KRYCER
BVBA - SPRL

Urban MULTI Evo

The Urban MULTI Evo counts and classifies pedestrians, cyclists and scooters (option) on shared facilities or on sidewalks with an adjacent bike path.

Designed for the urban environment, it has a sleek, durable shell and uses sensors from the PYRO Evo and ZELT Evo. The Urban MULTI Evo is a permanent counter.

+ **Designed for the urban landscape**
+ **Battery powered**
+ **Robust, waterproof & discreet**
+ **Remote maintenance & updates**
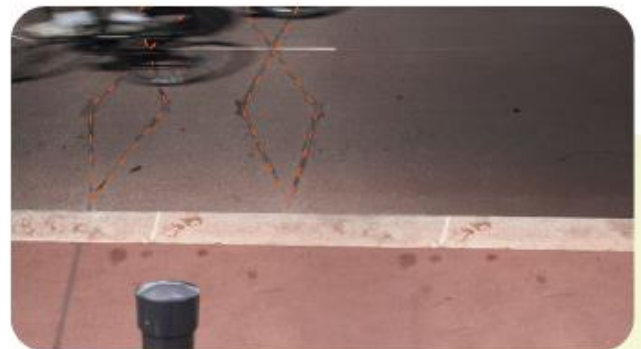+ **Wireless data transmission**

User groups counted

The Urban MULTI Evo can count and classify pedestrians, cyclists and scooters to obtain reliable traffic data. It also measures direction and speed*.

Robust, battery-powered, vandal-proof, and sustainably designed, the Urban MULTI Evo is the ideal outdoor counter. Through firmware updates, it will be able to count new user types in the future (cargo bikes, for example).

*Scooter classification, direction and speed detection are optional

The Urban MULTI Evo integrates a PYRO Evo in an urban post and ZELT Evo loops under asphalt to count pedestrians, cyclists and scooters. In an urban environment, it blends quietly into its surroundings.

The Urban MULTI Evo is an easy-to-use system which requires little maintenance (2-year battery life) and does not require on-site visits for data collection (if remote data transmission is activated).

Physical characteristics

+ Urban post

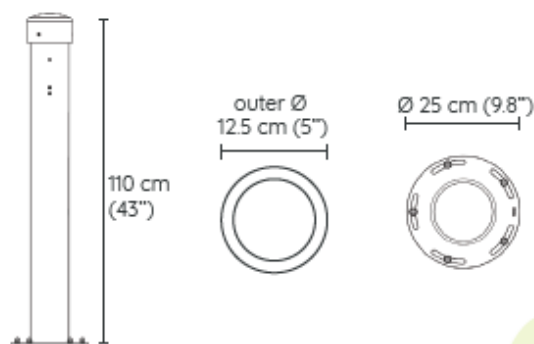|	
Waterproofing	IP 66
Dimensions	+ H: 110 cm (43"), outer Ø: 12.5 cm (5"), internal Ø: 11.5 cm (4.5") + Base: Ø 25 cm (9.8") / Hood: Ø 14.5 cm (5.7")
Material	Aluminium & PVC
Color	Gray - RAL 7016 (custom colours available - please contact us)
Anchor base dimensions	Ø 25 cm (9.8"), H: 33.5 cm (13")
Anchorage material	Steel

+ PYRO ᴱᵛᵒ Sensor

Outer dimensions	100 mm (3.9") x 127 mm (5") x 38 mm (1.5")
Lens dimensions	Ø 10 mm (0.4") / Thickness: 0.7 mm (0.03")
Lens material	+ PYRO sensor short & medium range: polyethylene HD + PYRO-Zoom sensor : germanium
Minimal sensitivity	1 °C variation from the surrounding environment
Range	1 m, 4 m or 12 m (3', 15' or 33')

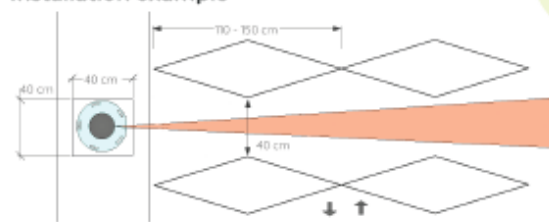### + ZELT ᴱᵛᵒ Sensor

Connectors	+ 2 x 4 loop connectors + 1 battery pack connector + 1 dry contact connector
Installation	+ Trench depth: 40 to 50 mm (1.6 to 2") + Trench width: 20 mm (0.8")
Waterproofing	IP 68
Detection loop sizes	+ Loop length: 80 - 150 cm (31.5 - 59") + Loop width: 40 cm (15.7")

General features

Technology	+ PYRO ᴱᵛᵒ sensor: passive infrared + ZELT ᴱᵛᵒ sensor: electromagnetic loop
Autonomy	+ Up to 4 ZELT loops: 1.5 years + More than 4 ZELT loops: 1 year
Calibration	Autocalibration
Settings	Adjustable sensitivity using our Eco-Link software
Direction	Direction detection optional
Covered width	Up to 6 meters (21')
Data logging	60 minutes or 15 minutes recording intervals as options
Memory	> 12 months
Available configurations	+ Standard: Urban MULTI ᴱᵛᵒ along the path + Optional: Urban MULTI ᴱᵛᵒ centered in the pathway, detection on both sides of the post
Operating temperature	-40 °C to +50 °C (-40 °F to 122 °F)

110 cm (43")

outer Ø 12.5 cm (5")

Ø 25 cm (9.8")

TOP VIEW

Installation example

Go further in your counting strategy:

PYRO-Box ᴱᵛᵒ:
Mobile counter
All environments
Pedestrians

ZELT ᴱᵛᵒ:
Permanent counter
All environments
Cyclists /
Scooters