

Overview

The Chambers Step Counter is an updated model of our well-established step counter that has improved battery life, sensitivity and accuracy.

A step counter, also commonly known as pressure-pad counter, is particularly useful in situations where the counting system needs to be completely invisible.

The sensitivity is adjustable enabling it to be installed under many path types. However, it should be noted that inaccuracies will occur when the ground is frozen, snow covered or baked solid. It cannot be installed on solid paved paths (refer RadioBeam Datasheet)

The sensor detects the small changes in pressure when footfall occurs. A signal is sent to the control box where it is analysed and the counter is activated. The sensitivity is easily adjusted by the user.

The standard size of the unit is 1.0 x 0.5 metre but additional sensors and alternative sizes can be provided depending on your requirements.

Installation

Installation is straightforward and full instructions are provided. The path surface is excavated to a depth of about 10 cm and the sensor unit is buried. The control box is supplied with a cable connecting it to the sensor. The control box in either the housing or the post is positioned at the side of the path. There is no maintenance other than infrequent battery change.

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 people counters

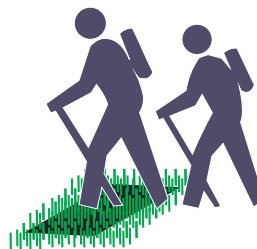
RadioBeam people counter (RBX)

Features and Benefits

- ♦ Sensitive electronic sensor
- ♦ Sensitivity is user adjustable
- ♦ The sensor is fully sealed in waterproof polyethylene, making it extremely robust and providing long-term reliability
- ♦ Incorporates filtering to maximise counting accuracy between individuals
- ♦ No moving parts
- ♦ Small control box that is supplied either in protective housing that can be hidden amongst vegetation or buried if required. Alternatively, the control box can be supplied in a small post.
- ♦ Tolerates high static load
- ♦ Suitable for many paths including slabstones
- ♦ Long battery life - 5 years

Target Applications

- ♦ Sand, gravel, hard-core, slabstone, turf paths and tracks
- ♦ Stiles
- ♦ Bridges



Step Counter

Specifications

Technology:	Electronic sensor with filtering and sensitivity control
System:	Sensor Control box containing electronics and batteries
Housing:	
Sensor:	Fully sealed polyethylene unit houses the sensor
Control unit:	Polycarbonate connected to sensor by 3 metre lead as standard
Dimensions:	
Sensor::	1 metre x 0.5 metre (standard) - other sizes available
Control unit:	120 x 80 x 60 mm
Batteries:	2 x AA lithium (5 year life) Other battery options available
Indicators and controls:	
Control box:	6 digit LCD counter (if supplied without data logger) Battery check LED Detection LED Sensitivity control Magnetic switch to turn on LEDs

Options

Data Logger	Records date, time and counts for download to PC
Protective housing	Provides high vandal resistance and additional protection from the elements for the control box and batteries. Vandal proof screws.
Plastic or metal mounting posts	Incorporate the control unit and batteries. Will also incorporate the datalogger. This option protects the unit from flooding and makes retrieval of data much easier.