



## Earthmate GPS PN-Series with XMap

*Professional grade mapping and GIS on a handheld GPS receiver*

The Earthmate GPS PN-20 and PN-40 from DeLorme represent a new breed of handheld GPS receivers. Incorporating the latest DeLorme GPS technology and rugged enough to endure the harshest conditions imaginable, the PN-Series devices are ideally suited for serious work or play.



For over 30 years, the DeLorme name has been synonymous with both superior quality maps and innovative spatial technology. These paths have converged with the PN-Series resulting in a pair of truly unique and feature-laden GPS receivers that are an ideal mobile complement to DeLorme's XMap professional mapping and GIS software suite.



Virtually any map or data layer created by, or imported into XMap can be copied and transferred to either the PN-20 or PN-40 for use in the field. Data formats supported by the PN-Series include:

- Shapefiles, CAD files, and other vector data layers imported into XMap's Openspace format
- Seamless USGS 1:24,000 quad sheets and NOAA navigational charts
- XMap USA Topographic maps combining contours and elevation with updated roads and streets
- Satellite and aerial imagery downloaded through XMap's Netlink tool
- Third party imagery and other raster layers in MrSID and GeoTIFF format
- Images and maps layers created using XMap's image registration process

DeLorme's new Map Library subscription service is now available for XMap users and offers unlimited downloads of USGS Quads, NOAA charts, and aerial and satellite imagery, all for under \$30 per year. This downloaded map data is yours to keep and it can be viewed in XMap and on the PN-Series GPS receivers.

The PN-Series GPS receivers provide fully functional mobile mapping solutions with on-device route creation as well as road and backcountry navigation. Use the Waypoint tool to catalog, name, and symbolize key field locations for subsequent downloading and integration into an XMap GIS layer. Create waypoints based on GPS location, selected map location or by entering known coordinate values. Record track files to monitor movement and trip details or to map linear features such as a new roads, trails, or property boundaries.

Contained in a waterproof, impact-resistant case and featuring an ultra bright screen, the PN-20 and PN-40 are at home in almost any environment and are ideally suited for a wide variety of mobile professionals:

- Emergency responders
- Field technicians
- Utility crews
- Natural resource managers
- Law enforcement officials
- Civil engineers
- Land developers

Powerful enough to meet the demands of today's mobile workforce, flexible enough to be equally at home in your vehicle or in the wilderness, intuitive enough to be easily learned by anyone, and affordable enough to fit the budget constraints of any company, agency or organization, the Earthmate PN-Series GPS receivers combined with XMap are the ideal mapping GIS and GPS solution.

For a detailed comparison of the PN-20 and PN-40, see overleaf.



**Earthmate GPS Series – Comparison Chart**

<b>Feature or Capability</b>	<b>PN-20</b>	<b>PN-40</b>
Dual-core processor for rapid map rendering, even with large aerial imagery files		✓
STMicroelectronics GPS chipset for near-instantaneous acquisition	12-Channel	32-Channel
Available on-board Flash memory	75 MB	500 MB
Limited Edition SE model with 8 GB of on-board Flash memory		✓
Three-axis electronic compass, performs in any position, while in motion or standing still		✓
Sensitive barometric altimeter for accurate altitude readings		✓
USB 2.0 connectivity to transfer maps directly to the SD card while in the receiver		✓
Pre-loaded secondary and connector roads (US only)		✓
Pre-loaded worldwide highway / major road base map	✓	✓
Support for high capacity SDHC cards	✓	✓
WAAS-enabled	✓	✓
2.2" (220 x 176 pixels) 65K-color daylight-reading screen for clear visibility in any light conditions	✓	✓
Holds up to 10 tracks (10,000 points per track)	✓	✓
Holds up to 1,000 user-defined waypoints	✓	✓
Holds up to 50 routes	✓	✓
Runs on 2 AA batteries (included) or optional Lithium-Ion rechargeable battery	✓	✓
USB cable provides power when connected to computer	✓	✓
Rugged rubberized housing	✓	✓
Waterproof to IPX-7 standard	✓	✓
Compact dimensions: 2.43" W x 5.25" H by 1.5" D	✓	✓
Body Color	Yellow/Black	Orange/Black
Includes XMap USA Topographic Dataset for XMap (topographic maps for the entire U.S.)	✓	✓
Displays aerial imagery, 7.5-minute USGS Quads, NOAA nautical charts, vector GIS layers, CAD drawings, and much more	✓	✓
Upload field-collected data into a GIS layer	✓	✓
List Price with XMap 6 Professional	\$499.95	\$649.95
List Price with XMap 6 GIS Editor	\$1,049.95	\$1,199.95