

# MobileMapper™ 6



## Handheld GPS/GIS Receiver

### Features

- Rugged and waterproof to IPX7
- Windows Mobile 6
- High-sensitivity GPS
- 2 megapixel digital camera
- Bluetooth connectivity
- SD card slot
- QVGA color touch screen
- Embedded speaker and microphone

### A True Mobile GIS for Everyone

MobileMapper 6 is an affordable and easy-to-use, professional GPS/GIS handheld receiver. It provides a complete set of all necessary features required by a mapping device for anyone who needs productive data collection and efficient asset management in the field.

### What Makes the MobileMapper 6 Unique?

#### Performance GPS

This SBAS enabled high-sensitivity GPS receiver continuously tracks up to 12 satellites to compute and update your position even in difficult conditions, such as under tree canopy and urban surroundings.

#### Versatile Mobile GIS Solution

You can collect GIS/GPS points and maps via the GIS application of your choice, navigate, communicate wirelessly via Bluetooth, take pictures using the integrated 2 megapixel digital camera, use Windows Office Mobile applications, all with a single device.

#### Field-proven Design

Fits comfortably in one hand and weighs less than eight ounces (224g). MobileMapper 6 is made for intensive use and can be dropped in the dirt or into water again and again. It keeps working, and you won't lose any data.

#### Unlimited Memory

With SD card storage, keep GIS raster maps, photos, videos, and any other data on hand and never worry about running out of memory in the field.

#### Record and Remember

Embedded speaker and microphone make it easy to record audio files, for a rich archive of locations and projects.

# MobileMapper 6 Technical Specifications

## Key Features

- Extremely rugged and waterproof to IPX7 standards
- Integrated, low-power, high-sensitivity antenna for clear reception and longer battery life
- Windows Mobile 6 operating system
- SiRFstarIII™ delivers fast GPS position acquisition
- Integrated 2 megapixel digital camera to capture pictures of the collected GPS features
- AA batteries for easy replacement in the field
- Bluetooth technology for wireless communication

## Package Content

- GPS receiver
- USB data cable
- 2 x AA batteries
- Spare stylus (5)
- Getting started guide CD

## Optional Accessories

- External GPS antenna
- Windshield mount
- Cigarette lighter power adapter
- AC power adapter
- Carrying case

## Operating System

- Microsoft Windows Mobile version 6
- Processor: 400 MHz
- Bluetooth wireless technology
- USB interface (device only)

## GPS Characteristics

- GPS chipset: SiRFstarIII
- GPS accuracy (SBAS): 2-5 m
- Channels: 12 (L1 code)
- Antenna type: Patch
- Supported protocols: NMEA and SiRF
- Update rate: 1 Hz

## Windows Mobile Software

- ActiveSync
- Calculator
- Calendar
- Notes
- File Explorer
- E-mail messaging
- Internet Explorer
- Office Mobile: Word, Excel, PowerPoint
- Pictures & Videos Viewer
- Windows Media Player...

## Physical Characteristics

- Size: 14.6 cm x 6.4 cm x 2.9 cm (5.75 in x 2.5 in x 1.13 in)
- Weight with batteries: 224 g (7.9 oz)
- Screen size: 2.7" (6.86 cm)
- Screen resolution: QVGA (240 x 320 pixels)

## User Interface

- Touch screen
- Virtual keyboard
- Handwriting recognition
- Audio notifications
- Screen backlight

## Environmental

- Waterproof to IPX7
- Temperature: -20°C to 50°C
- 1 meter drop

## Memory Characteristics

- SD memory card slot
- NAND Flash memory: 128 MB
- SDRAM memory: 64 MB

## Power Characteristics

- Battery type: 2 x AA
- Battery life: 10 hrs

## Other Features

- Camera: Integrated 2 megapixel CMOS
- Loudspeaker and microphone
- LED Flashlight
- Sensors: e-Compass, G-sensor, barometer
- Language support: English, French, German, Greek, Italian, Japanese, Korean, Portuguese, Simplified Chinese, Spanish, Traditional Chinese

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