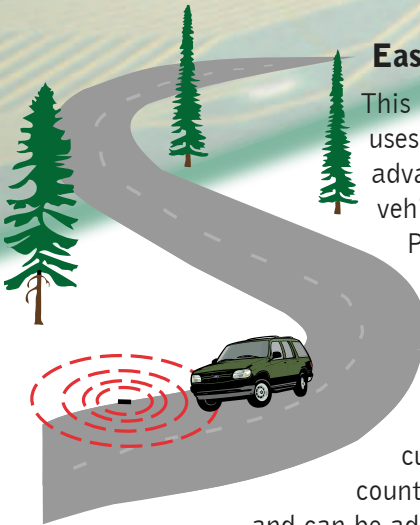
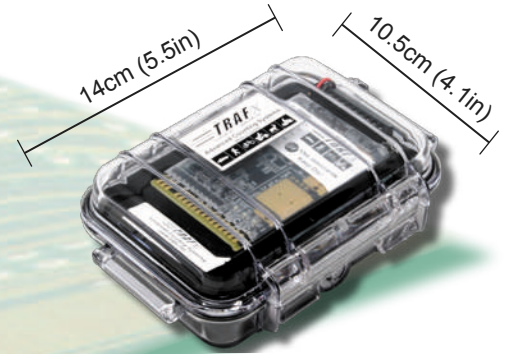


## Key Info

- Counts one or two lanes
- Advanced microelectronic design
- Self-contained design, no external wires or tubes
- Install at roadside, above or below ground
- Maximum range: 8m (26ft.)
- Ideal for rural, rugged and remote roads
- Use as permanent or portable counter
- Very small and easy to hide — reduces vandalism risk
- Long battery life (up to 1.2 years)
- Large storage capacity (millions of counts)
- Built for outside: -40C (-40F) to +55C (131F)
- Low operating costs (~\$3/year for batteries)
- Field-proven, Generation 4 design (>10 year history)
- Used worldwide, from Iceland to New Zealand



## Easy Installation

This innovative, reliable, compact vehicle counter uses an aerospace-quality magnetometer, and advanced embedded software, to detect passing vehicles.

Passenger cars can be counted from up to 8 metres (26 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 counter 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, particularly gravel roads. It uses three standard "C size" alkaline batteries.



Inside lockable box

## TRAFx Counting System

### TRAFx Dock

To download counters in the field (without PC)

To configure counters (with PC)



### TRAFx DataNet

To view and manage your data

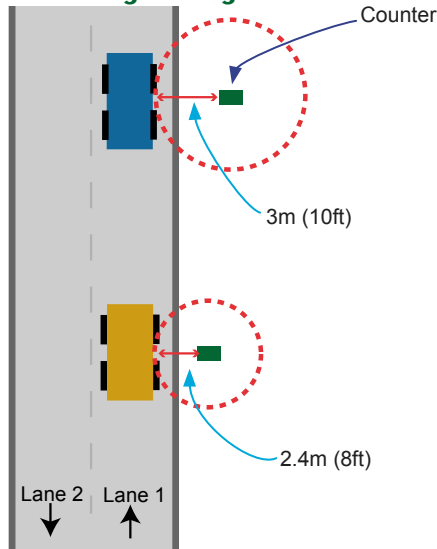


To produce professional reports in seconds.



Try the free Demo at [www.trafx.net](http://www.trafx.net)

## Counting a Single Lane



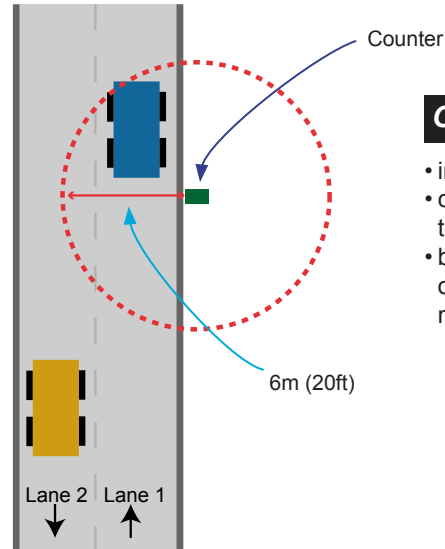
### OPTION A

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

### OPTION B

- install roadside
- counts Lane 1

## Counting Two Lanes



### OPTION C

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

There are a number of ways to deploy the TRAFx Vehicle Counter: bury it, put it in a box, put it inside a PVC pipe, or even place it under a bridge or in a cattleguard.



See Appendix 2 in the counter's instruction document regarding boxes, enclosures, PVC posts, etc. Download at: [trafx.net/support](http://trafx.net/support)

## 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
- User replaceable parts
- Engineered and built in the Canadian Rockies

## SPECIFICATIONS

CASE: 14cm x 10.5cm x 5cm (5.5in x 4.1in x 2in); weatherproof  
 WEIGHT: 250g (8.8oz) (without batteries)  
 POWER: Three "C size" alkaline batteries (e.g., Energizer)  
 BATTERY LIFE: 13 to 15 months max. with three C alkalines  
 36 months max. with one D lithium (custom.)  
 DETECTION RANGE: 8m (26ft) 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; 10ppm accuracy @ 20C  
 OPERATING TEMPERATURE: -40C (-40F) to +55C (131F)  
 SENSOR TYPE: Low-field geomagnetic  
 COMMUNICATIONS: RS232 serial; 115,000 baud  
 OTHER: Gold-plated circuitboard; two coats silicon (anti-moisture); ESD protection and short circuit protection; RoHS (lead-free)  
 LIMITED WARRANTY: 1 year; covers manufacturing defects.  
 EMI COMPLIANCE: FCC, IC, CE

## 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 special conversion kit.

Visit [www.trafx.net](http://www.trafx.net) for details.

*"3-in-1 design!"*

## ACCESSORIES/OPTIONS

- LCD tally display
- Extended 5-year warranty
- IR conversion kit

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