Topcon DS-200i Series Total Stations

A professional video motorized total station. This is a mid-ranged positioning imaging product for the construction professional that is looking for productivity enhancement from servo motors, with enriched video images that can capture measured positions. The on-board Magnet on-board software has an intuitive interface to assist with staking out complex structures. This rugged waterproof designed total station has the latest technology of TSshieldTM advanced security and maintenance, and exclusive LongLinkTM communications with optional RC-5 for quick lock function or HiperSR for Hybrid Positioning.



- Real-time Video Imaging with 5MP camera
- Auto-Tracking Technology
- Hybrid Positioing Ready
- Exclusive LongLink Communications
- RC-5 Quick Lock Option
- Rugged Waterproof Design



Topcon RC-5 Remote

Real-time Video Imaging with 5MP Camera

The Topcon DS-200i enriches the measurement experience with the 5Mega pixel camera. Every measurement has the option of a photo that can be tagged as an attribute. The real-time Video can allow for Non-prism measurements to be aimed and measured to remote objects saving time without having to return to behind the tripod. The real-time video allows the remote user to know exactly what he is measuring. The Touch screen video and arrow keys on the controller allow the user to point the DS-200i as if you were looking through the telescope.

Auto Tracking

The revolutionary auto tracking technology of the DS-200I dramatically increases power for prism tracking. Employing entirely optics, laser system, and further advanced algorithms,

the DS Series with unsurpassed ability to keep tracking a moving prism even under the toughest environmental conditions.

Data Collection Software

The MAGNET On-Board software boasts an intuitive graphical interface to assist with topography and traverse surveys, as well as staking out complex structures. This rugged, waterproof total station has the latest technology of TSshield^{TM} advanced security and maintenance, and exclusive LongLink^{TM} communications.

Hybrid Ready

The Topcon DS total station can be upgraded with auto-tracking firmware to make it the ideal base instrument for a Hybrid Robotic System. Pairing a tough and durable Topcon HiPer SR job site receiver on top of the prism makes this versatile system one of the most productive land measurement systems available.

Fast and Powerful EDM

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