

Overview

The RBX5 counter models are our most popular outdoor people counters. The standard model (RBX5) is suitable for paths up to 6 metres wide for the standard unit, 14 metres for the extended range unit (RBX5E) and 20 metres for the long range unit (RBX5L).

We have developed the RBX5 using radio beam technology to provide accurate, reliable and versatile outdoor counters. They can operate under adverse weather conditions including heavy rain and snow, and we have had units operating for more than 10 years in harsh environments. There are no external sensors to keep clean or to attract attention to the counter.

The counter consists of a small transmitter and receiver which are housed in robust polycarbonate boxes. The sensor has a narrow beam and can distinguish between individuals within a group when separated by only a small gap.

The counting system is highly vandal-resistant and they can be installed discretely. Installation is straightforward and counters can be moved between locations. A unit is positioned on each side of the path and the beam aligned using the alignment facility. There is no disturbance to path surfaces and no cables or leads.

The counter is normally supplied with either protective housing or enclosed in recycled wood effect posts or metal posts. The housing or the posts contain the control unit, batteries and data logger.

Options

Data loggers enable the download of data onto a PC and the set-up of variable counting periods.

Wireless connection allows 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.

Features

- ♦ Unique and proven RadioBeam technology
- ♦ 6, 14 or 20 metre maximum sensing distance.
- ♦ Small and inconspicuous units
- ♦ No external sensors, cables, switches
- ♦ Beam passes through wood, plastic, etc
- ♦ Configurable to exclude counts from cars
- ♦ Robust construction
- ♦ Optional data logger or wireless system
- ♦ Mounting posts or protective housing available

Benefits

- ♦ Reliable all-weather operation
- ♦ Highly accurate counting
- ♦ Ideal for wide paths, trails, tracks, etc
- ♦ Easily hidden from view
- ♦ Long battery life - no other maintenance
- ♦ Vandal resistant
- ♦ Easy to install
- ♦ Data displayed on screen or downloadable onto PC

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



RadioBeam People Counter Specifications

Technology:	RadioBeam
Models:	Standard (RBX5), RBX5E (extended range) and Long-Range (RBX5L)
Track width:	6 metres maximum for standard model 14 metres maximum for the extended range model 20 metres maximum for long range model
Housing:	Polycarbonate
Dimensions:	
Transmitter:	80 mm x 80 mm x 55 mm
Receiver:	120 mm x 80 mm x 55 mm (standard model and RBX5E) 120 mm x 122 mm x 55 mm (long model)
Battery box(separate):	80 mm x 50 mm x 30 mm (RBX5E)
Waterproofing:	BS IP67
Batteries (Receiver):	2 AA lithium or 1 PP3 lithium >400 days operation (for AA lithium) >200 days operation (for PP3 lithium)
Batteries (Transmitter):	2 AA lithium or 1 PP3 lithium >2 years operation (for AA lithium) >400 days operation (for PP3 lithium)
Approvals:	UK DTI Approved to MPT 1349
Indicators and controls:	
Transmitter:	Battery check LED Magnetic switch to turn on LED
Receiver:	6 digit LCD counter (if supplied without logger) Beam strength and battery check LED Magnetic switch to reset counter Magnetic switch to turn on LED

Options

Data Logger	Records date, time and counts for download to PC
Wireless unit	Wireless link to PC for continuous download of count data
Protective housing	Provides high vandal resistance and additional protection from the elements. (All models))
Wooden appearance recycled plastic posts.	Incorporates the counter unit and provides complete installation solution. (RBX5 and RBX5E)
Metal posts	Incorporates the counter unit and provides a vandal proof installation solution. (All models)



**Transmitter
RBX5, RBX5L**



**Receiver
RBX5 and RBX5E**



**Receiver
RBX5L**