INFO SHEET

Trimble Empower modules

Accurate and affordable professional-grade

With Trimble® Empower™ modules, get more out of your Trimble TSC510 and TSC710 controllers or Trimble T70 and T110 tablets. Extend the usability of your Trimble Empower-enabled field devices for a faster return on investment.

Rugged, lightweight site positioning

With support for a range of different correction sources, Empower modules have everything you need to turn your rugged field device into a complete data collector.

Fully integrated solution

Trimble Empower modules offer a fully integrated user experience without the need to carry extra equipment. Add radio to your receivers when you need it for easier and more accessible site positioning.

Future-proofed flexibility

Benefit from reduced downtime with this simple, cost effective solution. Where an integrated radio would require a service repair, Empower modules are user replaceable.

Trimble Empower-enabled data collectors are designed for upgradability and expanded abilities as technology needs change. Utilizing Empower modules in the place of additional radios, deploy different combinations of hardware based on the complexity of the job requirements and available personnel.
With the flexibility to work with a range of Trimble technology, get the confidence of knowing that your investment is scalable for future needs.

Key features

- Modular design to add radio across all receivers
- Simple design — made for hassle free use and movement
- Ultra-rugged housing built to withstand harsh construction site conditions



Add a Trimble Protected protection plan for worry-free ownership over and above the standard Trimble product warranty. Added enhancements include coverage for wear and tear, environmental damage, and more. Accidental damage is covered with Premium plans, available only at point-of-sale in selected regions.

For details, visit trimbleprotected.com or contact a local Trimble dealer.

Trimble

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Surveying applications

The Empower modules offer accuracy and reliability for construction site positioning, stakeout and measurement in a compact design perfect for one-person operation. The easy-to-use, surveying solutions support a range of applications, including:

- Estimation activities (e.g. areas and lengths)
- Laying out temporary infrastructure (e.g. silt fence and erosion control barriers)
- Site inspections
- Topographic surveys
- Grade checking

Trimble Empower EM140

Streamline your fieldwork with Bluetooth® long-range radio (BLR) for seamless wireless communication between compatible robotic total stations and data collectors. Full support for the Trimble ST30 smart target, enables fast, precise optical tilt-compensated measurements.

Trimble Empower EM940

Switch between 450 and 900 MHz radio on a single receiver to eliminate duplicate site infrastructure worldwide. Work off a local base via a reliable radio connection to reach remote areas, boost RTK performance and maintain high accuracy without an internet connection.

Trimble Empower EM450

Delivers dedicated 450 MHz UHF radio communication for GNSS RTK systems. Only available in select countries where 900 MHz frequencies are restricted by law.

Trimble Empower EM120

A license-free 2.4 GHz long-range radio module for Trimble robotic total stations. Expands data collector compatibility without compromising range or robotic functionality.

TRIMBLE EMPOWER ENABLED

Trimble Inc.
10368 Westmoor Drive
Westminster, CO 80021
USA

trimble.com

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