



Overview

The RBX-EB counting system is the newest version of our most popular outdoor people counter. All path users are counted and two models are available:

Standard (RBX-EB): paths up to 6 metres

Long-Range (RBXL-EB): paths up to 20 metres

We developed the RBX range using RadioBeam technology to provide accurate and reliable counting under all weather conditions including heavy rain and snow. We have units operating for more than 15 years in harsh environments.

The system consists of a small transmitter and receiver unit housed in robust IP68 reinforced polycarbonate boxes.

Both versions of this counter have a 7 year battery life.

Installation

All elements of the system (batteries, etc) are supplied completely enclosed within protective housing or within posts (refer datasheets).

The posts or housing can be installed discretely on either side of the path so that they are not obvious to the public.

Installation is straightforward and the unit has a beam alignment check facility. Full instructions are included.

Data Collection Options

Internal data logger for the download of time-date counts onto a PC (can also be supplied with a tablet preloaded with the software for downloading data).

Additional models

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
- ◆ Suitable for wide paths - up to 20 metres
- ◆ Suitable for all types of paths - no path disturbance
- ◆ Narrow beam provides good discrimination between individuals in a group
- ◆ No external sensors, cables or indicators.
- ◆ Highly vandal resistant and easily disguised from the public
- ◆ Configurable to exclude cars from counts
- ◆ 7 year battery life
- ◆ No external sensors to keep clean, and no cables or switches to attract attention
- ◆ No maintenance other than battery changes every 7 years
- ◆ Supplied with data logger for time/date data that can be downloaded onto a PC.
- ◆ Normally supplied either with robust IP68 protective housing, metal or recycled plastic posts. All elements are contained within the post or housing which must be opened with the supplied security tool.

Target Applications

- ◆ Hiking and nature trails, forestry and coastal tracks
- ◆ Tow paths and paved paths
- ◆ Historical, archeological and geological sites
- ◆ Public parks and gardens, outdoor visitor centres
- ◆ Outdoor and semi-outdoor public places
- ◆ Downhill and cross-country ski runs





RadioBeam™

RBX-EB People Counter Specifications

Technology:	RadioBeam
Models:	RBX-EB (Standard range), RBXL-EB (Long range)
Maximum Track width:	RBX-EB - 6 metres RBXL-EB - 20 metres
Batteries:	4 off C size 3.6V lithium 7 years operation
Approvals:	UK DTI Approved to MPT 1349
Transmitter indicator:	Battery check LED activated by magnet
Receiver indicators:	Beam strength and battery check LED activated by magnet
Data Logger	Internal: records date, time and counts for download to PC
Installation options	

Protective housing

Provides high vandal resistance and additional protection from the elements (Ip68).

Transmitter (both): 17 cm x 17cm x 10cm
Receiver RBX-EB: 17 cm x 17cm x 10cm
Receiver RBXL-EB: 17 cm x 21cm x 13cm

Recycled plastic posts

Wood effect. Incorporates the counting system, access via stainless steel plate (RBX-EB only).

Metal posts

Galvanised steel. Incorporates the counting system and provides a vandal proof installation solution (all units). Posts can be painted.

Transmitter RBX-EB & RBXL-EB in protective housing (lid off)



Receiver RBX-EB in protective housing (lid off)



Unit with IP68 protective housing closed RBX-EB (transmitter and receiver) & RBXL-EB(transmitter)



RBXL-EB in black metal post



RBX-EB in recycled plastic post



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