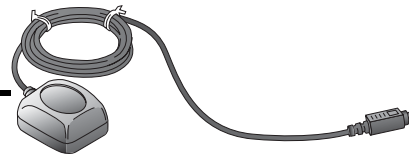


DriveRight® GPS Module

8128



The optional DriveRight GPS module records the vehicle's location, GPS speed, and direction of travel at intervals between 5 seconds and 10 minutes. The DriveRight 600E LCD displays the current latitude and longitude, the direction of travel, and the vehicle's GPS speed. The GPS data can be downloaded to the DriveRight Fleet Management Software (FMS, # 8186) and exported to mapping software (such as Microsoft MapPoint®) to show the exact route of each trip. Each GPS record includes speed, direction, and the status of the DriveRight 600E's two digital inputs. The digital inputs can be used to provide a comprehensive profile of operation of vehicle accessories such as brakes or headlights during the course of a trip. The GPS module is optional for the DriveRight 600E and cannot be used with previous versions of the DriveRight device. The GPS Module must be enabled in the DriveRight device prior to installation via FMS for the module to function. You must have FMS version 3.0 or later to configure the GPS module for operation.

Note: The GPS/Wireless Interface Module (# 8127) must be installed with the GPS Module.

General

Operating Temperature	-40°F to +176°F (-40°C to +80°C)
Storage Temperature	-40°F to +194°F (-40°C to +90°C)
Input Power	5 Vdc
Memory Backup	Lithium cell, estimated 5 year service life
Typical Operating Current	60mA
Typical Standby Current	0mA (module is turned off when logout interval has elapsed.)
Frequency	1575.42 MHz (L1)
Size (l x w x h)	2.50" x 1.63" x 0.63" (64 mm x 42 mm x 16 mm)
Weight	3.20 oz. (0.09 kg)
Cable	
Length	78" (2 m)
Connector	6-pin locking Mini-DIN

GPS Module Receiver Specifications

Frequency	1575.42 MHz (L1)
Number of Channels	16
Position Accuracy	<3 m
Velocity Accuracy	0.1 mph (0.05 m/s) typical
Dynamic Limits	
Acceleration	2 G max
Jerk	4 m/s ³
Startup Time To First Location Fix	
DriveRight unplugged for:	
0 - 5 minutes	15 seconds
More than 5 minutes, less than 4 hours	40 seconds
More than 4 hours	120 seconds
Update interval	<1.0 seconds
Re-Acquisition Time, (after 60 second)	10 seconds

Package Dimensions

Product #	Package Dimensions (Length x Width x Height)	Package Weight	UPC Codes
8128	6.25" x 4.25" x 2.13" (159 x 108 x 54 mm)	5.12 oz. (.15 kg)	011698 00870 4