

DATASHEET TRIMBLE SPS985 GNSS SMART ANTENNA



ULTRA-RUGGED HOUSING BUILT TO WITHSTAND HARSH CONSTRUCTION SITE CONDITIONS

GNSS RECEIVER, ANTENNA, AND BATTERY IN ONE UNIT

CONNECTED SITE ENABLED WITH INTEGRATED WI-FI, BLUETOOTH, AND OPTIONAL WIDEBAND RADIO

QUICK RELEASE CONNECTOR MAKES IT EASY TO MOVE THE UNIT BETWEEN CASE, RANGE POLE, ATV, AND TRUCK

RUGGED, RELIABLE POSITIONING

The ultra-rugged Trimble® SPS985 GNSS Smart Antenna offers unmatched reliability for construction site positioning. Ideal for use on small and large job sites, the SPS985 can serve as a GNSS rover system or as a Wi-Fi® enabled base station for other GNSS operations including machine control.

Easy-to-Use Rover

The SPS985 is engineered to stand up to the most dynamic and rugged jobsite measurement applications. The integrated smart antenna design and quick release connector make it easy to transport and set up on a range pole, ATV or supervisor truck.

The SPS985 can move from one site measurement application to another with one quick release, saving set up time and maximizing use time. For example, a grade checker can mount the SPS985 to an all terrain vehicle and conduct site topos, check as-builts, and road center lines in even the roughest site conditions. The SPS985 can withstand the high vibration scenarios often seen on ATV-mounted site work without interruption or fear of damage.

The SPS985 integrates numerous timesaving features in a compact and rugged system. It has never been so quick and easy to get measuring. Initial site work and topo can even be done base station free using satellite delivered GNSS corrections to the rover.



The Construction Technology Standard
construction.trimble.com

TRIMBLE SPS985 GNSS SMART ANTENNA

Trimble SCS900 Site Controller Software

With Trimble SCS900 Site Controller Software and the SPS985, you can:

- Determine cut/fill on a range pole, utility vehicle, or truck
- Stake out site or road features, utilities, daylight lines and side slopes
- Measure progress and calculate material stockpile volumes
- Carry out as-built measurements, grade checks and laid material thickness checks

Trimble Web UI

The Trimble Web UI™ eliminates the need to travel to the job site for routine monitoring of the established base station. Now you can assess the health and status of the base station and perform remote configurations from the office. Setting a new standard for rugged reliability, the SPS985 GNSS Smart Antenna keeps your crews working, not wasting time with GNSS maintenance.

Reliable Base Station

The SPS985 can also serve as a powerful site base station, using integrated Wi-Fi or optional radio to send and receive corrections for rover or machine control work. It is the easiest base station on the market – just put it on the tripod, switch it on, and you're ready to go. The SPS985 will automatically establish a Wi-Fi connection with the machine radio or GNSS rover and begin transmitting corrections.

With integrated Trimble 360™ receiver technology, the SPS985 GNSS Smart Antenna can "see" more GNSS constellations and signals than traditional GPS, so you can expect greater accuracy in more challenging conditions such as under tree canopy and in urban areas. That also means more uptime using the system and more productivity for your job crews.



YOUR SITECH® CIVIL CONSTRUCTION TECHNOLOGY PROVIDER

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