

PM3-RTK High Precision GIS (HPG) configuration

Work at the 1cm level or sub-foot level for your GIS data collection...both in horizontal and vertical.

Enjoy the convenience of running survey-grade accuracy off of an RTK Network for the same dollars you'll spend for a GIS hand-held alone. Centimeter level accuracy is available with baselines up to approximately 6 miles. Baselines over 6 miles will provide decimeter accuracy.

The RTK PM3 HPG configuration is the most affordable RTK solution on the market today. The PM3-RTK delivers 1cm or decimeter accuracy in real-time which makes it ideal for GIS data collection where horizontal and vertical accuracy are important. You can't get this kind of vertical accuracy with a hand-held GIS unit.

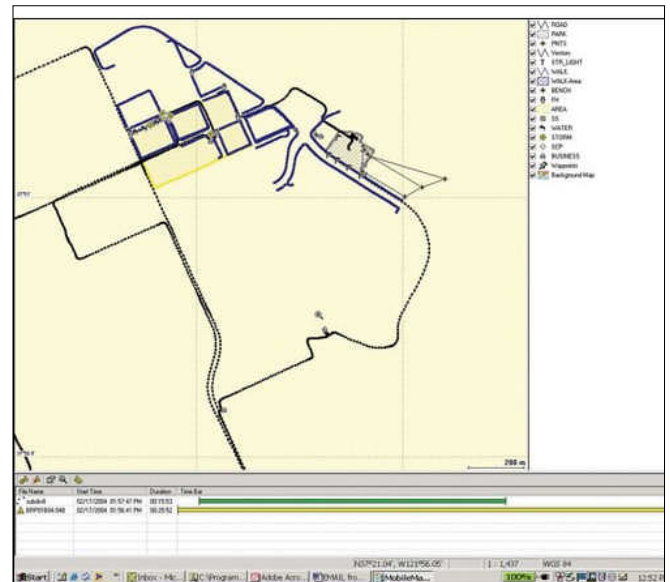
Using Magellan's Survey data collection software and MobileMapper Office software suite, the PM3 RTK can work with ESRI (shp), AutoCAD (DXF), MapInfo (mif) and ASCII (csv) files.



#PM3RTKHPGIS

Price: \$5,145.00

All ProMark 3 systems sold by Resource Supply, LLC include 4 hours of free training at the Tigard office. For more information please call Jon Aschenbach at 503-707-6236 or email: jon@resourcesupplyllc.com.



Mobile Mapper Office Software

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PM3-RTK High Precision GIS (HPG) Specifications:

GNSS Characteristics:

- 14 parallel channels
- L1 C/A code and carrier
- SBAS tracking and use in RTK process
- RTCM 2.3 (rover mode)
- Connectivity: NTRIP & Direct IP
- Update rate: 1 Hz

Real Time Accuracy (baselines less than 10km)

- RTK Horizontal—Fixed 1cm + 1ppm
- RTK Horizontal—Float 20cm + 1ppm
- (WAAS, EGNOS) Horizontal: < 1m

Post-Processed Accuracy

Static:

- Horizontal: 0.005 m + 1 ppm
- Vertical: 0.01 m + 2 ppm
- Observation time: 4 to 40 minutes

Kinematic Survey

- Horizontal: 0.012 m + 2.5 ppm
- Vertical: 0.015 m + 2.5 ppm
- Recommended Initializer bar occupation 5 min.

Internal Memory Capacity

Up to 72 hours of 10 satellites @ 1 second interval

Size and Weight:

- Receiver Dimensions: 7.7" x 4.6" x 1.8"
- Receiver Weight: 1.05 pounds
- Antenna: 1.00 pounds (7.5" diameter)

Receiver

- Operating Temperature: 14 to 140 degrees F.
- Water Resistant
- Shock resistant to 4.9 feet drop onto concrete

Battery Life: 8 hours typical (External power option available)

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Included in the ProMark 3 Single Unit RTK Set:

- ProMark 3 RTK receiver
- Antenna and vertical extension
- Mobile Mapper Office Software
- Instructions and ProMark 3 receiver accessories