

Overview

The RRX-EB people counting system is our latest model that uses RadioBeam technology and is a single-sided counter that counts all path users.

This counter provides accurate and reliable counting under all weather conditions including heavy rain and snow. There are no external sensors and the system requires no maintenance other than infrequent changing of batteries.

The system consists of a transmitter and receiver unit housed in a single robust polycarbonate box. The system transmits a narrow band of RF which is reflected from the person walking past.

Installation

The unit is very easy to install as it is simply placed next to, or above, the path. All elements of the system are supplied completely enclosed within the protective housing or within a post (refer datasheets).

If installed within a post a waymark sign is usually placed on it.

Data Collection Options

Internal data logger for the download of time-date counts onto a PC.

6 digit display on request.

Additional models

For wide paths the RBX-EB is the best option for people counting.

Directional people counters distinguish the direction of movement.

Multi-category counters to distinguish the type of path user include: People-Bicycle, People-Car, People-Horse, People-Horse-Bike triple counter).

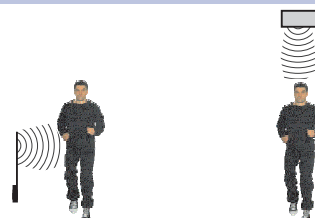
Bike counters: RadioBeam Bicycle.

Features and Benefits:

- ◆ Unique and proven RadioBeam technology for reliable & accurate counting in all weather including adverse and extreme conditions
- ◆ One-sided unit
- ◆ Can be placed above the path
- ◆ Suitable for paths up to 2 metres wide
- ◆ Suitable for all types of paths - no path disturbance
- ◆ Narrow beam provides good discrimination between individuals in a group
- ◆ Highly vandal resistant and easily disguised from the public
- ◆ Long battery life of 8 years
- ◆ No external sensors to keep clean, and no cables or switches to attract attention
- ◆ No maintenance
- ◆ Supplied with data logger for time/date data that can be downloaded onto a PC (display for manual counts can be supplied on request)
- ◆ Normally supplied either with robust protective housing, metal or recycled plastic posts. All elements are contained within a single post or housing which must be opened with the supplied security tool.

Target Applications

- ◆ Hiking and nature trails, forestry tracks
- ◆ Tow paths and paved paths
- ◆ Public parks and gardens, outdoor visitor centres
- ◆ Outdoor and semi-outdoor public places



RadioBeam RRX People Counter Specifications

Technology:	RadioBeam Single Sided
Models:	RRX-EB
Track width:	2 metres wide maximum
Internal Housing:	Polycarbonate to IP67
Batteries :	2 x C size 3.6V lithium 8 years operation (for C lithium) - supplied as standard
Approvals:	UK DTI Approved to MPT 1349
Indicators and controls:	
Battery check	Battery check LED - flashes every 10 secs when battery ok
Detection indicator	Flashes red when a pedestrian is counted
Display	6 digit LCD counter (if supplied without logger) Magnetic switch to reset counter
	Options
Data 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.
Recycled plastic posts (wood effect)	Incorporates the counting system, access via stainless steel plate.
Metal posts	Galvanised steel. Incorporates the counting system and provides a vandal proof installation solution. Posts can be painted.



RRX-EB in protective housing



RRX-EB in recycled plastic post



RRX-EB in metal post