ZELT EVO

Stand-alone bike/scooter counter

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.*

Non-contractual documentation. Specifications subject to change without notice. V1.3_EN_17/10/2022

eco counter

ZELT EVO

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

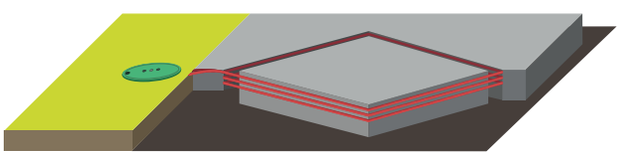
General Characteristics

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) *Counting with classification of bikes and scooters on separate bike lanes.*
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

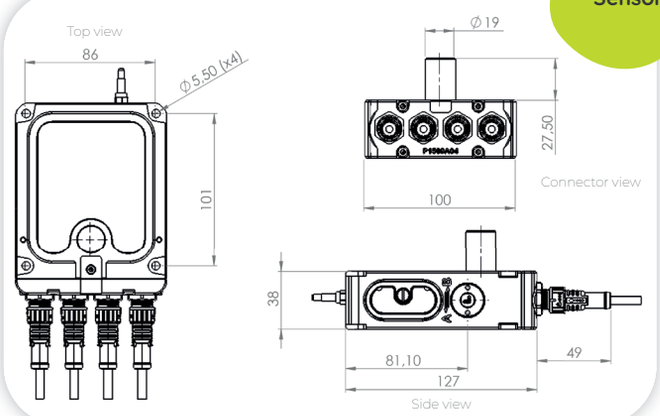
Connectors	+ 2 x 4 loop connectors + 1 battery pack connector + 1 dry contact connector
Installation	+ Trench depth: 1.57" - 1.96" (40 - 50 mm) + Trench width: 0.78" (20 mm) + Manhole installed nearby
IP classification	IP 68
Detection loop size	+ Loop lenght: 31.5" - 59" (80 - 150 cm) + Loop width: 15.7"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

Installation example

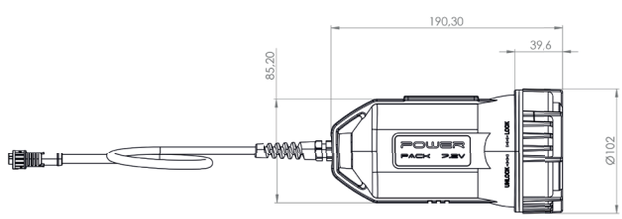


Dimensions

Sensor



Battery pack



Additional products to support your counting strategy:

Urban MULTI:
Permanent counter
Urban
Ped. & Cyclists

MULTI Nature:
Permanent counter
Natural
Ped. & Cyclists

eco counter

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www.eco-counter.com

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Technical sheet

Eco-DISPLAY Compact

The Eco-DISPLAY Compact displays real-time cyclist and pedestrian passages that are registered by the counter. Using the ComEth technology, the system can be connected to any Eco-Counter Sensor*. The several matrixes display on each side: cumulative daily, monthly or yearly counts, scrolling or fixed texts. Both sides are fully customizable.

Preliminary datasheet – Specifications subject to change without notice

- **Real time transmission**
- **Dynamic display**
- **Connected device: 3G/4G/Ethernet**

General characteristics

Installation	Installation on wall or post
Sensor Associated	Compatible with any Eco-Counter sensor*
Connection to the Sensor	Wired connection to the sensor - CAN protocol
Wind Resistance	Zone 5 according to NV65 standard
Frame Color	Graffiti-proof painting [option] - Customizable color
Design	Fully customizable
Settings	Embedded Web server for maintenance and sensor settings on site or remotely (through WIFI or Ethernet communication)

Except CITIX-IR

Eco-DISPLAY Compact in the street

Material characteristics

Dimensions	≈ 61.5 x 84.3 x 19.5 cm (24.21" x 33.1" x 7.67")
Weight	≈ 6.6 kg (.5 lbs)
Display Surface	+ RGB LED lights - 16 colors + Pixel pitch: 5 mm (0.2") + Automatic adjustment to ambient light levels + Display surface size: 48 x 16 cm (18.9" x 6,30")
Temperature Resistance	- 30 °C / + 50 °C (-22 °F to 120 °F)
Waterproofness	IP41
Power Supply	Client must provide 230/110 VAC power supply
Power Consumption	Max. 360W (double-sided Eco-DISPLAY Compact) / Average: 80W
Communication	TCP/IP (Cellular 3G/4G or Ethernet 100 Mbp/s), API REST, OPCUA server

Eco-DISPLAY Compact on a post

Eco-DISPLAY Compact on a wall

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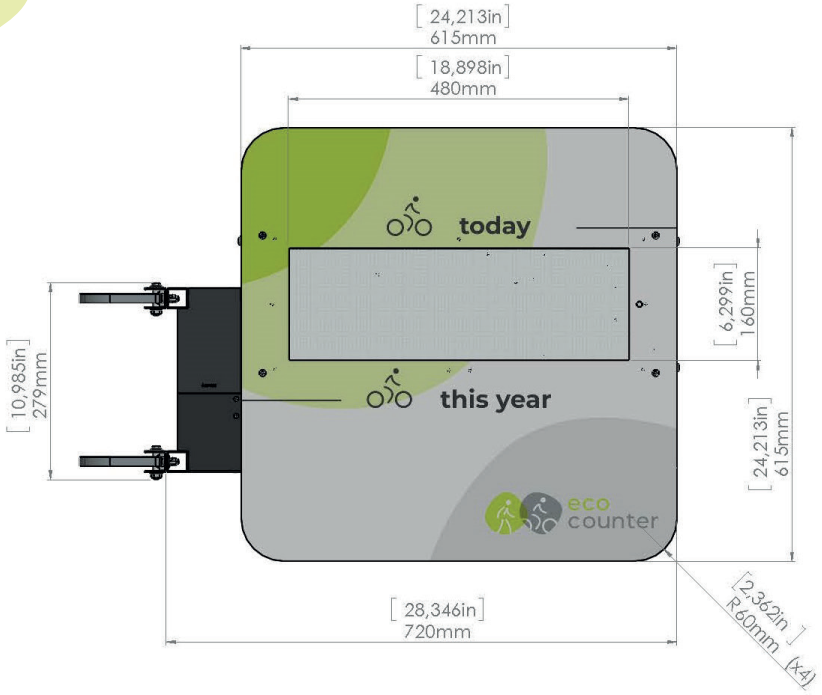
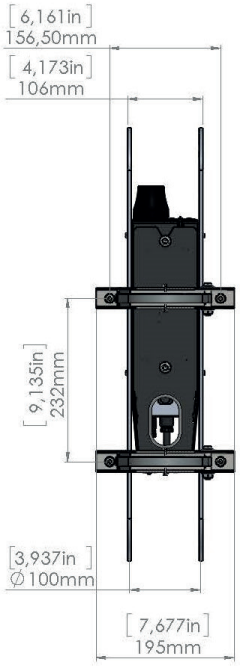
Technical sheet

Eco-DISPLAY Compact

Dimensions





Installation examples

Installation with a ZELT

Installation with a MULTI

Installation with a CITIX-3D

Associated Sensor Range

- \+ PYRO
- \+ ZELT
- \+ SLAB
- \+ MULTI
- \+ CITIX-3D

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