Featuring onboard GPS, wireless communications and a digital camera, the TSC3 is the contractor’s new information hub.

Rugged, Durable Design
The Trimble TSC3 is water and dust resistant to withstand the toughest weather and jobsite conditions. The controller’s display is designed for operation in all light conditions whether at night or in the bright sunshine. And it operates in temperatures ranging from -30 C to +60 C (-22 F to 140F).

Cable-free Operation
The Trimble TSC3 controller is designed to operate with all Trimble Site Positioning Systems, including the SPS882 GNSS Smart Antenna, SPS852 GNSS Modular Receiver, and SPS series total stations. Integrated Bluetooth wireless technology delivers cable-free communication between the TSC3 and Trimble GNSS Receivers. The integrated 2.4GHz radio provides an ergonomic solution to total station measurement, further eliminating components and cables from the rod.

Connectivity
As part of the Trimble Connected Construction Site, the TSC3 comes standard with integrated 3G modem and 802.11 Wi-Fi capability for instant network access wherever a wireless network is available. This integrated connectivity provides the ability to rapidly send and retrieve data and additionally send/receive email without the need for additional components or plug-in cards.

Ideal for grade checkers, site engineers and surveyors
**TECHNICAL SPECIFICATIONS**

**Standard software**
Windows Mobile® 6.5 Professional operating system, including:
- SMS Text Messaging Support
- Microsoft Office Mobile:
  - Word Mobile
  - Excel Mobile
  - PowerPoint Mobile
- Outlook Mobile
- Internet Explorer Mobile
- Notes / Tasks
- Task Manager
- Calculator
- Microsoft Pictures and Videos
- Customized Camera and Flash control including geo-tagging through Microsoft Pictures & Videos software
- Flashlight mode control application
- Calendar / Contacts
- Windows Media Player
- Messenger
- Adobe Acrobat Reader
- Trimble SatViewer (GPS interface software application)

**Trimble Field Software Solutions**
The Trimble TSC3 controller runs Trimble SCS900 Site Controller Software for heavy construction applications.

**HARDWARE**

<table>
<thead>
<tr>
<th>Physical Specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>141 mm x 278 mm x 64 mm (5.6 in x 10.9 in x 2.5 in)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.04 kg (2.3 lb) including rechargeable battery</td>
</tr>
<tr>
<td>Housing</td>
<td>Polycarbonate (case), Hytrel® (overmold)</td>
</tr>
</tbody>
</table>

**ENVIRONMENTAL SPECIFICATIONS**

Meets or exceeds:

Operating Temperature: 
-30 °C to 60 °C (-22 °F to 140 °F)

Storage Temperature: 
-40 °C to 70 °C (-40 °F to 158 °F)

Temperature shock: 
-35 °C/65 °C (-32 °F/149 °F) MIL-STD-810G, Method 503.5, Procedure I

Humidity: 
90%RH temp cycle -20 °C/80 °C (-4 °F/140 °F) MIL-STD-810G, Method 507.5

Sand & dust: 
IP6x: 8 hours of operation with blowing talcum powder (IEC-529)

Water: 
IPx7: Immersed in 1 m of water for 30 minutes (IEC-529)

Drop: 
26 drops at room temperature from 1.22 m (4 ft) onto plywood over concrete

Vibration: 
General Minimum Integrity and Loose Cargo test MIL-STD-810G, Method 516.6, Procedure I, II, III

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

**ELECTRICAL SPECIFICATIONS**

**Processor**
Texas Instruments Sitara® 3715 series ARM® Cortex-A8™ Processor (800 MHz)

**Memory**
256 MB RAM

**Storage**
8 GB non-volatile NAND Flash onboard

**Expansion**
SDHC memory slot, USB host

**Batteries**
11.1 V, 2600 mAh, 28.9 Wh Li-ion rechargeable pack

**Battery life**
34 hours under normal operating conditions

**Certifications**
Class B Part 15 FCC certification, CE Mark approval and C-tick approval. RoHS compliant. Bluetooth type approvals and regulations are country specific.


Country type certifications: USA, Canada, EU, New Zealand, Australia.

Pending certifications: Brazil, China (PRC), India, Japan, Republic of Korea, Russia, Taiwan, Thailand, UAE.

Specifications subject to change without notice.