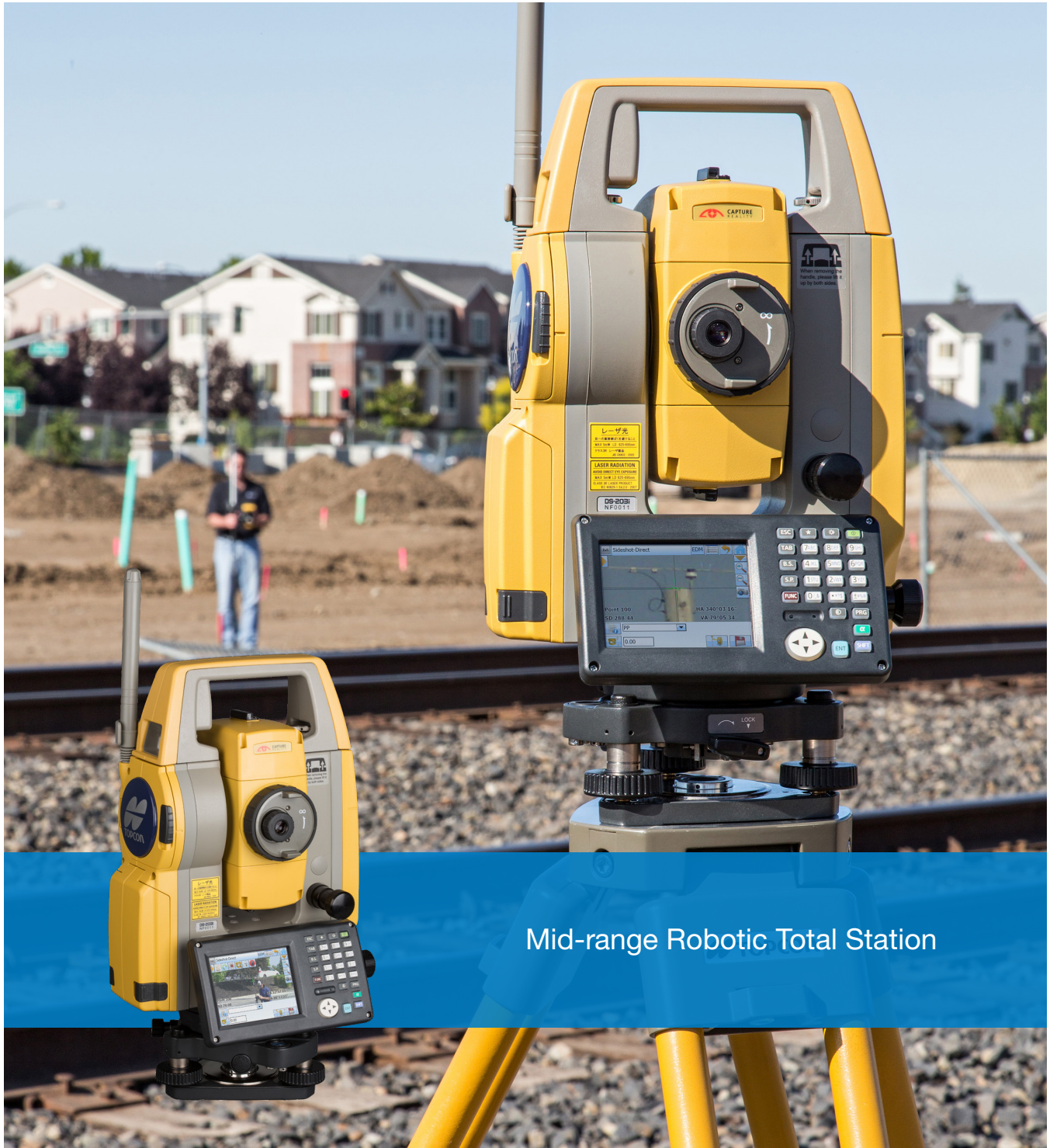


Imaging Robotic Total Station

DS-200i Series



Mid-range Robotic Total Station

Imaging Robotic Total Station

DS-200i Series

The DS-200i is a mid-ranged professional motorized total station designed for the construction professional who is looking for productivity enhancement from servo motors and auto-tracking technology. The MAGNET® on-board software intuitive interface assists with image capture and photo notes of field activity. For even higher productivity levels, use a field controller with MAGNET Field software for robotic, one-operator control.

Work directly on the bright, color touch screen or with the alpha-numeric keyboard, to achieve higher levels of production with MAGNET Field on-board software. The DS-200i total station can be used on a wide variety of applications, from building layout to earthwork volumes and land surveying.

LongLink™

When connected with an external data collector, LongLink™ communication provides the power at the remote rod position. The operator records the data for codes and rod heights for as-builts, eliminating the most common errors. For stakeout, the operator can view directions required to find stake points. The DS with the XPointing feature finds the center of the prism automatically.

Real-time video imaging with 5 megapixel camera

Auto-tracking technology

Hybrid Positioning™ ready

Exclusive LongLink™ communications

RC-5 quick lock

Rugged, waterproof design





- | | |
|---|---|
| 1 Ultra-wide 5 megapixel camera | 5 Rugged waterproof/dustproof IP65 design |
| 2 Easy access USB Type A/B flash drive port | 6 Exclusive "STAR-KEY" functionality |
| 3 Fast and powerful EDM 1,000 m non-prism range | 7 Backlit 25 key keyboard and directional arrow key |
| 4 Advanced angle accuracy | |

Photo documentation with live video

The 5 megapixel camera in the DS-200i provides an operator the ability to photo document and as-built. Office staff can easily identify objects in the field with description codes and attributes. Live video provides the user verification that the total station is on the prism for quick reacquisition. With reflectorless measuring, take remote measurements through fences or distant objects, without losing time having to return to the tripod.





Ultra-wide 5 megapixel camera

The on-board camera provides photo documentation in the field and can transmit live video using high-speed WLAN as an access point (AP), allowing an FC-5000 or Windows 10 tablets to easily connect.



Hybrid Positioning™ technology

Use both GNSS positioning and optical positioning data simultaneously to improve field measurement efficiency. Hybrid Search provides a quick lock for the prism.



Ultra-powerful advanced EDM

The 1,000 m reflectorless measurement can be achieved with a smaller beam spot size. Measurements can be as fast as 0.9 seconds.



Rugged waterproof design

The IP65 rating provides protection from dust and driving rain as well as other inclement weather conditions. Operates in temperatures from -20°C to 50°C.



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www.topconpositioning.com/ds-series

