Hemisphere®

SiteMetrix®



SITEMETRIX® GRADE

SITE MANAGEMENT AND GRADE CHECKING SYSTEM

Hemisphere®

SITEMETRIX® GRADE

Hemisphere GNSS' construction site supervisor system, including SiteMetrix® Grade and the multi-frequency, multi-GNSS C631 RTK base and rover, is the ultimate tool to help you manage job site activities. SiteMetrix is designed to be user friendly, easy to understand, and portable.

Use the system to localize sites, check grade, configure base stations, set your own stakes, and calculate volumes of material removed, resulting in significant ROI for your operations immediately



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YOUR BENEFITS AT A GLANCE

- Reduce costs by setting out and checking grade in-house
- Minimize external survey fees
- Calculate volumes of stockpiles or volumes of material moved
- Collect topos to build existing or design surfaces
- Check grade from your truck with supervisor mode
- Finish jobs faster and more efficiently with less cost and material

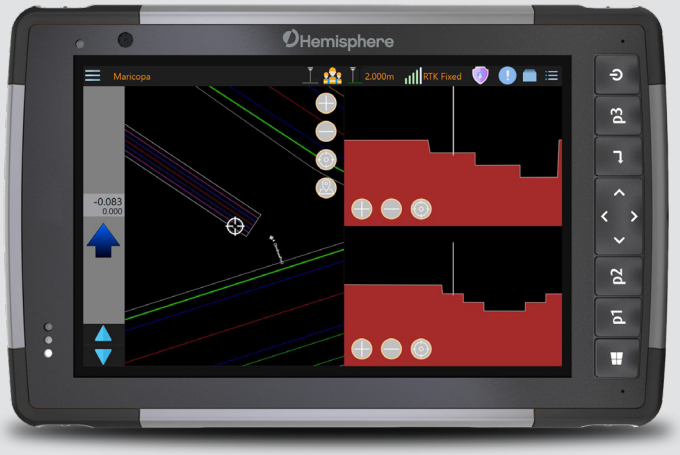
SITEMETRIX® GRADE KEY FEATURES

- Easy-to-use user interface
- Stake out design points on your site
- Collect as-built features of your site
- Collect topo shots to create surfaces for volume comparisons
- Configurable to operate on a vehicle or as a manned rover
- Configure, convert, and manage files for Hemisphere GradeMetrix® machine control systems
- Create pads, slopes, and ramps for use either stand-alone or for upload to GradeMetrix® machine control systems
- Network RTK compatible
- Supports common generic file formats; DXF, DWG, and LandXML



RUGGEDIZED HARDWARE

Hemisphere's SiteMetrix Grade solution is powered by hardware components that have passed extensive shock, vibration, and environmental testing to withstand the harshest job site conditions.





HT20 RUGGEDIZED TABLET

- IP68 and MIL-STD-810G rated tablet
- Sunlight viewable display
- Microsoft Windows™ 10 operating system
- Bluetooth, Wi-Fi, and cellular modem connections
- 8GB RAM and 128GB storage



C631 RUGGEDIZED BASE/ROVER

- Multi-frequency, Multi-GNSS GPS/GLONASS/ BeiDou/Galileo/QZSS (all standard)
- Integrated 400/900MHz radio
- Powerful WebUI with serial, Bluetooth and Wi-Fi connections
- Integrated global cellular modem
- Integrated IMU for tilted pole measurements
- Athena™ RTK engine provides best in class GNSS performance (includes aRTK as a standard feature)
- Supports long-range 50Km RTK baselines





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