

Overview

The Chambers Step Counter 2008 is an updated model of our well-established step counter. It uses advanced electronic sensing and filtering to achieve high-accuracy and long-term reliability. The sensitivity is adjustable enabling it to be installed under many path types. The sensor is fully sealed in waterproof polyethylene making it extremely robust.

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 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 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 connected to the sensor by a cable which is also buried. The control box and data logger (if supplied) can also be buried or hidden amongst rocks, etc.

There is no maintenance other than infrequent battery change.

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

Protective housing for the control box provides additional protection from the elements and has vandal-proof screws.

Additional people counters

RadioBeam people counter (RBX5)



Features

- ♦ Sensitive electronic sensor
- ♦ Sensitivity is user adjustable
- ♦ Incorporates filtering for accurate counting
- ♦ No moving parts
- ♦ Tolerates high static load
- ♦ Fully sealed robust & waterproof sensor
- ♦ Long battery life - 8 years

Benefits

- ♦ Invisible sensor
- ♦ Control box can be buried or hidden
- ♦ Counting methodology is highly accurate
- ♦ Suitable for many paths including slabstones
- ♦ Data can be downloadable onto PC
- ♦ Can be provided in sizes to suit most paths

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 (8 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
Wooden or metal mounting posts	Incorporate the control unit and batteries. Will also incorporate the datalogger