

# Trimble TDL 450H Long-range Radio



Trimble has introduced the Trimble TDL 450H radio, a long-range solution in the Trimble TDL 450 radio modem series designed to support high-precision Global Navigation Satellite System (GNSS) surveying applications.

The Trimble TDL 450H is a 2-35 Watt (user programmable) radio transceiver. Its 35W of power maximises range, enabling work in difficult terrain and urban areas. The multi-function user interface streamlines field configuration and troubleshooting so surveyors can maintain maximum productivity. The radio modem allows users to adapt as conditions require: for longer baselines surveyors can dial up the power, and when the work area is

smaller, a lower power output can extend battery life.

The Trimble TDL 450 series offers flexible field configuration options and rugged reliability. The series is available in two frequency bands to cover the entire commercial UHF band without sacrificing radio performance. It also allows the user to select from either 12.5 or 25kHz channel bandwidth. This high-power radio comes with a new protocol offering 9600 bps in a 12.5kHz channel without loss of range.

The Trimble TDL 450 series is an advanced, high-speed, wireless UHF data radio built to endure the stresses of daily use in harsh conditions. Full metal construction provides impact and weather resistance that will keep surveyors working with confidence. The Trimble TDL 450 series also provides access to diagnostic data in the field, allowing surveyors to solve signal strength challenges and make real-time adjustments to stay more productive.