

GARMIN GPSMAP® 66s



Premium GPS Handheld with BirdsEye Satellite Imagery Subscription

- Large, 3" sunlight-readable color display for easy viewing
- Multiple Global Navigation Satellite Systems (GNSS) support to track your travels in more challenging environments than GPS alone plus three-axis compass and barometric altimeter
- Access to BirdsEye Satellite Imagery with direct-to-device downloads and no annual subscription
- Expanded wireless connectivity supports Active Weather for up-to-date forecasts and animated weather radar and Geocaching Live for mobile syncing and updates
- Compatible with Garmin Explore™ website and app to help you manage tracks, routes and waypoints and review statistics from the field
- Up to 16 hours of battery life in GPS mode; 1 week in expedition mode lets you explore longer than ever before on a single set of AA batteries.

Navigate your next outdoor adventure with the GPSMAP 66 series. Whether you're hiking, hunting, climbing, geocaching, kayaking or mountain biking, you can explore more with this premium, rugged handheld with a 3" color display. It features access to BirdsEye Satellite Imagery with direct-to-device downloads to help you find your way. And it offers multi-GNSS support as well as wireless connectivity for Active Weather, direct downloads and [Garmin Explore](#) compatibility.

Get Your Bearings

In addition to multi-GNSS support, the GPSMAP 66 series provides ABC (altimeter, barometer and compass) sensor capabilities to track your journey. The built-in altimeter provides elevation data to accurately monitor ascent and descent, while the barometer can be used to predict weather changes by showing short-term trends in air pressure. The three-axis electronic compass keeps your bearing whether you're moving or not.

See Where You're Headed

Get a better picture of your location with high-resolution photo-realistic views of your route, thanks to direct-to-device downloads of BirdsEye Satellite Imagery — without an annual subscription. You'll see a true representation of your surroundings to find trails, trailheads and clearings for campsites, to pick stand locations for hunting, to find parks and parking for geocaching and even to create waypoints based on landmarks.

Plus, GPSMAP 66st comes preloaded with TOPO U.S. and Canada maps. You'll see every hill and valley, with more detail than ever — including terrain contours, topographic elevations, summits, parks, coastlines, rivers, lakes and geographical points.

Stay Tuned to Conditions

You'll always stay informed of weather conditions when you pair your GPSMAP 66 series device via Bluetooth® to a [compatible smartphone](#). Receive Active Weather updates for real-time forecast information, including predictive maps for temperature, wind, precipitation and clouds. It also provides live weather radar so you're aware of inclement weather that can affect your outdoor adventures.

Find Your Cache

GPSMAP 66s and GPSMAP 66st devices make it easier than ever to enjoy your geocaching experience. Set it to automatically update with all the latest caches from Geocaching Live, including cache descriptions, logs and hints. With a Wi-Fi® connection or through [Garmin Connect™](#) on a compatible smartphone, you'll avoid manually entering coordinates or printing out cache details on paper — and each find will automatically upload to your [Geocaching.com](#) profile.

Explore with Garmin

Even when you're offline and have no cell service, the GPSMAP 66 series pairs with the [Garmin Explore mobile app](#) to let you plan, review and sync data, including waypoints, routes and tracks. Plus, you can review completed activities while still in the field, even when you're off the grid. Once you're home again, plan for future trips and review previous activities from the [Garmin Explore website](#).

Utility in Adverse Environments

Be prepared for the most extreme adventures. The GPSMAP 66 series offers up to 16 hours of battery life in GPS mode and 1 week in expedition mode (with 2 AA batteries). It provides an LED flashlight and beacon that can be used to signal for help. It's built to military standards for thermal, shock and water performance (MIL-STD-810G), and it's even compatible with night vision goggles.

General	
Physical dimensions	2.5" x 6.4" x 1.4" (6.2 x 16.3 x 3.5 cm)
Display size	1.5"W x 2.5"H (3.8 x 6.3 cm); 3" diag (7.6 cm)
Display resolution	240 x 400 pixels
Display type	transflective color TFT
Weight	8.1 oz (230 g) with batteries
Battery	2 AA batteries (not included); NiMH or Lithium recommended
Water rating	IPX7
Memory/History	16 GB
High-sensitivity receiver	Yes
Interface	high-speed USB and NMEA 0183 compatible
Maps & Memory	
Preloaded maps	basemap only
Ability to add maps	Yes
Basemap	Yes
Storage and Power Capacity	microSD™ card (not included)
Waypoints/favorites/locations	10000
Routes	250
Track log	20000 points, 250 saved gpx tracks, 300 saved fit activities
Sensors	
Barometric altimeter	Yes
Compass	Yes (tilt-compensated 3-axis)
Outdoor Recreation Features	
Area calculation	Yes
Automatic routing (turn by turn routing on roads)	Yes (with optional mapping for detailed roads)
Geocaching-friendly	Yes (Paperless)
Custom maps compatible	Yes
Hunt/fish calendar	Yes
Sun and moon information	Yes
Picture viewer	Yes

Garmin Connect™

Garmin Connect™ compatible (online community where you analyze, categorize and share data)

Yes

Additional

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Garmin Explore compatible: yes

Garmin Connect IQ compatible: yes

Wireless compatible: yes (Wi-Fi, Bluetooth and ANT+)

Map segments: 15,000

Active weather: yes

Smart Notifications: yes

[Live Tracking: yes \(with Garmin Connect™ Mobile\)](#)

BirdsEye direct to device: yes (no annual subscription required)

MIL STD 810G ruggedness for thermal, shock and water performance

RINEX Logging: yes