

TECHNICAL SHEET

MOBILE MULTI

The Mobile MULTI is designed for temporary pedestrian and bicycle counting. The system brings together two types of sensor technologies, each being dedicated to a single user type. The different signals are analyzed by an intelligent system, the SMART Connect, which is able to prioritize choices in order to classify the different user types. The counter is self-calibrating for simple installation and it can easily be moved between different counting locations.

- + Mobile
- + Quick Installation
- + Counts & Classifies Users



General Characteristics

Technology	+ PYRO Sensor: Passive Infrared Pyroelectric + Pneumatic TUBE: Piezoelectric
Battery Life	+ Internal battery: Up to 10 years + Modem battery: 2 years
Calibration	Autocalibration
Settings	Counting mode can be set up with delivered Software
Direction	Direction recognition
Covered Width	Pedestrian counting: Up to 4m (13') Bicycle counting: + Selective TUBEs (for roads in mixed traffic): Up to 9m (29'5") + Mini-TUBEs (for dedicated bicycle lanes and greenways): Up to 6m (19'5")
IP Rating	IP66
Data Backup	60-minute or 15-minute data recording interval
Memory	> 20 months

Counting Modes

«Pedestrian» Mode	Pedestrian monitoring only
«Bicycle» Mode	Bicycle monitoring only. Used with Selective TUBEs, the system ignores motorized vehicles*
«MULTI» Mode	Pedestrian AND bicycle monitoring with user classification
«Independent» Mode	Counts pedestrians on a sidewalk while counting bicycles on the nearby bike lane. Used with Selective TUBEs, the system ignores motorized vehicles*

* Using Selective TUBEs on roads in mixed traffic (bicycle lanes, shared bicycle/bus lanes) is imperative.



TECHNICAL SHEET

MOBILE MULTI

Physical Characteristics

PYRO-Box

Weight	3kg (6.5lbs)
Dimensions	195 x 110 x 275mm (7.5 x 4 x 11 inches)
Material	Polyamide (30 % glass fibre reinforced)
Color	Grey – RAL 7045 (others may be available on request)
Fixing Plate Dimensions	H x W = 228 x 144mm (9 x 4.5 inches)
Fixing Plate Material	Stainless steel

Pneumatic TUBE

TUBE Diameter	+ Selective TUBE (for installation on shared roads): 15mm (0.5") + Mini-TUBE (for installation on greenways): 9mm (0.35")
IP Rating	IP 68
Material	Rubber

Shock Absorber*

Length	150cm (60")
Diameter	15mm (0.5")
Material	Rubber

* Shock absorbers are supplied only with Mini-TUBEs

General Overview



Front View



Side View



Europe | Worldwide
4 rue Charles Bourseul | 22300 Lannion | France
+33 2 96 48 48 81

North America
604-3981 St. Laurent Blvd. | Montreal, QC H2W 1Y5 | Canada
Toll Free: 1-866-518-4404 | Direct: 1-514-849-9779

www.eco-counter.com