

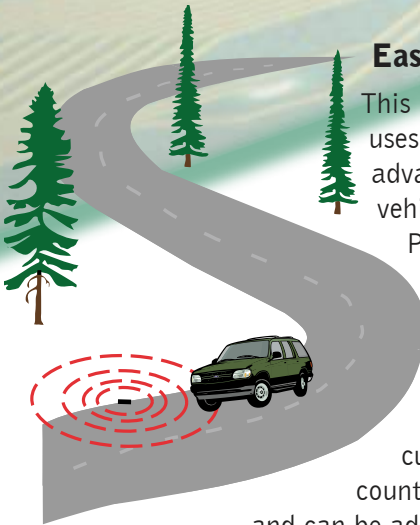
Key Info

- 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 installation, operating, and maintenance costs
- 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.

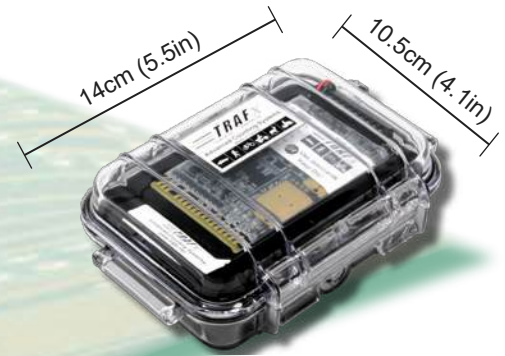


Compact Design

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

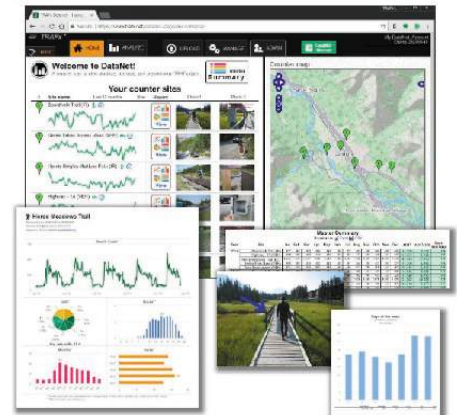
To download counters in the field (without PC)

To configure counters (with PC)

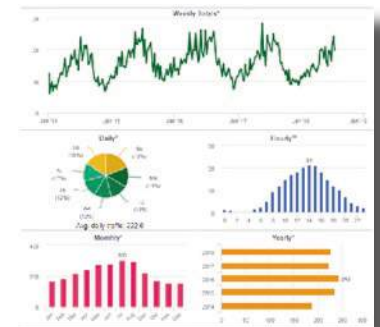


TRAFx DataNet

To view and manage your data

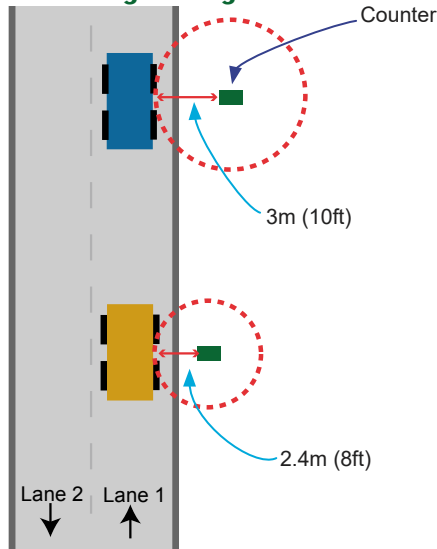


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Try the free Demo at www.trafx.net

Counting a Single Lane



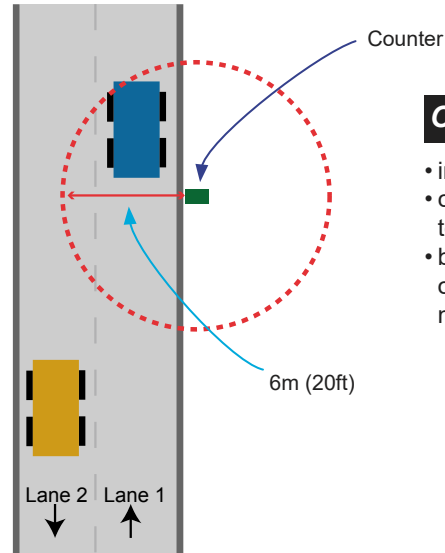
OPTION A

- 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

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 (ENIG) 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 for details.

"3-in-1 design!"

ACCESSORIES/OPTIONS

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

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