

New Topcon GNSS Receiver



The new GR-5 GNSS receiver from Topcon Positioning Systems (TPS, USA) introduces its Fence Antenna technology and expanded channel support, providing high tracking sensitivity and multipath rejection in a compact and lightweight package. The device can perform any task for survey, engineering or construction, and its rugged I-beam design can withstand a two-metre (six-foot) drop onto concrete.

The new GR-5 receiver features also include a high-accuracy RTK engine with position updates up to 100Hz; integrated dual communication system with multiple radio and cellular combinations; IP66 dustproof and waterproof rating; MIL-STD shock and vibration tolerance and Bluetooth connectivity. It operates with the full range of Topcon controller software packages and includes a precision-tuned, micro-centred antenna with full wave tracking.

Combining the GR-5 and Topcon FC series controllers, including full-color screens and rich graphical interfaces, with TopSURV and Pocket 3D software for survey and construction jobs respectively creates a powerful tool that performs the most simple or difficult tasks.