

*Robust and Invisible
below ground
pedestrian counter
designed for use in
areas of outstanding
natural beauty.*

SLAB Pedestrian Counter

Overview

The SLAB system is a highly accurate pedestrian counter that is designed specifically for hiking trails.

The SLAB is sensitive to micro-variations in pressure and therefore can detect footsteps with great precision.

Up to eight SLABs can connect to a single counting system allowing for great flexibility and adaptability to varying trail widths.

High Accuracy

One or more underground SLABs sensitive to micro-variations in pressure are used to detect

footsteps. A timer system prevents over-counting if a person steps twice on the SLAB. For

wide passages, the dimensions and spacing of the SLABs make it possible to count people

walking alongside each other, while maintaining an accuracy of $\pm 5\%$.

The SLAB pedestrian counter is a scalable system.

The system can consist of one to eight slab sensors, making the product adaptable to any trail width.

In the case of wide, heavily-used paths, an array of SLABs make it possible to count several people at the same time while maintaining an extremely high accuracy.

Directional Data

Using two rows of SLABs it is possible to measure the direction of travel in addition to counting each user.





Invisible Counting



Block Paved Install



Unbound surfaces

Specification

SLAB External Dimensions	SLAB Sensor Material	Technology	Direction
+ Length = 60 cm (23.5")	Polyvinyl Chloride	Acoustic	Direction recognition in option (2x2 SLABs maximum)
+ Width = 50 cm (19.5")	Breaking Strength	Battery Life	Waterproofness
+ Thickness = 1.5 cm (0.5")	3.5 tons	+ With automatic data : 2 years + With manual data : Up to 10 years	IP 68
Transducer Dimensions	Sensitivity	Calibration	Data Backup
21mm x 105mm x 48mm (each)	10 kg (22 lbs.)	Autocalibration	60-minute or 15-minute data recording interval
SLAB Sensor Weight	Burial Depth	Accuracy	Memory
4.5 kg (10 lbs.)	± 5 cm (2")	± 5%	> 20 Months
Connection	Installation	Covered Width	Temperature Resistance
RJ45	Invisible	Up to 10 meters (33')	Electronics: -40 °C / +40 °C (-40 °F to 104 °F) Optimal system: -10 °C / +40 °C (-14 °F to 104 °F)

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