

Coremicro Palm Navigator Product Series

AGNC- coremicro-PN

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Interruption-Free Navigation & Tracking

Patented Product



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Coremicro Palm Navigator Model	IMU	GPS	Data Link	Cellular Access	Color Display	Mapping Software	DGPS	Imaging
Coremicro Palm Navigator1 Unlimited Multiple Tracking								
	N/A	X	X	X	X	X	N/A	X
The GPS Based Coremicro Palm Navigator1 is ideal for unlimited real time tracking applications such as vehicle and property tracking, ship container tracking, rail car tracking, animal tracking and surveillance. It sends a user's location to a monitoring station, which visualizes the user's position/location information via a wireless data link. This Coremicro Palm Navigator, which has the optional support of cellular infrastructure, is ideal for unbounded location tracking. It provides an excellent navigation solution for a variety of individual users, including tourists, drivers, soldiers and rescue teams. It is also ideal for recreational activities such as hiking. The embedded color display can be used to track other Coremicro Palm Navigator users.								
Coremicro Palm Navigator 2 Interruption-free Personnel Tracking and Navigation								
	X	X	X	Option	Option	Option	Option	Option
The Coremicro Palm Navigator2 uses the coremicro IMU (Inertial Measurement Unit) for interruption-free, highly accurate real time tracking regardless of GPS reception. In applications where GPS loss is intolerable, this Coremicro Palm Navigator can be used to reliably track individual users. The system can be utilized for personal navigation as well as miscellaneous navigation and control applications. The system is also ideal for navigation in metropolitan areas, where GPS is intermittent or altogether unavailable. The system is also ideal for such recreational activities as spelunking.								
Coremicro Palm Navigator 3 Interruption-free Land/Marine Vehicle Tracking and Navigation								
	X	X	X	Option	Option	Option	Option	Option
The Coremicro Palm Navigator3 includes all the features of the Coremicro Palm Navigator 2 and also features coremicro and GPS/INS integration. This system outputs navigation parameters such as pitch ($\pm 90^\circ$), roll ($\pm 180^\circ$), and heading (0-360 $^\circ$). It uses GPS/INS integration to provide all the necessary tools for automatic pilot implementations. This system can also be utilized for multiple vehicle tracking.								
Coremicro Palm Navigator 4 Interruption-Free Flight Vehicle Tracking and Navigation								
	X	X	X	Option	Option	Option	Option	Option
The Coremicro Palm Navigator4 incorporates all the features of Coremicro Palm Navigator 3 and features coremicro and GPS/INS integration. It can be used to track multiple flight vehicles, unmanned aviation vehicles, and piloted aircraft simultaneously. When utilized by multiple aircraft, this product can be used as a collision avoidance system. With the optional display, this product issues warning messages to the pilot when other aircraft (which are also equipped with Coremicro Palm Navigator 4) are too close and may present a threat. The potential tracking range of the Coremicro Palm Navigator 4 is 60+ miles with clear line of sight.								