

# G-Log 760



## GPS Recorder

Durable  
&  
Waterproof

### Overview

G-Log 760 features commercial grade GPS receiver to help manage your field team effectively. Its water-proof, durable all-in-one design includes audible feedback and motion sensor to give maximum battery life.

G-Log 760 allows you to log your route by setting the interval of time/ distance/ speed. Easy to use and durable button allow field personal to record point of interest by push of a button. Through user friendly utility, it can display your track on Google Earth.



### Key Features

- Durable push button for POI recording
- Smart log of time, distance and speed
- Log up to 250,000 waypoints
- High receiving sensitivity with AGPS capability
- IPX3 water-proof
- Embedded sensor for smart operation
- Smart auto on/off
- Vibrator / Buzzer for POI confirmation
- Rechargeable battery
- Optional BT connection capability



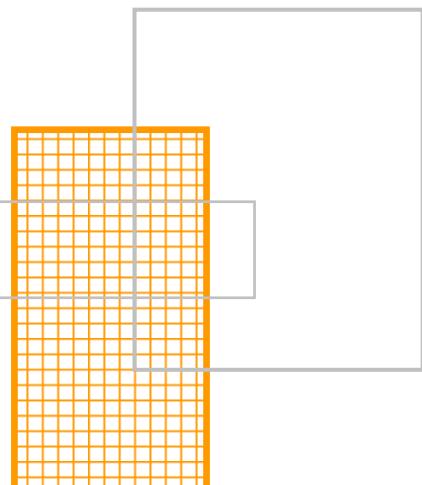
### Application

- Record your travels
- Manage trip expense
- Manage field team
- Point of interest recording



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## Specifications :

### General

Chipset	MT3329
Frequency	L1, 1575.42MHz
C/A code	1.023MHz chip rate
Channels	66
Antenna	Build-in patch with LNA
Datum	WGS-84

### Acquisition Time

Cold Start	35sec, average; w/ AGPS <15sec
Warm Start	34sec, average
Hot Start	1.5sec, average

### Accuracy

Position	<3m CEP, without aid
Velocity	Without aid: 0.1m/s DGPS: 0.05m/s
Sensitivity	-165dBm (Tracking)

### Dynamic

Altitude	<18,000m
Velocity	<515m/s
Acceleration	4G

### Protocol

GPS Output	NMEA-0183 (V3.01) Support WAAS / EGNOS
	GGA,GSA,GSV,RMC(default);GLL,VTG(optional)

### Datalog

Update Rate	1Hz default 5Hz (optional, user configurable)
Waypoint	125,000 (Default)
Data Format	Date, Time, Latitude, Longitude, Velocity, Height
Memory	4MB Serial Flash (8MB option)

### Power

Battery	Rechargeable Li battery
Operation Time	25Hrs
Charging Time	3Hrs typical
Power Charge	USB Type A jack

### Environment

Operation Temp	-20°C to +60°C
Storage Temp	-20°C to +85°C
Charging Temp	-0°C to +45°C
R.H.	20% ~ 80% R.H. non-condensing

### Others

Certification	CE / FCC
POI confirmation	Vibrator / Buzzer (Optional)
Sensor	Vibration sensor, G-sensor
Button	Power / Point of Interest

### Physical

Dimension	82x52x19mm
Weight	< 80g

### LED Indication

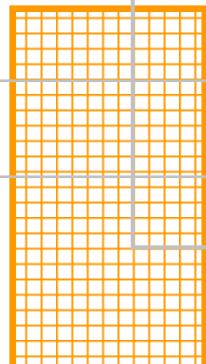
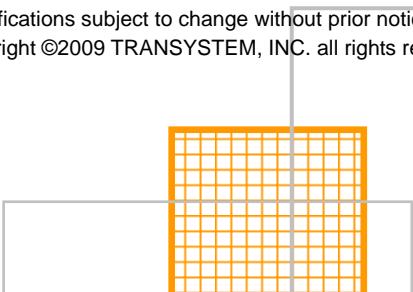
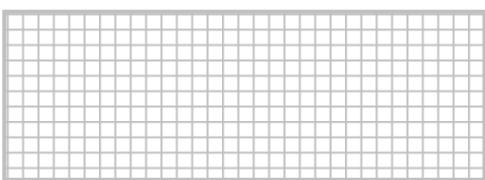
Power	Red / Green
GPS	Orange
Memory	Red
Mode	Blue
Bluetooth	Blue (Optional)

### Accessory

USB Cable x1	
Quick Start Guide x1	
CD-ROM x1 (User's manual, Driver, GPSView)	
Power adapter x1	

\* Specifications subject to change without prior notice.

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