

Topcon GMS-2 Pro

Topcon Europe Positioning (The Netherlands) has released the GMS-2 Pro, an integrated distance meter, offset measurement, an image height/width measurement and a high level of mobility in the well known handy format of the GMS-2.

The Digital camera offers two mega pixels of sharp images. The integrated compass offers +/- 4 degree accuracy and the distance meter offers a range of 50 metres with an accuracy of +/- 10 millimetre.

To measure the height or width of the target, you aim at the target by using the easy to read image screen. Then you can measure the distance and capture the image at the same time. This is realised by combining distance measurement with innovative Image capturing technology. On the screen, when you tap two points, you get the distance, height and widths.

The GMS-2 Pro also has an option that increases real-time correction capabilities of the GMS-2 hand-held receiver- the addition of a BR-1 Coast Guard beacon receiver. The GMS-2 GIS mobile GNSS receiver can utilise the new BR-1 to receive sub-meter differential correction signals from the Coast Guard beacon system in real-time for data collection and navigation. Now, with this additional receiver option, real-time correction reception becomes possible in areas where it might not have been previously. In addition, by connecting to a Bluetooth, mobile phone network corrections can also be received.

The Coast Guard beacon is a free, land-based radio signal that is not easily interrupted by obstructions - trees, buildings and natural terrain obstacles. The BR-1 has the unique feature of four channels and provides users with up to four consistently available correction signals to achieve sub-meter, real-time accuracies in the field. The new receiver will automatically select the best correction of the four signals available to send to the Topcon GMS-2, a function making the BR-1 a smart correction option for the GMS-2.

Features

- GPS + GLONASS Tracking
- Digital Camera Inside
- Electronic Compass and Tilt Sensor inside
- Windows Mobile
- DGNS and Static observation

<https://www.gim-international.com/content/news/topcon-gms-2-pro>
