

Mars Laser RTK



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Laser Technology

Mars' precise laser replaces range poles in difficult conditions, enhancing work range and safety. This synergy of the GNSS receiver and laser module aligns well with surveyors' usage habits, simplifying work in unique circumstances.

IMU

Mars boasts a 3rd generation built-in IMU sensor that detects minute accelerations from the laser point or range pole. Using advanced algorithms, it can maintain high precision with tilt compensation up to 60° in laser mode, simplifying field surveying and eliminating manual initialization.

New K8 Platform

Featuring 1590 channels and the ability to track more than 50 satellites, Mars is not just versatile, but also efficient by supporting SBAS PPP services. With its capability to achieve fixation within seconds, it significantly enhances productivity.

Enhanced UHF

The integrated UHF transceiver module, built into the Mars device, boasts an impressively long operational range of up to 15 kilometers. Mars offers flexibility by allowing users to freely switch between rover and base modes.

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