



## GARMIN Monterra™

Part Number: 010-01065-00

### GPS Mapping Powerhouse with Android™ OS

- 4" dual orientation, sunlight-readable, durable mineral glass display with multi-touch interface
- Get Android apps on Google Play™
- 8 megapixel autofocus camera and 1080p HD video with automatic geotagging, LED flash/torch
- High-sensitivity GPS/GLONASS receiver for better positioning
- 3D MapMerge™ for multiple maps in 3-D

Monterra is a full-featured Wi-Fi® enabled GPS navigator that combines our powerful mapping with the versatility of Android. Get Android apps for Monterra on Google Play, including PeakFinder, star constellation charts and ballistic calculator. Or access professional apps such as construction estimators and ArcGIS® to extend your office to the field. The rugged and durable Monterra has the power and flexibility to go anywhere

### 3D MapMerge

Monterra is the ultimate mapping tool with custom 3-D mapping. Combine 2 maps, for example TOPO and BirdsEye Satellite Imagery, then view both maps in 3-D. You'll see rich textures, such as hills, valleys, lakes and forests. Zoom in, pan out and rotate the 3-D map using multi-touch.

### Quality Photos

Monterra includes a built-in 8 megapixel autofocus digital camera that takes vivid, geo-tagged photos for easy return navigation plus a 1080p HD video camera with LED flash/torch. You can download photos and video easily to your computer or for sharing through [Garmin Adventures](#). Monterra has plenty of internal memory plus a microSD™ card slot for up to 64 additional GB of memory

### Get Your Bearings

Monterra has a built-in 3-axis electronic compass with accelerometer and gyro, which shows where you're heading even when you're standing still (or not holding it level). Once calibrated, its barometric altimeter tracks changes in pressure to pinpoint your precise altitude, and you even can use it to plot barometric pressure over time, which can help you keep an eye on changing weather conditions.

A built-in UV sensor lets you know your exposure level to sunlight so you can avoid sun damage, especially at higher elevations (5 percent increase in intensity every 1,000 ft of altitude) and on bright or reflective surfaces (snow, water, etc). And with its high-sensitivity, WAAS- and GLONASS-enabled GPS receiver, Monterra locates your position with more precision and maintains its GPS location even in heavy cover and deep canyons.

### Share Wirelessly

With Wi-Fi, Bluetooth® and NFC, Monterra lets you share your data, maps, waypoints, tracks, routes and geocaches up to 50 times faster with other wireless compatible devices. Plus, you can share photos and data from field work through [BaseCamp™](#) or by downloading directly to your computer.

## Load Maps and Millions of Geocaches

Add BirdsEye Satellite Imagery (subscription required) and hit the trail. Add Trailhead Series TOPO maps and explore famous treks like the Appalachian Trail and the Pacific Crest Trail. Or, load up your GIS-based maps and go to work.

Monterra can hold millions of geocaches. Download every cache on [OpenCaching.com](https://opencaching.com). Load caches from GSAK. Or get your favorite Android app on Google Play. All your paperless geocaching features will be there for every cache. Read full descriptions, hints and logs. View cache photos. Filter caches by size, terrain, difficulty and type. Connect to [chirp™](#)-enabled caches.

## Radio

Never miss vital information (or entertainment) with Monterra's built-in FM radio and NOAA weather radio with SAME alerts. Get watches and warnings related to your location. Listen with headphones or share with the whole group through the built-in speaker.

### Physical & Performance:

Physical dimensions	2.9" x 5.9" x 1.4" (7.48 x 14.96 x 3.63 cm)
Display size, WxH	2"W x 3.5"H (5.06 x 8.93 cm); 4" diag (10.2 cm)
Display resolution, WxH	272 x 480 pixels
Display type	bright, transfective 65k color TFT, dual-orientation touchscreen; sunlight readable
Weight	11.7 oz (331 g) with included lithium-ion battery pack; 13.2 oz (375 g) with 3 AA batteries (not included)
Battery	rechargeable lithium-ion (included) or 3 AA batteries (not included); NiMH or Lithium recommended
Battery life	up to 16 hours (lithium-ion); up to 22 hours (AA batteries)
<a href="#">Water rating</a>	IPX7
Floats	No
High-sensitivity receiver	Yes
Interface	High-speed USB

### Maps & Memory:

Basemap	Yes
Preloaded maps	yes (topographic), some models
Ability to add maps	Yes
Built-in memory	6 GB (With Worldwide Basemap); 3 GB (With TOPO U.S. 100K Maps)
Accepts data cards	microSD™ card (not included)
Waypoints/favorites/locations	4000
Routes	200

Track log	10,000 points, 200 saved tracks
<b>Features &amp; Benefits:</b>	
Automatic routing (turn by turn routing on roads)	Yes (with optional mapping for detailed roads)
Electronic compass	Yes (tilt-compensated 3-axis)
Touchscreen	Yes
Barometric altimeter	Yes
Camera	yes (8 megapixel with autofocus and 1080p/30fps video; LED flash; automatic geo-tagging)
Geocaching-friendly	Yes (Paperless)
Custom maps compatible	Yes
Photo navigation (navigate to geotagged photos)	Yes
Hunt/fish calendar	No
Sun and moon information	No
Tide tables	No
Area calculation	Yes
Custom POIs (ability to add additional points of interest)	Yes
Unit-to-unit transfer (shares data wirelessly with similar units)	Yes
Picture viewer	Yes
Garmin Connect™ compatible (online community where you analyze, categorize and share data)	Yes
Additional	Bluetooth® wireless technology: yes Wi-Fi connectivity: yes ANT+™ connectivity: yes GNSS support: yes (GPS + GLONASS) Near Field Communication (NFC): yes Microphone: yes (internal for audio capture) Multimedia (audio/video) support: yes (MP3 player, video player, etc.) UV sensor: yes Android with Google Play for complete customization

## What's In the Box

Monterra	AC adapter
Lithium-ion battery pack	Anti-glare screen protectors
USB Cable	Documentation