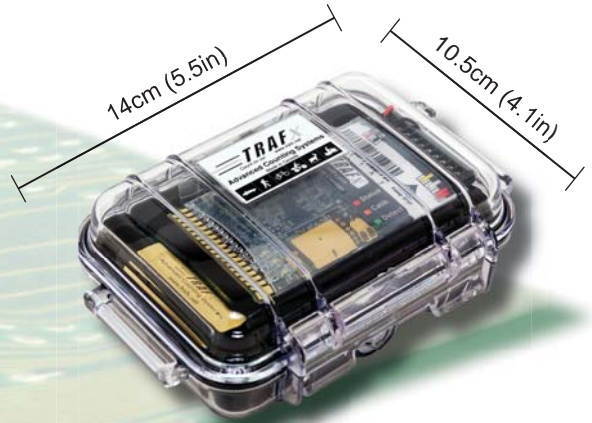


Key Features

- Advanced Microelectronic Design
- Optimized to Detect and Count Bikes on Trails
- Designed to be Buried
- Small and Easy to Hide — Reduces Vandalism Risk
- Long Battery Life
- Large Memory Capacity (store > 400 million counts)
- Field-Proven, Generation III Design (10 year history)



Designed to be Buried

This counter is designed to be buried beside or in the middle of a trail, depending upon the trail's width.

When a bike passes, a tiny magnetometer coupled with advanced embedded processing software, detects and records a count. It is mainly intended for mountain bike trails, but can also be installed on regular bicycle paths under 2m (6.6ft) wide.



Quick Installation

The low-power design ensures battery efficient operation, and because it is small, this counter is quick to install. It uses three standard "C size" alkaline batteries.

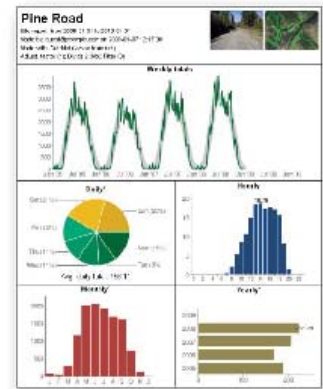
Connect the counter to a desktop, laptop, or pocket PC with the TRAFx Dock to configure settings or download data.

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



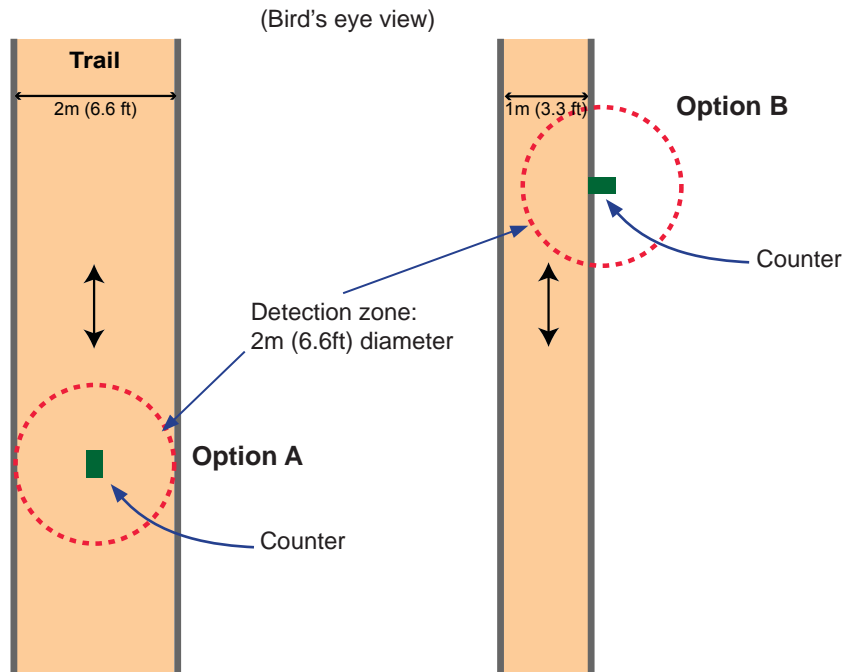
Your counter sites			
Site name last 12 months	Photo	Map	Site Report
Pine Road			
Vista Trail			
Alpine Trail			

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





OPTION A

- install mid-trail

OPTION B

- install trailside

FEATURES

- Hourly or daily totals, or timestamps
 - 14 000 hourly or daily totals = > 400 million counts
 - 14 000 timestamps
- Flexible installation options (see above)
- Proprietary design for detecting bicycles
- 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: 7 to 8 months max. with three alkalines
 20 months max. with one lithium
 DETECTION RANGE: 2m (6.6ft); see diagrams above
 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 Mountain Bike Counter comes pre-programmed and ready to use as the TRAFx OHV Counter or the TRAFx Vehicle 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.

"3-in-1 design!"

ACCESSORIES/OPTIONS

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

Visit www.trafx.net for details

TRAFx Research Ltd.

6A Riverstone Road, Canmore, Alberta, Canada T1W 1J5
 T: (403) 678 1802 F: (403) 451-1561
 E: info@trafx.net www.trafx.net

