

Overview



Our Bicycle-Horse-People (Triple) counting system counts cyclist, pedestrians and horses separately, providing count information for each type of user.

The counter is suitable for bike paths up to 3 metres wide.

Installation

The Triple counter is normally supplied with either our protective housing or metal posts.

The posts or housing are installed on either side of the path. The post option allows the unit to be set further back from the path (up to 5 metres separation distance) as the bike antenna can be buried closer to the path and can be hidden amongst rocks. There is no cabling requirement.

Installation is straightforward and the unit has a beam alignment check facility. Full instructions are included.

The Bicycle-People-Horse counter was updated in 2009 to reduce the power consumption and the size of our previous counter.

Data Collection Options:

The system is supplied with one of the following:

- 6 Digit display which is reset with magnet
- Data logger for the download of time-date counts onto a PC.
- Wireless transmitter for the continuous download of data onto a PC

Additional RadioBeam Counters

Bicycle-People multi-category counter separately counts each category of user

Bicycle counter only counts cyclists

Bicycle cycle lane counters

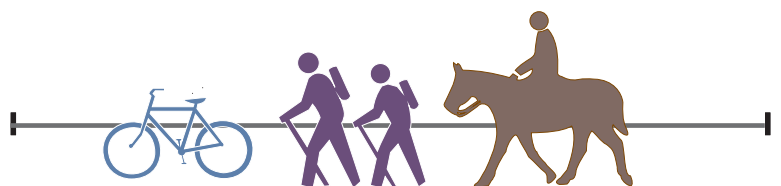
People counter counts all trail users

Features and Benefits

- ◆ Separately counts cyclists, pedestrians and horses
- ◆ Dual frequency RadioBeam technology using our well proven and unique RadioBeam technology to provide reliable and accurate counting in all weather conditions
- ◆ Long sensing distance
- ◆ Suitable for all types of paths including paved as installed with no path disturbance
- ◆ Self-calibrating for optimum performance
- ◆ Units are installed on either side of path with no cabling between the units
- ◆ No visible sensors to be kept clean or attract the public
- ◆ No maintenance and long battery life
- ◆ Protective housing model has all elements contained within housing, including the bike antenna
- ◆ Metal post model is extremely vandal proof. The bike antenna is connected to the control unit in the post by a concealed wire which emerges at the post base. The wire and antenna can be hidden in vegetation, rocks, or soil at the side of the path.
- ◆ Highly vandal resistant with security tool required to open either the housing or the post. Access is needed to change batteries, to read display or to download data.

Target Applications

- ◆ Tracks and trails where there is multi-use and count information for each category of use is required.
- ◆ Tow paths



RadioBeam Bicycle, People and Horse Counter

Specifications

Technology:	Dual RadioBeam
Units:	Transmitter and receiver unit incorporate the people-horse detection antenna. These units are attached to the bike antenna.
Track width:	
Bikes	3 metres maximum for standard model
People-Horse	5 metres
Housing:	
Transmitter & Receiver:	Robust polycarbonate
Bike antenna:	Fully encapsulated
Dimensions:	
Transmitter:	80 mm x 86 mm x 55 mm
Receiver:	120 mm x 122 mm x 55 mm
Bike antenna	220 mm x 27 mm
Waterproofing:	BS IP67
Batteries:	
Transmitter:	8 D cells alkaline (life > 12 months for standard settings)
Receiver:	4 D cells alkaline (life > 12 months)
Indicators and controls:	
Transmitter:	Battery check LED
Receiver:	Three 6 digit LCD displays (if supplied without logger) Bike detect and signal 'lock' LED Bike sensitivity control Beam strength and battery check LED Magnetic switch to turn on LEDs Magnetic switch to reset display
Approvals:	UK DTI approved to MPT 1349

Options:

Data Logger (2X)	Records date, time and counts for download to PC
Wireless unit	Wireless link to PC for continuous download of count data
Protective housing	Provides high vandal resistance and additional protection from the elements
Metal mounting posts	Galvanised steel -incorporate the control box & batteries



Transmitter



Receiver



Bike antenna