

Specifications

Trimble TSC3 Controller



Hardware

Size	141mm x 278mm x 65mm (5.6 in x 10.9 in x 2.5 in)
Weight	1.04 kg (2.3 lb) including battery 1.10 kg (2.4 lb) including 2.4 GHz radio
Memory	128 MB SDRAM, 8 GB internal non-volatile NAND Flash
Expandable memory	SDHC & USB
Processor	Texas Instrument Sitara™ 3715 series ARM™ Cortex-A8™ Processor (800 MHz)
Wireless	integrated Wi-Fi 802.11 b/g
Power	1.1 V, 2600 mAh, 28.9 Wh Li-Ion rechargeable pack Battery life of 34 hours under normal operating conditions1. Full charge in 3.0 hours.

Environmental

Temperature – Operating	-30 °C to +60 °C (-22 °F to +140 °F)
Temperature – Storage	-40 °C to +70 °C (-40 °F to +158 °F)
Humidity	.90%RH temp cycle -20 °C/60 °C (-4 °F/140 °F)
Sand and 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)
Drops	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 514.6, Procedures I, II
Altitude	4,572 m (15,000 ft) at 23 °C (73 °F) and 12,192m (40,000 ft.) at -30 °C (-22 °F) MIL-STD-810G, Method 500.5, Procedures I, II, III

Interface

Display – General	4.2 in (107 mm) landscape VGA display, 640 x 480 pixels sunlight-readable color TFT with LED backlight, resistive touchscreen
Display – Resolution	VGA display, 640 x 480 pixels
Keyboard	Full ABC keyboard with 10-key number pad, directional buttons, and 4 programmable buttons
Audio	Integrated speaker and microphone with 3.5 mm stereo headset connection for audio system events, warnings, and notifications
Operating system	Windows Mobile® 6.5 Professional

Input/Output

Ports:	
RS-232 9-pin	Yes
USB client	Yes
USB host	Yes, Mini-USB
Bluetooth wireless technology	Yes
DC Power	Yes
Expansion	
Type I CF slot	No
Type II CF slot	No
ExpressCard (34mm) slot for cell modem	No
SD slot	No
Micro SD slot	Yes

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Other

Office Dock	Optional available
Active Vehicle Dock	No
Integrated GPS	Yes
Front facing camera	No
User facing camera	Yes
Integrated 3.75G cellular modem	Yes
Accelerometer	Yes
Digital Compass	Yes
Integrated Scanner	No
VOIP Support	Yes
Cell Phone	No
Warranty	1 year standard warranty, extendable up to 5 years

2.4 GHz Radio Modem

Optional

Specifications subject to change without notice.

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Trimble Heavy and Highway Business Area

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