

RTK GNSS Receiver



GEO TAG Engenharia (Brasil) has introduced the new multi-constellation RTK GNSS receiver GEO TAG MT.Pro. A pair of Trimble's Maxwell 6 chips provide most accurate and precise positioning and navigation and capable of receiving GPS, GLONASS and Galileo (-ready) satellite signals.

The MT.Pro receiver is created for professional and precise positioning applications include land/marine surveying, construction and machine control, agriculture and infrastructure monitoring.

The GEO TAG MT.Pro receiver is designed to allow centimetre-level positioning and dual-antenna inputs for precise heading.

Other key features are high-precision, differential positioning accuracy subfoot-level and subdecimetre-level with OmniSTAR; heading accuracy up to 0.05°; positioning & heading at rates of up to 50Hz ; simultaneous L1, L2, L5 signals and 220 channels; differential options including OmniSTAR (VBS/XP/G2/HP), Radio Beacon, SBAS; support of RTCM v3 and CMR+; high-precision multiple correlator for GNSS pseudorange measurements; provides on-board multipath mitigation, proven low-elevation tracking technology and fast RTK initialisation; raw measurement data available for post-processing applications.

GEO TAG Engenharia is also an authorised distribution partner of OmniSTAR.