



Overview

The RBX counting system is our most popular outdoor people counter. All path users are counted and two models are available:

Standard (RBX): paths up to 6 metres

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

RadioBeam Technology: 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 polycarbonate boxes.

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

6 Digit display which is reset with supplied magnet

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

Wireless transmitter for the continuous download of data onto a PC

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
- ◆ Highly vandal resistant and easily disguised from the public
- ◆ Configurable to exclude cars from counts
- ◆ Long battery life
- ◆ No external sensors to keep clean, and no cables or switches to attract attention
- ◆ No maintenance other than battery changes
- ◆ Supplied either with display for manual counts or with data logger for time/date data that can be downloaded onto a PC.
- ◆ Normally supplied either with robust protective housing, metal or re-cycled 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 tracks
- ◆ Tow paths and paved paths
- ◆ Public parks and gardens, outdoor visitor centres
- ◆ Outdoor and semi-outdoor public places
- ◆ Downhill and cross-country ski runs





Technology:	RadioBeam
Models:	RBX8 -(Standard range), RBX8L - (Long range)
Maximum Track width:	RBX8 - 6 metres max RBX8L - 20 metres max
Housing:	Polycarbonate to IP66
Dimensions:	
Transmitter:	80 mm x 80 mm x 55 mm (both units)
Receiver:	120 mm x 80 mm x 55 mm (RBX) 120 mm x 122 mm x 55 mm (RBXL)
Batteries:	2 AA lithium or 1 PP3 lithium >2 years operation (for AA lithium) - supplied as standard >1 year operation (for PP3 lithium) 10 year battery option available
Approvals:	UK DTI Approved to MPT 1349
Transmitter indicator:	Battery check LED - flashes every 4 secs when battery ok
Receiver indicators:	Beam strength and battery check LED, (activated by magnet)
Display	6 digit LCD counter (if supplied without logger), reset by magnet
Data Logger	Records date, time and counts for download to PC
Installation options	

Protective housing	Provides high vandal resistance and additional protection from the elements. (Optional mounting plates available)
Recycled plastic posts	Wood effect. Incorporates the counting system, access via stainless steel plate (RBX only)
Metal posts	Galvanised steel. Incorporates the counting system and provides a vandal proof installation solution. (All units) Posts can be painted.



Transmitter
RBX & RBXL
(lid off)



Receiver RBX
in protective housing
(lid off)



Protective housing RBX
(sprayed brown)



Receiver RBXL
in protective housing
(lid off)



RBXL in
black metal post



RBX in recycled
plastic post