

DATASHEET TRIMBLE SPS585 GNSS SMART ANTENNA



COMPACT, LIGHTWEIGHT
AND AFFORDABLE

USE VRS, IBSS OR
CENTERPOINT RTX
CORRECTION SERVICES

CONNECTED SITE
ENABLED WITH
INTEGRATED WI-FI AND
BLUETOOTH

MAGNETIC MOUNT
MAKES IT EASY TO MOVE
THE UNIT BETWEEN
CASE, RANGE POLE,
AND TRUCK

AFFORDABLE POSITIONING

The Trimble® SPS585 GNSS Smart Antenna is the smallest and lightest receiver in the Trimble Site Positioning Systems portfolio. Designed for contractors who use Virtual Reference Station (VRS™), Internet Base Station Service (IBSS), or CenterPoint™ RTX™, the SPS585 is an extremely affordable high precision GNSS solution.

Innovation and Performance

Ideal for site supervisors, engineers and inspectors, the SPS585 can be easily mounted on a vehicle or survey pole, providing flexibility to meet many construction site applications.

With standard 10cm (0.33ft) horizontal and vertical precision, the SPS585 is a great tool for feature location and site positioning for environmental and geotechnical services. Precision upgrades are also available, making the SPS585 scalable to meet the needs of construction surveying applications such as layout, grade checking, and volume calculations.

The SPS585 is well suited as a network rover and can utilize VRS, IBSS, and Centerpoint RTX correction services. Integration with Trimble SCS900 Site Controller Software and Trimble SitePulse™ software is easy to setup, allowing users to get up and running on site quickly and seamlessly. Full GNSS dual frequency tracking and positioning comes standard, along with Trimble's xFill service. xFill gives users the ability to maintain RTK precisions during temporary interruptions in RTK correction sources.



The Construction Technology Standard

TRIMBLE SPS585 GNSS SMART ANTENNA

Benefits

- Trimble's most affordable receiver for civil construction
- Compact and lightweight
- Easily transferable from vehicle to pole
- No base station setup
- Built-in magnetic mount or permanent mounting for easy vehicle use
- Cable free operation
- Easy user interface shows status
- Fully configured out of the box
- No activation required
- Upgradable precision options

Features

- 10cm (0.33ft) Horizontal and 10cm (0.33ft) Vertical precision as standard
- Precise Rover upgrade, 1cm (0.033ft) H, 2cm (0.066ft)
- 10/2 Rover upgrade, 10cm (0.33ft) H, 2cm (0.066ft)
- Compatible with Trimble Site Tablet or third-party Android tablets
- Requires SitePulse or SCS900 v3.41 field software
- CenterPoint RTX ready (subscription required)
- Integrated magnets for vehicle or pole mounting
- 220 channel, dual frequency GNSS (GPS, GLONASS, BeiDou, Galileo, QZSS)
- GNSS tracking for all available constellations already installed
- Internal Bluetooth and Wi-Fi
- Trimble xFill enabled
- Operates within a VRS or IBSS network
- Web User Interface



YOUR SITECH® CIVIL CONSTRUCTION TECHNOLOGY PROVIDER



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