

# AUTOMATICALLY RECORD Tax-Deductible Business Mileage



(Actual Size Shown)

***Just plug it into your cigarette lighter and forget it until tax time***

- Stores up to 200,000 miles/year
- Data saved in spreadsheets
- Small Rugged Package
- Uses GPS Satellite System
- Made in USA
- Digital Memory Card (SD MMC)
- Viewable with Microsoft Excel
- 1.5" x 3.0" x .5"
- Very Low Energy Draw
- 3-Year Warranty

The **MileMarker™** from iBall Instruments is the most advanced method for keeping indisputable and accurate records of your business travel. Using the GPS Satellite constellation, the mileage that you travel in your vehicle is automatically recorded with location, date and time to a digital storage device. This is the same storage device that is found in most digital cameras and is fast becoming the universal memory system.

Summarizing the collected data is made easy. Simply remove the memory card and plug it into your computer. Launch Microsoft Excel and open the appropriate data file on the memory card. The data can be transferred to your hard drive or printed for your CPA or Tax Preparer.

The data collected by the **MileMarker™** is stored in industry standard non-volatile memory cards known as SD or MMC cards. The data is also spreadsheet pre-formatted with the mileage calculated.

Your CPA or tax preparer will love the ease of documenting your business travel with accuracy. No more relying on your appointment calendar or trying to recreate your business travel from memory or oil change records.

The **MileMarker™** is probably the only accessory available for your car that pays for itself time and time again. Permanently mounted models are available.

**The MileMarker is available from:**

**See Detailed Specifications on  
Reverse Side**

MileMarker is a Trademark of iBall Instruments  
Excel is a Registered Trademark of Microsoft  
CYCOLAC is a Trade Name of General Electric  
[www.mileagemarker.com](http://www.mileagemarker.com)

## MileMarker™ Specifications

ITEM	NOMINAL	RANGE	DETAIL/NOTES
POWER	12VDC AUTO	7 - 32 VDC	Automotive power connector with over and under voltage protection as well as reverse battery protection. High voltage spike protection as well as power surge.
POWER	120 mA	5 mA to 150 mA	When not in motion the unit enters a sleep mode. No need to remove power when vehicle is not in operation
PHYSICAL	•	•	CYCOLAC Engineered Plastic Case Dimensions: 3.75" L x 2.30" W x 0.84" H Weight: 5.6 ounces
STORAGE	MMC or SD Card	512MB to 4 GB	Uses normal flash card storage used for today's cameras and other consumer products. Fast data retrieval. Access to flash card on the side of unit. Cards are known as Multi Media Cards or Secure Digital Cards. Can be found at any business retailer.
STORAGE	Over 10 years storage on one 4 GB card	1 Way point per minute	Every 60 moving seconds the Mile Marker creates a way-point onto the flash card.
ACCURACY	+/- 0.1%	•	Every 60 seconds of movement is recorded and averaged to provide the most accurate mileage calculation possible.
SERIAL	115,200 bps	Variable	Serial port speeds are configurable to allow connection to lap top devices or other external hardware.
SERIAL	DATA	NEMA	Standard NEMA data is output through the serial port to external hardware that may use it.
SERIAL	OPTION	PRIORITY	An optional LCD display is available that will display logged data or other preprogrammed data. Serial I/O can display data from other external devices. (Available 1 <sup>st</sup> Qtr 2007)
SERIAL	Upgrade	•	Reprogramming is done via serial port for software upgrades for further programmed functions.
DISPLAY	3 LEDs	•	Allows for visual confirmation of Power, Good GPS Fix, and speed over 10 MPH
COMPATIBILITY	FILE FORMAT	•	Stored file format is compatible with Windows and Linux operating systems
COMPATIBILITY	FILE DATA	•	All file data is segmented into months. Each File contains one month of way point data
COMPATIBILITY	FILE DATA	•	All file formats are directly compatible with Microsoft EXCEL
COMPATIBILITY	FILE DATA	•	All file formats are comma delimited for import into many other data management programs.
DATA	INCLUDED FILE DATA	•	Year, Day, Date, Month, Hour, Minute, Second, Longitude, Latitude, Heading, Location, Speed, Distance Traveled
WARRANTY	3 years from date of purchase	•	Return unit directly to the manufacturer. <i>MileMarker</i> will be repaired or replaced.

*MileMarker* is a Trademark of iBall Instruments  
 Excel is a Registered Trademark of Microsoft  
 CYCOLAC is a Trade Name of General Electric  
[www.mileagemarker.com](http://www.mileagemarker.com)