

Overview

The RBX5C car counter uses our well-established RadioBeam technology for counting cars. It operates under all weather conditions including heavy rain and snow.

It can be used on tracks, entrances/exits or roads up to 12 metres wide. The RadioBeam system is well suited for situations such as car park entrances and exits. Where the vehicles are passing slowly it can be set up so that it will not count people walking past the counter. In situations such as roads where vehicles may be moving quickly, it will count people passing the counter.

The system consists of a small transmitter and receiver. They are housed in robust polycarbonate boxes and there are no external sensors or leads. The units are battery operated and have a long battery life.

Installation is straightforward. A unit is positioned on each side of the road or track and aligned using the inbuilt 'beam alignment' indicator. There is no disturbance to the surface as there are no wires connecting the units. The system is normally supplied with protective housing or posts.

There is no on-going maintenance other than infrequently changing the batteries.

Options

Data loggers enable the download of data onto a PC and the set-up of variable counting periods.

Wireless connection allows for the continuous download of data onto a PC

Protective housing provides additional protection from the elements and has vandal-proof screws.

Wooden or metal mounting posts incorporate the units and give a complete installation solution.

Additional car counters

The Automag car counter counts cars and ignores pedestrians.

The Car-People counter counts cars and people separately

Customised counters that count movement in one direction only can be supplied.

Features

- ♦ 12 metre sensing distance
- ♦ Unique and proven RadioBeam technology
- ♦ Low power battery system
- ♦ Small and inconspicuous units
- ♦ No external sensors, cables, switches
- ♦ Beam passes through wood, plastic, etc
- ♦ No surface disturbance during install
- ♦ Optional data logger or wireless system
- ♦ Mounting posts or protective housing available

Benefits

- ♦ Reliable all-weather operation
- ♦ Highly accurate counting of cars
- ♦ Ideal for hard and soft tracks and entrances/exits
- ♦ Easily hidden from view
- ♦ Long battery life - no other maintenance
- ♦ Highly vandal resistant
- ♦ Easy to install
- ♦ Data displayed on screen or downloadable onto PC

Target Applications

- ♦ Entrances and exits to visitor centres and attractions, hotels, resorts, parks, gardens, etc
- ♦ Forestry tracks, golf courses
- ♦ Roads or tracks where cars move slowly



RadioBeam Car Counter

Specifications

Technology:	RadioBeam
Track Width:	12 metres or 40 feet maximum
Housing:	Polycarbonate
Dimensions:	
Transmitter:	80 mm x 80 mm x 55 mm
Receiver:	120 mm x 122 mm x 55 mm
Waterproofing:	BS IP67
Batteries:	4 AA lithium or 2 PP3 lithium life >400 days operation for AA lithium life >200 days operation for PP3 lithium
Approvals:	UK DTI Approved to MPT 1349
Indicators and controls:	
Transmitter:	Battery check LED Magnetic switch to turn on LED
Receiver:	6 digit LCD counter (if supplied without logger or wireless) Beam strength and battery check LED Magnetic switch to reset counter Magnetic switch to turn on LED

Options

Data Logger	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
Wooden or metal mounting posts	Incorporate the control units and batteries



Transmitter in protective housing



Receiver with display in protective housing