

## The Leader in Positioning Technology...

Topcon Positioning Systems is the worldwide leading developer and manufacturer of precision positioning equipment and offers the widest selection of innovative precision GPS systems, laser, optical surveying, and machine control products.

From open-field construction projects to isolated surveying sites and from rolling farmland to inner city utility projects, Topcon Positioning Systems creates innovative technology solutions that give a decidedly competitive edge to end-users.

Recognized as the innovative trend-setter in its industry, Topcon has focused on developing an array of integrated positioning and automation technologies to meet the constantly changing demands facing GIS, construction, surveying, agriculture, utilities and law enforcement professionals worldwide. We look forward to building solutions that solve your data collection project challenges today and in the future.



### TOPCON CORPORATION

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Specifications subject to change without notice

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## Specifications

<b>Number of Channels</b>	50 GPS + Glonass L1 tracking
<b>DGPS Accuracy</b>	50cm HRMS
<b>L1 Static Function</b>	H: RMS 3mm + 0.8ppm V: RMS 4mm + 1.0ppm
<b>L1 PP Kinematic Function</b>	H: RMS 10mm + 1.0ppm V: RMS 15mm + 1.0ppm
<b>WAAS/EGNOS</b>	Yes
<b>CORS Beacon</b>	Yes with BR-1
<b>Internal Memory</b>	SDRAM 128 MB Flash 256 MB
<b>Processor/Operating System</b>	520 MHz Intel PXA270 Bulverde/ Microsoft Windows CE 5.0
<b>Onboard Software</b>	TopPAD or TopSURV-GIS
<b>Office Software (post processing)</b>	Topcon Tools GIS
<b>Display</b>	3.5" 240 x 320 color QVGA w/ touch screen
<b>Input/Output</b>	Bluetooth, USB, Serial, ANT, and Power
<b>Battery Life</b>	7 hrs while in GPS mode
<b>Battery Type</b>	Li-Ion battery, Rechargeable/Replaceable
<b>Dimensions</b>	7.76" x 3.54" x 1.81" (197 x 90 x 46mm)
<b>Weight</b>	0.7kg
<b>Environmental</b>	IP66, 1 meter drop -20° to 50°C Operating Temperature -10° to 50°C Operating with camera -30° to 60°C Storage Temperature

## Other GIS/Mapping Solutions

### GMS-110 - Multi-purpose GIS Mapping System

The new Topcon GMS-110 system is designed to provide a compact, rugged GIS Mapping solution that incorporates all of the primary position correction services—Beacon, WAAS, EGNOS, and OmniSTAR®-VBS. Utilizing Topcon's integrated system design and Bluetooth® wireless technology, the GMS-110 brings the versatility of a backpack GIS solution without the mess of a bunch of external cables and components.

### GMS-200 - Precision GIS Mapping System

Topcon's new GMS-200 precision GIS mapping solution is designed to give you a choice of all accuracy levels for GIS data collection in real-time: sub-meter, sub-foot and sub-centimeter. By combining Topcon's TopPAD software with a precision GPS receiver, the GMS-200 allows you to literally take your GIS layers into the field for accurate and efficient data collection and maintenance. From natural resource mapping to building and maintaining spatial databases for large utility mapping applications, the GMS-200 is no ordinary GIS package.

Your local Authorized Topcon dealer is:

GMS-2



# HAND-HELD GIS MAPPING SYSTEM



Introducing the next generation of a compact satellite positioning receiver

- DUAL-CONSTELLATION SATELLITE TRACKING
- INTEGRATED DIGITAL CAMERA
- CUSTOMIZED FIELD SOFTWARE
- INTERNAL BLUETOOTH® WIRELESS TECHNOLOGY
- ULTRA SHARP COLOR TFT TOUCH SCREEN



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