



The PYRO-Box^{EVO} is an all-in-one, light and compact people counter. The system combines a high-precision lens with passive infrared pyroelectric technology to detect heat emitted by the human body. Weatherproof, the PYRO-Box^{EVO} can be installed in minutes on any surface. Its small size and easy installation make it a compact and mobile stand-alone counter.

- + Light, compact and mobile
- + Battery powered
- + Robust, waterproof and discreet
- + Remote alerts and updates
- + Wireless transmission

Counted users

The PYRO-Box^{EVO} counts all users (pedestrians, joggers, cyclists, scooters, rollerskaters, skaters) to extract reliable frequentation trends easily.

Compact, robust, battery powered, PYRO-Box^{EVO} is adapted to outdoor environments. It is eco-designed and made in France.



The PYRO^{EVO} sensor integrated in the PYRO-Box^{EVO} is an autonomous, compact and mobile system to count people. Designed for outdoor use, in urban environments it allows the measurement of flows on sidewalks or shared roads.



The PYRO-Box^{EVO} is compact enough to be used in natural areas without disturbing the landscape. Mobile, it can be moved according to the needs, seasons or practices to understand the trends.

PYRO-Box^{EVO}

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

General Characteristics

Installation	+ PYRO-Box ^{EVO} installation on flat surface or on a pole
Data Backup	60 minutes or 15 minutes (optional)
Memory	40 000 data points*
Direction	Direction detection
Covered width	Up to 1 m, 4 m or 12 m (3', 15' or 33') Two sensors can be combined to cover very wide paths
Calibration	Autocalibration
Data transmission	Automatic data transmission
Battery life	Up to 2 years**
Power Supply	2 x 3.6V (3,6Ah) lithium batteries Easily replaceable on the field
Certification	CE, FCC

*Or 400 days in 15-minute data recording intervals

**For one sensor without direction detection, with an average of 2,400 passages and four data transmissions per day

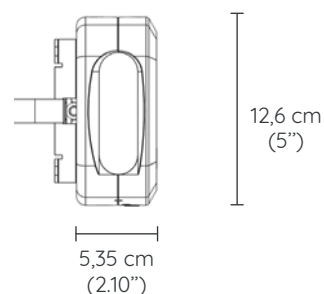
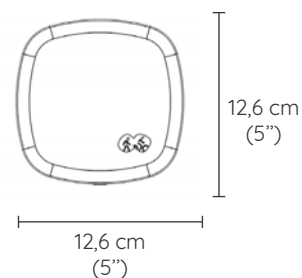
Connectivity

Wireless Connectivity	+ Bluetooth Low Energy (BLE) 5.0 + LTE Cat-M1/NB1
Communication Protocols	HTTP, HTTPS***
Localization	GNSS

***Available in a future version

Physical Characteristics

Waterproofness	IP 68 - Dustproof and waterproof if durably submerged
Temperature Resistance	-25 °C à +70 °C (-13°F to 158°F)
Storage Temperature	-40 °C à +85 °C (-40°F to 185°F)
Weight	≈ 820 g (1.8 lbs)
Dimensions	12.6 x 12.6 x 5.35 cm (5" x 5" x 2.10")
Material	POM-C (Acetal Copolymer)
Color	Grey - RAL 7016



Additional products to support your counting strategy:

Urban Post^{EVO}:

Permanent counter
Urban environment



Mobile MULTI:

Mobile counter
All environments
All users



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