



ZELT ^{EVO} is a high precision counter for cyclists and scooters. More precise, more efficient and scalable, ZELT ^{EVO} is a new generation of autonomous, battery-powered counters with a battery life of 1 year or more. Its high precision counting gives a clear vision of your facilities' users. The detection loops can be installed in any type of surface.

- + Bicycle and scooter counting
- + High precision counting
- + Time stamped data
- + Direction detection
- + Battery powered
- + Remote automatic updates

Counted users

ZELT ^{EVO} allows you to count cyclists and scooter users to easily and reliably see traffic trends.

Two versions allow counting and differentiation of bikes and scooters, as well as time-stamped data. The first (SD) counts bikes on all types of lanes; the second (HD) counts scooters on dedicated lanes*, and detects the direction of users.

**Optional on shared lanes*



The SD version of ZELT ^{EVO} allows for more accurate counting of cyclists in all conditions. Groups are counted, and anything other than a bike is excluded from the count.



The HD version of ZELT ^{EVO} records direction and counts cyclists and, on dedicated lanes, scooters*. For added data quality, it timestamps counts.

ZELT^{EVO}

All Eco-Counter® products are designed, developed and manufactured in France.

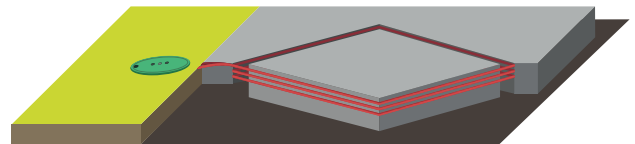
General Characteristics

Technology	Electromagnetic loop
Power source	Battery powered
Calibration	Autocalibration
Covered width	+ Without direction detection: up to 39' (12m) + With direction detection: up to 19' (6m)
Counted users	+ Cyclists + Scooter users (option) <i>Counting with classification of bikes and scooters on separate bike lanes.</i>
Transmission frequency	+ Standard : Twice a day + Going from every 15 minutes down to once a day
Data recording	+ Aggregation: every 60 minutes or 15 minutes (option) + Maximum 40.000 time-stamped data with direction
Configuration	Configuration using the Eco-Link Evo app
Connectivity	+ LTE Cat-M1/NB-IOT

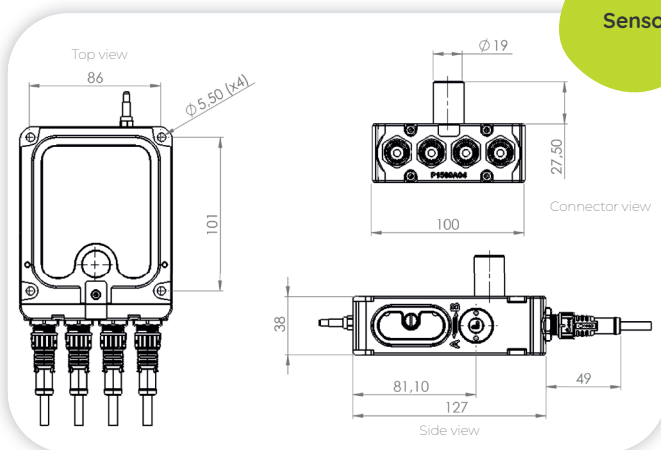
Physical Characteristics

Connectors	+ 2 x 4 loop connectors + 1 battery pack connector + 1 dry contact connector
Installation	+ Trench depth: 1.57" - 1.96" (40 - 50 mm) + Trench width: 0.78" (20 mm) + Manhole installed nearby
IP classification	IP 68
Detection loop size	+ Loop length: 31.5" - 59" (80 - 150 cm) + Loop width: 15.7" (40 cm)

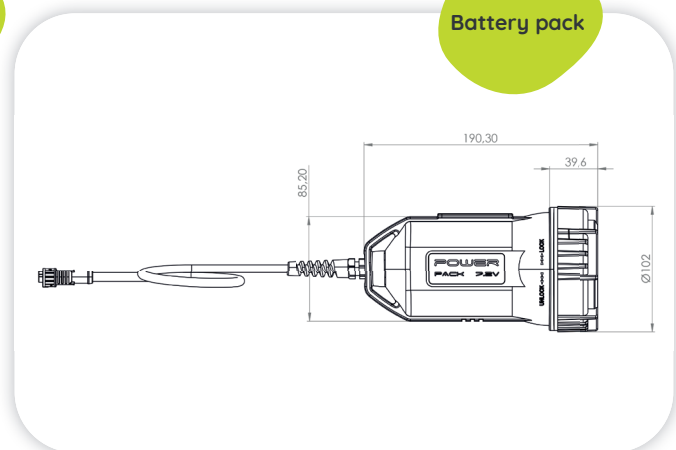
Installation example



Dimensions



Sensor



Battery pack

Additional products to support your counting strategy:

Urban MULTI:
Permanent counter
Urban
Ped. & Cyclists



MULTI Nature:
Permanent counter
Natural
Ped. & Cyclists



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www.eco-counter.com



Eco-DISPLAY Light Edition is a large format counter that displays bicycle traffic in real time. The display can be connected to any Eco-Counter sensor and can display texts in addition to the count data. Two lines of information can be displayed per side. Each side is fully customizable.

- + High precision
- + Customizable
- + High-visibility
- + Vandalism resistant

Displayed users

Eco-DISPLAY Light Edition displays cyclist counts. The display can show 2 lines of text per side. The text can be of several colors. You can for example display the number of cyclists collected today, this month or this year. Each side can be customized according to your graphic needs (colors, logos, display mode etc...).



Installed alongside a bike path, the Eco-DISPLAY Light Edition allows you to stimulate your community of cyclists. To manage your communication use the potential of a customized public display.



Eco-DISPLAY Light Edition allows you to use up to 2 fields to display the counts and information you want. You can display counts, but also the date, the time or the name of the neighborhood where the display is installed.

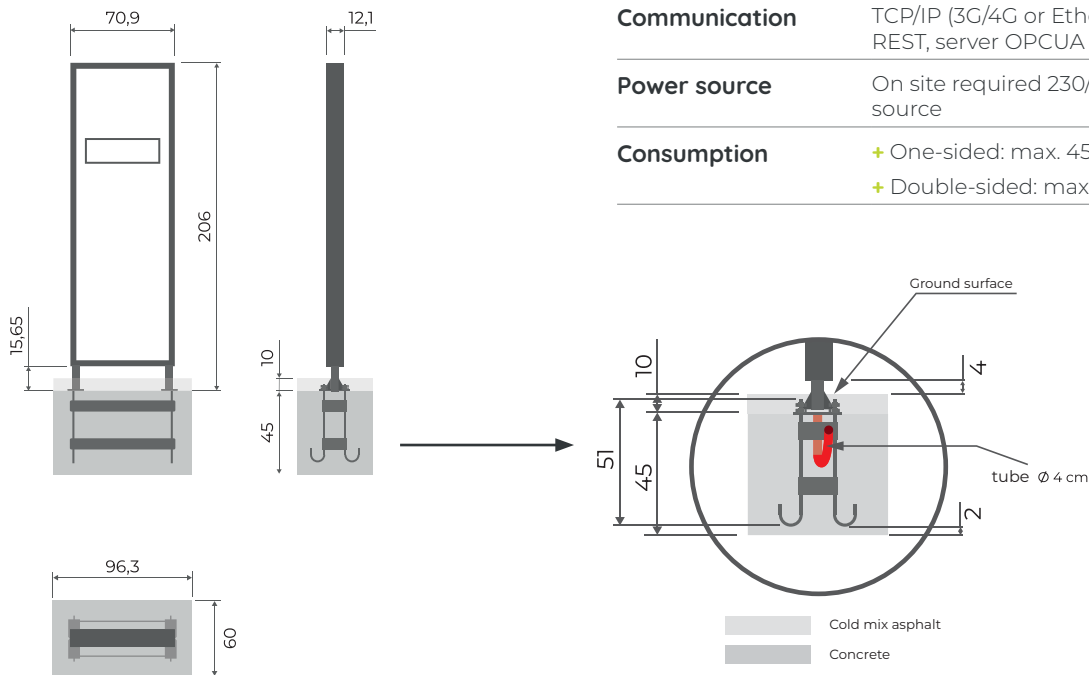
All Eco-Counter® products are designed, developed and manufactured in France.

Eco-DISPLAY Light Edition

General characteristics

Installation	Display anchored to the ground
Waterproofness	IP41
Operating temperature	- 22 °F / + 122 °F (- 30 °C / + 50 °C)
Compatible sensors	Compatible with all types of Eco-Counter sensors
Graphic design	Customizable graphics
Settings	Embedded Web server for maintenance and parameterization of sensors, on site or remotely (by WI-FI or Ethernet link)
Frame color	RAL 9005

Dimensions



Material characteristics

Dimensions	+ 70,9 cm / 206 cm / 12,1 cm + 96,3 cm / 45 cm / 60 cm
Weight	+ ≈ 70 kg (154 lbs)
Displays	+ LED RGB - 16 colors + Pixel spacing: 5 mm + Automatic brightness adjustment according to the environment + Display surface: 18.9" x 6.3" (48 x 16 cm)
Wind resistance	NV65 Class / Zone 5
Materials	+ Powder coated steel frame treated antirust + Anti-graffiti and anti-rust powder coated aluminum frame + Polycarbonate facade LEXAN®
Raccordement	Raccordement filaire - protocole CAN
Communication	TCP/IP (3G/4G or Ethernet 100 Mbps), API REST, server OPCUA
Power source	On site required 230/110 VAC power source
Consumption	+ One-sided: max. 45 W + Double-sided: max. 90 W

Additional products to support your counting strategy:

Eco-DISPLAY Classic+ :
Multi-users
STI Compatible



Urban MULTI:
Permanent counter
Ped./Cyclists



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