

# photoMate 887

## Overview

At just 44mm in length, this photoMate 887 features an all in one, cost effective portable GPS logging solution. With its on-board memory. It allows you to log your route. Through user friendly utility, it shows your track on Google Earth. And by coupling smart power-saving options with fuzzy auto on/off, it's also the most power-efficient receiver available. Highly sensitive and super-efficient, this device enjoys wide consumer appeal.

## Key Features

- Dual mode for both Data record and Navigation
- Smart LOG function
- 125,000 waypoints
- AGPS available
- Fuzzy Auto on/off
- Phototagger software
- G-Mouse function

## 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 1.6

# photoMate 887

## Miniature Trip 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

#### 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)

#### Interface

Bluetooth™	Version 1.2 compliant
Output Power	Class 2 (over 10 meter in free space)
Frequency	2.4 to 2.48 GHz

#### Power

Battery	Rechargeable battery
Operation Time	1 hrs
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

5Hz	Push button
Certification	CE / FCC
LED	Bluetooth, Navigation, Log, Battery / charger status

\*Bluetooth is a trademark owned by Bluetooth SIG, Inc.

\*Specifications subject to change without prior notice.

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