

# RC-4 Remote System



Topcon's RC-4 is a new, compact QuickLock remote system that integrates an array of advanced technologies that increases productivity on survey projects. The RC-4 uses dual lasers, a built-in spread-spectrum radio and Topcon's QuickLock technology to create on-the-job efficiencies from stakeout to topo and from construction layout to as-built surveys.

Designed for use with the new Topcon QS (Quick Station) robotic total station, Topcon IS (Imaging Station), and the Topcon 9-Series robotic total stations, the remote RC-4 commands the robotic total station to start searching via optical signals carried by laser beams. This optical link eliminates the possibility of false lock to the other prism or reflective objects.

When the RC-4 QuickLock system is activated, the robotic station detects the laser beam and immediately rotates toward the RC-4.

The field controller can be connected to the RC-4 remote using Bluetooth wireless technology. One RC-4 remote unit can operate up to six total stations. The system has a working range of 400m (1,310ft).

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<https://www.gim-international.com/content/news/rc-4-remote-system>

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