INFO SHEET

# Trimble TSC510

CONTROLLER

## Connect to a better way to work

Boost your field efficiency with the **Trimble® TSC510 controller**. Designed for optimal performance, this robust handheld device is built to streamline your data collection and surveying tasks. Its intuitive interface and powerful processing capabilities ensure accuracy and speed, even on complex projects. With a focus on durability and connectivity, the TSC510 is equipped to handle challenging environments while keeping your team connected through various communication options.

Experience seamless workflows and reliable data management with the TSC510, your essential partner for productive field operations.

## Key benefits

**Productive**
The TSC510 is engineered for peak performance with a 2.2 GHz Qualcomm processor, ensuring rapid data processing for demanding tasks. Running on Android™ and optimized for Trimble Access™ and Trimble Siteworks field software, it provides a smooth, integrated surveying experience and access to a vast app ecosystem. Plus, 12 programmable function keys streamline workflows and maximize efficiency by customizing frequent tasks.

**Rugged**
The TSC510 is built for resilience with a durable, military-spec design and IP68 water and dust resistance, ensuring reliable performance in any tough environment. Count on all-day battery life from its long-lasting and supplemental options for uninterrupted productivity. And, its ergonomic, lightweight design ensures comfortable, all-day use, reducing field fatigue.

**Collaborative**
The TSC510 keeps you connected with Wi-Fi®, Bluetooth® and 4G WWAN. It enables seamless data exchange with the office, allowing real-time design updates and measurement sharing to improve decision-making and reduce errors. For extended reach, an optional Trimble Empower™ module adds long-range radio functionality.

**Flexible**
The TSC510 works perfectly with your existing Trimble GNSS receivers, including the R12i and R780, and integrates smoothly with Trimble site positioning systems (SPS) hardware, like total stations. This broad compatibility ensures you have the tools you need for a vast array of surveying and construction projects.

## Your robust field companion

The TSC510 is engineered to boost your efficiency and optimize field workflows. Its tight integration with Trimble Access or Trimble Siteworks field software and a powerful Qualcomm processor enable you to handle complex data and demanding surveying tasks with speed and accuracy.

The 5-inch, sunlight-readable touchscreen provides clear visibility for all your data, leading to fewer errors and increased precision. With an all-day battery and an optional supplemental battery to double its life, your crews can work continuously without interruption, ensuring projects are completed faster and more effectively.

The TSC510 is your reliable partner because it's built to perform consistently and deliver the results you need in any demanding field environment.

## Technical information

Features and specifications include*:

- 5-inch multi-touch sunlight-readable screen that works with finger, gloves or stylus
- Secure, modern and widely used Android operating system
- 2.2 GHz Qualcomm processor with sufficient memory and storage for field data
- Connect via 4G WWAN, Wi-Fi or Bluetooth including potential NFC capabilities
- Integrated camera
- All-day battery life with configurable and user supplemental battery options, designed for continuous operation in the field
- Compact and ergonomic design, optimized for comfortable, all-day carrying and use

*See the product spec sheet for full details

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