

# photoMate 887 Lite

## *Mini GPS Recorder*

### Overview

This photoMate 887 Lite Mini GPS Recorder features an all-in-one, cost-effective portable GPS logging solution. With its on-board memory, it allows you to log your routes by ways of time / distance / speed. Through user friendly software utility, it shows your track on Google Earth. This GPS recorder is small and robust, ideal to carry everywhere for applications such as trip recording, fleet management, or business trip expense management.

### Key Features

- Trip Recording
- Smart LOG function
- Up to 125,000 waypoints
- AGPS available
- G-mouse function
- Phototagger software

### Application

- Record your travels
- Manage business trip expense
- Concerned about one's driving behavior
- Geo-photo



**TRANSYSTEM INC.**

An A+ supplier of RF microwave & GPS products

Rev 1.2

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## Mini GPS Recorder

### Specifications

#### General

Frequency	L1, 1575.42MHz
C/A Code	1.023MHz chip rate
Channels	66 CH for tracking
Antenna	Built-in patch with LNA
Datum	WGS-84

#### Acquisition

Cold Start	35 sec, average
Warm Start	34 sec, average
Hot Start	1.5 sec, average
AGPS	<15 sec (Cold Start)

#### Accuracy (none DGPS)

Position	Without aid: 3.0m 2D-RMS DGPS:2.5m,2D-RMS
Velocity	Without aid: 0.1m/s DGPS:0.05m/s
Sensitivity	-165 dBm (tracking)

#### Dynamic

Altitude	< 18,000m
Velocity	< 515m/sec
Acceleration	4g

#### Protocol

GPS Output	NMEA-0183 (V3.01)
	GGA, GSA, GSV, RMC
	Data bit : 8, stop bit : 1(Default)

#### Power

Battery	Rechargeable battery
Operation Time	11hrs
Power On/Off	Push button
Power Charge	Mini USB

#### Environmental

Operating	- 10 °C to + 60 °C
Storage	- 20 °C to + 60 °C
Charging	0 °C to + 45 °C
Humidity	5% to 90% non-condensing

#### Physical

Dimension	44 x 26 x 15mm
Weight	18g

#### Others

POI	Push button
Certification	CE / FCC
LED	Log / GPS / Battery

\*Specifications subject to change without prior notice.  
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