22 °F (–30 °C),
MIL-STD-810G, Method 500.5, Procedure I, II & III

Vibration General minimum integrity and
loose cargo tests, MILSTD-810G, Method 514.6,
Procedure I & II, Category 5

Solar Exposure Survives prolonged UVB exposure,
MIL-STD-810G, Method 505.5, Procedure II

Chemical Exposure Resistant to mild alkaline and
acid cleaning solutions, fuel hydrocarbons, alcohols
and common vehicle and factory machine lubricants

PHYSICAL

Size 6.1 in x 3.2 in x .9 in
(15.5 cm x 8.2 cm x 2.5 cm)

Weight 13.5 oz (.4 kg), including battery

ELECTRICAL

Processor 1 GHz, Texas Instruments DM3730

Memory 512 MB

Storage 16 GB, non-volatile

Expansion microSD card slot, SIM card slot

Display 4.3 in (10.9 cm), 480 x 800 pixel, WVGA TFT

Battery 3.7 V, 3.3 Ah, 12.2 Wh, Lithium-ion polymer

I/O3.5mm audio jack;
Custom Port that supports USB 2.0 Host,
USB Client, 9-pin Serial and 5.6 V (5.0 V to 5.9 V)
DC input power

GPS Receiver 2–4 m accuracy with WAAS/SBAS
correction; MCX port for optional external antenna

Radios Bluetooth 2.1 +EDR; Wi-Fi 802.11 b/g/n

WWAN radios UMTS / HSPA+,
GSM / GPRS/ EDGE, UMTS

Bands (WCDMA/FDD) 800, 850, 1900,
AWS and 2100 MHz

GSM Bands 850, 900, 1800, 1900 MHz



CERTIFICATIONS

WFCC, CE, R&TTE, IC (Canada), C-tick, GCF compliant,
RoHS compliant, Section 508 compliant, PTCRB,
SAR, AT&T network compatible, Wi-Fi Alliance certified,
CCX, USB 2.0 Full Speed, MIL-STD-810G, IP65,
MIL-STD-461E.



Contact Information:

AMERICAS

Spectra Precision Division
10355 Westmoor Drive, Suite #100
Westminster, CO 80021 • USA
+1-720-587-4700 Phone
888-477-7516 (Toll Free in USA)

EUROPE, MIDDLE EAST AND AFRICA

Spectra Precision Division
Rue Thomas Edison
ZAC de la Fleuriaye – BP 60433
44474 Carquefou (Nantes) • FRANCE
+33-(0)2-28-09-38-00 Phone

ASIA-PACIFIC

Spectra Precision Division
80 Marine Parade Road
#22-06, Parkway Parade
Singapore 449269 • SINGAPORE
+65-6348-2212 Phone



www.spectraprecision.com

Please visit www.spectraprecision.com for the latest product information and to locate your nearest distributor. Specifications and descriptions are subject to change without notice.

© 2012, Trimble Navigation Limited. All rights reserved. Spectra Precision is a Division of Trimble Navigation Limited. Spectra Precision and the Spectra Precision logo are trademarks of Trimble Navigation Limited or its subsidiaries. The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks is under license. Microsoft, Windows, and Windows Media 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 022487-1400 (10/12)



SCAN THIS CODE FOR
MORE INFORMATION