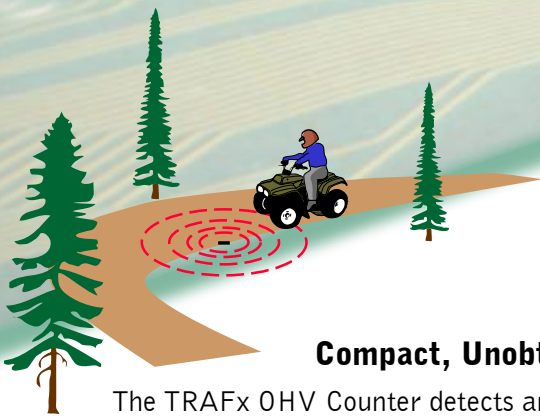
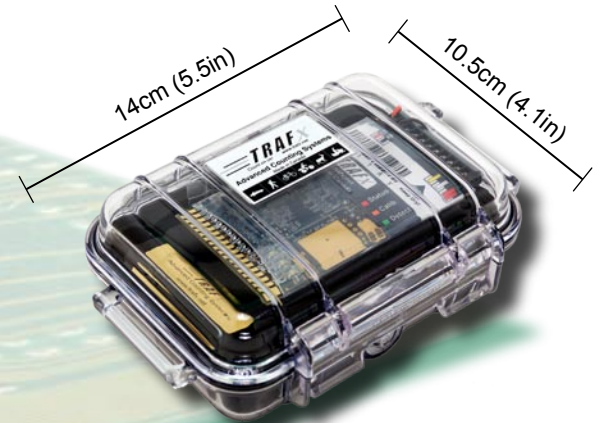


## Key Features

- For Off-Highway Vehicles (ATVs, quads, dirt bikes, etc.)
- Advanced Microelectronic Design
- Self-Contained Design, no External Wires or Tubes
- 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)



## Compact, Unobtrusive Design

The TRAFx OHV Counter detects and counts off-highway vehicles such as ATVs, quads, motorcycles, jeeps, 4x4s, etc. This is the first and only purpose-built OHV counter available. Because it is about the size of a bar of soap, including batteries and waterproof case, it is easy to deploy and hide. It is designed to be buried. Sophisticated counting options are standard with every unit.

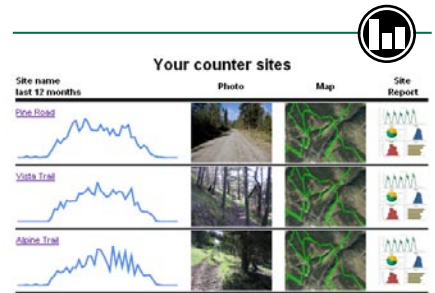
## Easy to Deploy

Each TRAFx OHV Counter combines a tiny magnetometer with advanced embedded software and hardware design to produce a state-of-the-art, small, battery-efficient, easy to hide and deploy counter built for the outdoor environment. It uses three standard "C size" alkaline batteries.

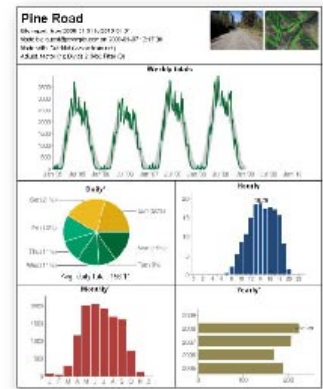


Connect the counter to a PC with the TRAFx Dock to configure it.

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

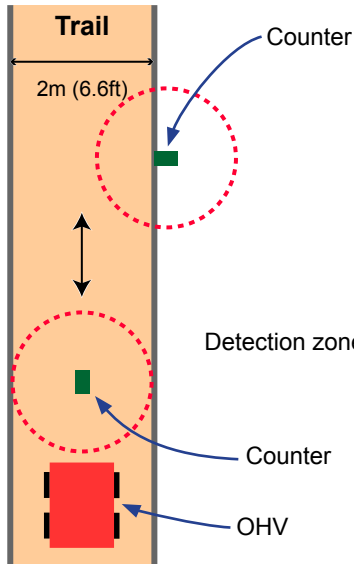


Use TRAFx DataNet to view and manage your data and produce professional reports in seconds.



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

(Bird's eye view)



## OPTION A

- install trailside

## OPTION B

- install mid-trail

- The specified 2m (6.6ft) detection zone diameter is for small OHVs such as dirt bikes; larger vehicles (e.g. quads, 4x4s) are detected from farther away (up to 5 to 6m for highway vehicles).
- If only a portion of an OHV enters the detection zone, it will be detected.
- The detection zone extends out in all directions from the counter, whether the counter is placed above or below ground.
- If burying the counter, bury it approximately 5 to 10cm (2 to 4in) below the surface; it can also be placed above ground.

## 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 small vehicles
- 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

*"3-in-1 design!"*

## TRAFx VERSATILITY

The TRAFx OHV Counter comes pre-programmed and ready to use as the TRAFx Vehicle 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](http://www.trafx.net) for details.

## 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 diagram 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](http://www.trafx.net/legal)

## ACCESSORIES/OPTIONS

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

## TRAFx Research Ltd.

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

