

Overview

The AutoMag car counter is a single sided, battery operated system for counting vehicles that is simple to install and reliable under all conditions. It can be used on any surface taking vehicles as the installation does not involve any disturbance to the road. It is specific for vehicles and does not detect pedestrians. It has sensitivity control circuitry that enables the user to configure the unit for detection distances.

The system consists of a control unit attached to the sensor. The AutoMag detects the change in the ambient magnetic field that occurs when a vehicle passes. It has in-built automatic tuning circuitry to ensure the system operates at optimum performance at all times.

Installation is straightforward as the sensor is simply placed at the side of the road or track. The control unit is generally placed further back and it can be supplied with a bracket so that it can be securely attached to a lamp post, etc or can be supplied in a robust metal pillar. It should not be positioned where cars will stop in front of the counting position.

The AutoMag is normally supplied with 6 D size batteries but other battery options are available including a rechargeable 12 volt car battery.

Options

Data loggers enable the download of time/date counts onto a PC. Wireless connection allows for the continuous download of data onto a PC.

Protective housing or posts for the control unit

Can be supplied as mains operated.

Notes:

Not to be installed in positions where cars will stop in front of the counting position (use RBX8C)

Additional car counters

RadioBeam car counter counts vehicles on roads and tracks up to 12 metres wide.

RadioBeam Car-people counter counts vehicles and people separately.

Linked counters can be provided which will provide information on number of cars in car park, etc.

Features

- ♦ Single sided unit with 2 metre detection distance
- ♦ Does not detect pedestrians
- ♦ Utilises sophisticated magnetometer technology
- ♦ User configurable for distance
- ♦ Automatic tuning for optimum performance
- ♦ No surface disturbance during install
- ♦ Optional data logger or wireless system
- ♦ Control box supplied in post or protective housing
- ♦ Can be supplied as mains operated

Benefits

- ♦ Reliable all-weather operation
- ♦ Accurate counting of vehicles of all types
- ♦ Flexible operation
- ♦ Easily hidden from view
- ♦ Highly vandal resistant
- ♦ Easy to install
- ♦ Data displayed on display or downloadable onto PC

Target Applications

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



AutoMag Car Counter

Specifications

Technology:	Magnetometer
Unit:	Control box containing electronics and batteries Magnetometer
Sensing distance:	2 metres
Housing:	
Control unit:	Polycarbonate
Magnetometer:	Fully encapsulated with 3 metre lead as standard
Dimensions:	
Control unit:	120 mm x 122 mm x 55 mm
Magnetometer:	30 mm diam. x 80 mm
Waterproofing:	BS IP67
Battery Options:	8 D size alkaline (lasting up to 80 days) 12 volt lead acid (up to 3 months before recharging) 12 volt leisure battery (supplied by customer) Mains adaptor option available
Tuning:	Automatic self-tune
Indicators and controls:	
Control box:	6 digit LCD counter (if supplied without data logger) Battery check LED Vehicle detection LED Sensitivity control Push button switch to turn on LEDs

Options

Data Logger	Records date, time and counts for download to PC
Wireless unit	Wireless link to PC for continuous download of count data
Mounting options	Polycarbonate protective housing or galvanised steel post.

