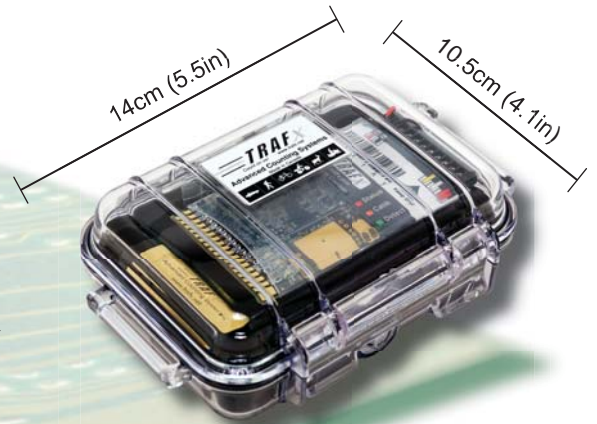


Key Features

- *Advanced Microelectronic Design*
- *Install at Roadside, Above or Below Ground*
- *Self-Contained Design, no External Wires or Tubes*
- *Ideal for Rural, Rugged and Remote Roads*
- *Use as Permanent or Portable Counter*
- *Very Small and Easy to Hide — Reduces Vandalism Risk*
- *Low Operating, Maintenance, and Installation Costs*
- *Long Battery Life (approx. 1 year)*
- *Large Memory Capacity (store > 400 million counts)*
- *Field-Proven, Generation III Design (10 year history)*



Easy Installation

This innovative, reliable, compact vehicle counter uses a tiny magnetometer and advanced embedded software to detect passing vehicles.

Passenger cars can be counted from up to 6 metres (20 feet) away, allowing coverage of two lanes from a roadside installation. Roadside installations are safer and easier to access than mid-lane ones. If the unit is buried at the roadside, no road cuts or special tools are required. The counter's detection range is user-programmable, and can be adjusted for single lane or two lane counting.

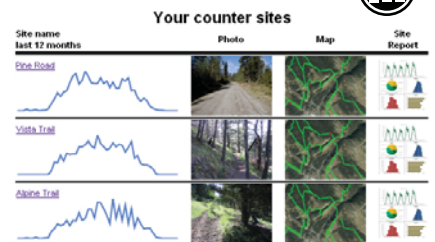
Compact Design

All parts are contained in one small, rugged, weather-proof box. There are no complicated external wire loops to install and calibrate, so installation time and costs, and potential set-up errors are reduced. The TRAFx Vehicle Counter is well suited for rugged, rural and remote roads. It uses three standard "C size" alkaline batteries.

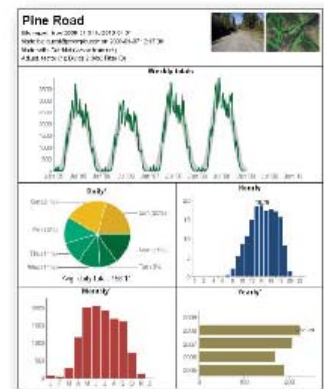


Connect the counter to a desktop, laptop, or pocket PC with the TRAFx Dock to configure settings or download data.

Or, use the Dock as a stand-alone "shuttle" to download data in the field.

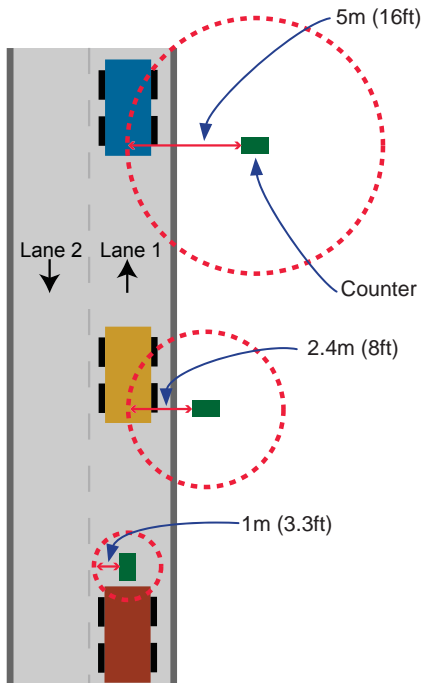


Use TRAFx DataNet to analyze, manage, store and share your data and produce professional reports in seconds.



Try the free Demo at www.trafx.net

Counting a Single Lane



OPTION A

- install roadside
- use if wide, paved shoulders present
- counts Lane 1

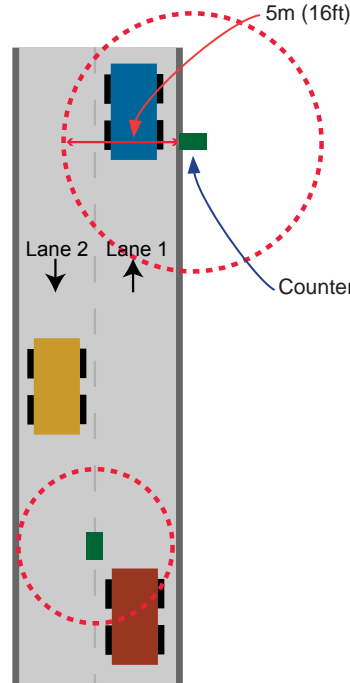
OPTION B

- install roadside
- counts Lane 1

OPTION C

- install mid-lane
- counts Lane 1

Counting Two Lanes



OPTION D

- install roadside
- counts Lane 1 and Lane 2 together
- best choice for gravel or paved roads without middle line

OPTION E

- install mid-road or under a bridge
- counts Lane 1 and Lane 2 together

The TRAFx Vehicle Counter permits a wide range of installation possibilities. It works especially well on gravel and two lane roads. Deploy it above or below ground, or even under a bridge.

FEATURES

- Single lane and two lane counting
- Hourly or daily totals, or timestamps
 - 14 000 hourly or daily totals = > 400 million counts
 - 14 000 timestamps
- Flexible installation options (see above)
- User programmable modes/settings
 - Programmable settings include:
 - *Real-time clock
 - *Start date/time
 - *Detection range
 - *Digital sampling parameters
 - *Delay after event
 - *Site/counter name
- Three colour-coded LEDs indicate status of operation
 - green light flashes upon detection
- Digital readout of battery voltage level (e.g., 4.2V)
- Automatic low battery warning

SPECIFICATIONS

CASE: 14cm x 10.5cm x 5cm (5.5in x 4.1in x 2in); weatherproof
 WEIGHT: 250g (8.8oz) (without batteries)
 POWER: "C size" batteries; alkaline (e.g., Duracell) or lithium
 BATTERY LIFE: 12 to 14 months max. with three alkalines
 36 months max. with one lithium
 DETECTION RANGE: 6m (20ft) max. for most passenger vehicles
 DATA TYPE: ASCII; .TXT file type
 DIGITAL MEMORY DESIGN: Data and settings are retained even when batteries are replaced or die
 TIME KEEPING: Quartz clock; 20ppm accuracy
 OPERATING TEMPERATURE: -40C (-40F) to +70C (158F)
 SENSOR TYPE: Low-field geomagnetic; 14-bit resolution
 COMMUNICATIONS: RS232 serial; 115,000 baud
 OTHER: Gold-plated PCB; silicon conformal protected electronics; electrostatic discharge protection; short circuit protection; RoHS (lead-free)
 WARRANTY: One year parts and labour. Learn more about the warranty at www.trafx.net/legal

TRAFx VERSATILITY

The TRAFx Vehicle Counter comes pre-programmed and ready to use as the TRAFx OHV Counter or the TRAFx Mountain Bike Counter, at no extra charge. Simply change the mode when configuring the counter.

Also, it can be quickly and easily converted to the TRAFx Infrared Trail Counter by ordering a low-cost conversion kit.

Visit www.trafx.net for details.

ACCESSORIES/OPTIONS

- LCD tally display
- Conversion kit
- Additional memory
- Extended 5-year warranty

"3-in-1 design!"

¹ The TRAFx Vehicle Counter is normally buried. However, to install it above ground, it can be placed in a lockable box (See image page 1)

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