



Trimble TCU5

MODEL 2

CONTROLLER FOR TRIMBLE S SERIES TOTAL STATIONS



Take control of the way you work.

KEY FEATURES

- ▶ Combines latest Trimble® Access™ field software with Trimble S Series Total Stations
- ▶ Wi-Fi connectivity, including Trimble Sync Manager support
- ▶ Android™ operating system
- ▶ 5-inch multi-touch screen
- ▶ Portability for ease of data transfer in the office connecting via the docking station
- ▶ In-the-field flexibility to be an integrated on-board control unit or robotic data collector
- ▶ Bluetooth connectivity for GNSS receivers and auxiliary devices

Learn more:
geospatial.trimble.com/TCU5

Trimble TCU5 MODEL 2 - CONTROLLER

STANDARD FEATURES SYSTEM

- Wi-Fi IEEE 802.11 a/b/g/n 2.4 GHz / 5 GHz dual-band
- 5.0 inch LED-backlight screen with capacitive multi-touch
- i.MX 6 series 32-bit MPU, Dual ARM Cortex-A9 core
- 2 GB RAM
- 16 GB flash memory
- Integrated speaker
- Bluetooth® v 4.1

OPERATING SYSTEM

- Android 7.1.1 (Nougat)
- Languages available: Afrikaans, Azerbaijani, Bulgarian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Italian, Japanese, Korean, Lithuanian, Norwegian (Bokmål), Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Serbian (Cyrillic), Simplified Chinese, Spanish, Swedish, Turkish
- Software package includes: Trimble Installation Manager

STANDARD ACCESSORIES

- USB cable
- Docking station including power supply

OPTIONAL ACCESSORIES

- Pole bracket
- Robotic holder

SOFTWARE COMPATIBILITY

- Trimble Access
- Trimble Precision SDK for Android

HARDWARE COMPATIBILITY

- S5, S7, S9, S9 HP Robotic Total Stations

TECHNICAL SPECIFICATIONS PHYSICAL

Size	176 mm x 112 mm x 30 mm (6.9 in x 4.4 in x 1.2 in)
Weight	437 g (0.96 lb)
Processor	i.MX 6 series 32-bit MPU, Dual ARM Cortex-A9 core
Clock frequency	800 MHz
Memory	2 GB RAM
Storage	16 GB
User Interface Keyboard	Power key, Spider key, Enter, 3 standard Android keys
Audio	Built-in speaker

TOUCH SCREEN

Size	5.0" capacitive multi-touch
Resolution	1280 x 720

ENVIRONMENTAL

Temperature	
Operating	-20 °C to +50 °C (-4 °F to +122 °F)
Storage	-30 °C to +70 °C (-22 °F to +158 °F)
Humidity	95% non-condensing (EN60068-2-30)
Water & Dust proof	IP65
Free drop	1 m (EN 60068-2-31)



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