

Overview

The Car and People counter uses our well-established RadioBeam technology to separately count cars and people and is used where cars pass slowly past the counter. This technology allows the system to be used reliably at wide entrances up to 12 metres wide. It operates under all weather conditions including heavy rain and snow.

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. The units can be placed behind plastic or wood so that they can be disguised from passing traffic. There is no disturbance to surface as there are no wires connecting the units.

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

AutoMag car counter specifically counts vehicles on roads/tracks up to 4 metres wide

RadioBeam car counter counts vehicles on roads/tracks up to 12 metre wide

Customised counter that counts cars and people in one direction only can be supplied.

Features

- ♦ Counts cars and people individually
- ♦ Unique and proven RadioBeam technology
- ♦ 12 metre sensing distance
- ♦ 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
- ♦ Ideal for hard and soft tracks and entrances/exits
- ♦ Easily hidden from view
- ♦ Long battery life - no other maintenance
- ♦ Vandal resistant
- ♦ Easy to install
- ♦ Data displayed on screen or downloadable onto PC

Target Applications

- ♦ Locations where usage is shared by cars & pedestrians
- ♦ Forestry tracks, golf courses,
- ♦ Entrances and exits to visitor centres and attractions, hotels, resorts, parks, gardens, etc



RadioBeam Car and People 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 P67
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