

RadioBeam Car Counter RBXC-EB

Overview

The RBXC-EB car counter uses our well-established RadioBeam technology for counting vehicles. 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 areas 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. On roads, where vehicles may be moving quickly, it will count people. The RBXC-EB is best used in positions where vehicles will not stop in front of the counting position.

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 infrequent battery changes (every 7 years).

Options

Data loggers enable the download of time/date data onto a PC.

IP68 protective housing or metal posts.

Can be supplied as mains operated.

6 digit display on request.

Additional car counters

Automag car counter: single sided unit with 3 metre detection distance.

Car-People counter: counts cars and people separately.

Directional counters (RBXCD)

IR car counters (for undercover car parks)

Features

- ♦ Unique and well-proven RadioBeam technology
- ♦ Double sided unit with up to 12 metre separation distance
- ♦ Counts all vehicles (non-directional)
- ♦ 7 year battery life
- ♦ No external sensors, cables, switches
- ♦ Beam passes through wood, plastic, etc
- ♦ No surface disturbance during install
- ♦ Internal data logger

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
- ♦ Download data onto PC

Target Applications

- ♦ Entrances and exits to visitor centres and attractions, hotels, resorts, parks, gardens, etc
- ♦ Forestry tracks, amenity centres, car washes
- ♦ Roads or tracks



RadioBeam Car Counter

Specifications

Technology:	RadioBeam
Track Width:	12 metres (40 feet) maximum
Internal Housing:	Polycarbonate
Internal Dimensions:	
Transmitter:	80 mm x 80 mm x 55 mm
Receiver:	120 mm x 122 mm x 55 mm
Internal Waterproofing:	BS IP67
Batteries:	3 x C size 3.6V lithium 7 year battery life
Approvals:	UK DTI Approved to MPT 1349
Indicators and controls:	
Transmitter:	Battery check LED Magnetic switch to turn on LED
Receiver:	Internal data logger Beam strength and battery check LED Magnetic switch to reset counter (if supplied with display) Magnetic switch to turn on LED

Options

Data Logger	Internal logger Records date, time and counts for download to PC
Protective housing	Provides high vandal resistance and additional protection from the elements Waterproof to IP68 Transmitter dimensions: 200mm x 210mm x 110mm Receiver dimensions: 250mm x 200mm x 140mm
Mounting posts	Galvanised steel posts (can be painted) incorporate the control units and batteries



Transmitter in protective housing



Receiver with logger in protective housing