Trimble TSC5

KEY FEATURES

► Back-lit international alphanumeric keypad with directional keys
► 12 programmable function keys
► Function, Shift and AGr key combinations
► Ergonomic design, easy to grip and carry, less handling fatigue
► All day battery, with user-replaceable battery option
► 5-inch multi-touch screen—with finger, stylus and glove modes
► Bright, anti-glare display, readable in sunlight and lowlight conditions
► Military-spec rugged design, IP65 rated
► Android™ 10 operating system
► Google Mobile Services certified with access to Google Play™ store apps
► Optimized for Trimble® Access™ field software
► EMPOWER module compatible

Learn more:
geospatial.trimble.com/TSC5
**PHYSICAL SPECIFICATIONS**

- **Size**: 287.1 mm x 175.6 mm x 43.9 mm (11.3" x 6.9" x 1.7")
- **Weight**: 934 g (2.06 lbs) including optional removable battery, EMPOWER module, pole bracket and other accessories
- **Housing**: PC-EXL9330 case with TPU-Texin990 overmold

**ENVIRONMENTAL SPECIFICATIONS**

- **Operating Temperature**: MIL-STD-810H, Method 501.7 & 502.7, Procedure II
  - –30 °C to 60 °C (–22 °F to 140 °F)
- **Storage temperature**: MIL-STD-810H, Method 501.7 & 502.7, Procedure I
  - –40 °C to 70 °C (–40 °F to 158 °F)
- **Startup temperature**: –20 °C to +60 °C (–4 °F to 140 °F)
- **AC adapter / charging temperature**: 0 °C to +40 °C (32 °F to 104 °F)
- **Dust**: IP6x: 8 hours with blowing talcum powder (IEC 60529)
- **Water**: IPx5: Water jet 6.3 mm diameter @ 3 minute, 12.5 liter/minute (IEC 60529)
- **Humidity**: MIL-STD-810H, Method 507.6 Procedure II
  - 90% RH temp cycle +30 °C / +60 °C (+86 °F / +140 °F)
- **Vibration**: MIL-STD-810H, Method 514.8 Procedures I & II
- **Altitude (low pressure)**
  - General Minimum Integrity and Loose Cargo Test
  - MIL-STD-810H, Method 500.6, Procedures I (storage), II (operating) & III (rapid decompression)
  - Operational at 9,192 m (30,000 ft) at –30 °C or –22 °F
  - Storage at 12,192 m (40,000 ft) at –30 °C / –22 °F
  - Operational at 9,192 m (30,000 ft) at 5 °C / 41 °F
  - Rapid Decompression 2,438 m (8,000 ft) to 12,192 m (40,000 ft) in <15 seconds at 25 °C / 77 °F (IEC 60529)
- **Temperature Shock**: MIL-STD-810H, Method 503.7, Procedure I-C
  - Survives cycles between –30 °C and 60 °C
  - Survives at (–22 °F and 140 °F)
- **Solar Exposure**: MIL-STD-810H, Method 507.5, Procedures I & II
  - Survives prolonged solar exposure
- **Salt Spray**: ASTM B117 5% salt solution, 96 hrs

**SECURITY**

- Application security, hardware token, Qualcomm® processor security, hardware backed encryption, storage encryption, TLS 1.3, platform hardening, quarterly Android security patches.

**CONFIGURATIONS**

- **EMPOWER module support**: 1 x module bay supports EM100 GNSS radio module, EM120 2.4 GHz receiver module, EM11x

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