



Marketing Message and Product Description

Marketing message:

Rock-Solid Design, Exceptional Value

The Ideal GPS Solution for:

Hiking, camping, geocaching, bicycling, fishing, hunting, boating, canoeing, kayaking, 4-wheeling, snowmobiling, in-vehicle navigation, and professional applications (civil engineering, surveying, GIS-related data collection, emergency operations, and much more)

Description

The *Earthmate GPS PN-20* is a high-sensitivity, bright-color-screen handheld GPS that offers a broad array of display options including up-to-date topographic maps, NOAA nautical charts, and four types of aerial imagery.

The *PN-20* is WAAS-enabled, waterproof to IPX7 standards, and comes in a rugged, impact-resistant rubberized case. It fits easily in the palm of the hand and weighs just over five oz.

Exceptional Value

Topo USA

The *Earthmate GPS PN-20* comes with up-to-date DeLorme Topo USA DVD mapping software in the package. This is the full version of Topo USA, with all of its desktop and GPS capabilities included (see below).

FREE Map, Chart, and Aerial Imagery Downloads

A certificate is included for FREE trial downloads, allowing users to display authentic USGS 1:24,000 quads, NOAA nautical charts, and four types of aerial imagery:

- Color aerial
- USGS high-resolution city imagery (color)
- USGS black and white
- 10-meter color satellite

After exhausting their free downloads, users can purchase a low-cost annual subscription to the [DeLorme Map Library](#), for unlimited downloads during the 12-month subscription period.

SD Card and Reader

Also included with the *PN-20* is a 1 GB SD card and USB SD card reader, for quick transfers – ideal for storing large aerial imagery files.

The *PN-20* SD card slot supports high-capacity SDHC cards.

Pre-cut Maps

To make things even easier, the *PN-20* comes with pre-cut map sections for the entire US, on three DVDs. Select the areas you're most likely to explore, move them to the SD card, and you're ready to go.

[-more-](#)

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Using the Earthmate GPS PN-20 and Topo USA

Plan Your Adventures with Topo USA and Downloadable Imagery, Maps, and Charts

- Scout the terrain, land cover, and waterways as if you were there
- Discover more than 4 million searchable places of interest—attractions, lodgings, restaurants, much more
- See campgrounds, boat launch sites, unique natural features, and prime hunting and fishing spots, from DeLorme Atlas & Gazetteer state topographic map books
- View your destination in realistic 3-D, from any compass point, on:
 - Topo USA
 - USGS maps
 - Aerial imagery
- Automatically create routes on roads and trails – no tracing required
- Easily add routes on the water, using the available detailed nautical charts
- Insert waypoints, selecting from an extensive library of symbols for hiking, camping, geocaching, fishing, hunting, 4-wheeling, and countless other activities
- Draw tracks
- Add comments to your waypoint and track files
- Quickly transfer your waypoints, tracks, and routes to the *PN-20*
- Print maps for take-along reference in a variety of scales, including 1:24,000

Navigate with Complete Confidence, in your vehicle, boat, canoe or kayak, on your bike, or on foot

- Display the map and imagery types that are most useful at any given time
 - Easily toggle the various map and imagery types on or off
 - Or, select **Turn Imagery Off/On** to toggle off/on all but Topo USA
- Track your location on an established route or track
- Automatically collect GPS tracks, or turn that feature off
- Collect GPS waypoints with the touch of a button
- Use the on-device routing feature to create road routes, or send maps generated on the PC directly to the *PN-20*
- Hear audible alarms for upcoming turns on your road or trail routes
- Navigate using the maps, imagery, charts, or use the GPS compass
- Use the Find button to locate streets or trails, cities, waypoints, points of interest, natural features, addresses, coordinates, or locations you've recently searched for
- Set up your information fields selecting from a wealth of information types, including:
 - Course, bearing, heading, speed, coordinates
 - Distance to next turn
 - ETA at next turn, stop, or finish
 - Back on course – see direction of travel to return to course
 - Time to sunrise/set or moonrise/set
 - Elevation, speed

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- Speed – current, average, maximum, moving average
- Vertical speed
- Velocity made good
- Battery life
- Time and date

Update Your Topo USA Maps Files with Collected GPS Data

- Easily transfer collected waypoints and tracks, with comments, to update your maps
- Where applicable, convert collected tracks to routable roads or trails
- Geo-Tag your photos with the precise GPS location where they were taken