

Overview

The RBX7 counter models are our most popular outdoor people counters. The standard model (RBX7) is suitable for paths up to 6 metres wide, the extended model (RBX7E) for paths up to 12 metres, and the long range model (RBX7L) for paths up to 20 metres.

We have developed the RBX7 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 can be installed discretely. Installation is straightforward and counters can be easily 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 enclosed within protective housing or posts. The housing or the posts contain all elements, e.g. the control unit, batteries and data logger.

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

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, 12 or 20 metre maximum sensing distance.
- ♦ Small and inconspicuous units
- ♦ No external sensors, cables, switches
- ♦ Beam passes through wood, plastic, etc
- ♦ Configurable to exclude cars from counts
- ♦ 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 display 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:	RBX7 -Standard range), RBX7E - Extended range RBX7L - Long-range
Track width:	RBX7 - 6 metres maximum RBX7E - 12 metres maximum RBX7L - 20 metres
Housing:	Polycarbonate
Dimensions:	
Transmitter:	80 mm x 80 mm x 55 mm
Receiver:	120 mm x 80 mm x 55 mm (RBX7 and RBX7E) 120 mm x 122 mm x 55 mm (RBX7L)
Battery box:	80 mm x 50 mm x 30 mm (separate box for RBX7E)
Waterproofing:	BS IP67
Batteries (Receiver):	2 AA lithium or 1 PP3 lithium >2 years operation (for AA lithium) - supplied as standard >1 year operation (for PP3 lithium)
Batteries (Transmitter):	2 AA lithium or 1 PP3 lithium 1.5 years operation (for AA lithium) >200 days operation (for PP3 lithium)
Approvals:	UK DTI Approved to MPT 1349
Indicators and controls:	
Transmitter:	Battery check LED - flashes every 4 secs when battery ok 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)
Recycled plastic posts (wood effect)	Incorporates the counter system and provides complete installation solution. (RBX7 and RBX7E)
Metal posts	Galvanised steel. Incorporates the counter system and provides a vandal proof installation solution. (All units) Posts can be painted



Transmitter
RBX7, RBX7L



Receiver
RBX7 and RBX7E



Receiver
RBX7L