

Overview

Our Bicycle-People counting system (RBBP7) counts cyclists and pedestrians separately, providing count information for each type of user.

The standard unit is suitable for bikes on paths up to 3 metres wide, but it can be configured for paths up to 3.5 metres if required.

Installation

The RBBP7 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 antenna can be buried closer to the path. There is no cabling requirement.

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

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 bike counters

Bicycle Cycle Lane counter (RBB7-CL): single sided system ideal for locations where bike and car lanes are adjacent or where a single-sided installation is required.

Bicycle-People-Horse (Triple): separately counts each category of user.

Bicycle counter (RBB7): counts only cyclists



Features

- ♦ Separately counts cyclists and pedestrians
- ♦ 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. 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.
- ♦ Supplied either with LCD display or data logger for time-date data that can be downloaded onto a PC

Target Applications

- ♦ Bicycle tracks and trails
- ♦ Long distance cycle routes
- ♦ Forestry tracks, rough and paved paths
- ♦ Urban green-ways
- ♦ Mountain biking centres

RadioBeam Bicycle & People Counter

Technology:	Dual RadioBeam
Units:	Transmitter and receiver units.
Antenna:	Bike antenna is either external to the units or internal. The people antenna is contained within the units.
Track width:	
Bikes	3 metres maximum for standard model 3.5 metres maximum for high power configuration
People	5 metres
Housing:	
Transmitter & Receiver:	Robust polycarbonate
Bike antenna:	Fully encapsulated
Dimensions:	
Transmitter:	80 x 86 x 55 mm
Receiver:	120 x 122 x 55 mm
External bike antenna	220 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:	Two 6 digit LCD displays (with display model) Bike detect Bike sensitivity control People beam strength and battery check LED Magnetic switch to reset display (display model only)
Approvals:	UK DTI approved to MPT 1349

Options:

Data Logger (2X)	Records date, time and counts for download to PC via a USB lead.
Protective housing	Provides high vandal resistance and additional protection from the elements. Size 19 x 38 x 13 cm. Opened using supplied security tool. All elements are within the box. Mounting plate can be provided
Metal mounting posts	Galvanised steel which can be painted. Bike antenna buried next to path and cable concealed within post.

Protective housing



Brown metal post

