

PYRO^{Evo} FOR THE NATURAL ENVIRONMENT

The PYRO^{Evo} is an ideal people counting solution for urban parks, remote trails, national parks and much more. The system combines a high-precision lens with passive infrared pyroelectric technology to detect heat emitted by the human body. Connected, robust and easy to install, the PYRO^{Evo} provides the key data needed to develop your bike and pedestrian count program.

The PYRO^{Evo} is available in three housing options, each designed specifically to blend into and withstand the harshest natural environments.

- + Robust and waterproof
- + No power supply required
- + Automatic data transmission
- + Discreet, blends into the environment



Internal Sensor Without Housing: Physical Characteristics

| | |
|------------------------|----------------------------------------|
| Waterproofness | IP 68 |
| Temperature Resistance | -25°C to +70°C (-13°F to 158°F) |
| Storage Temperature | -40°C to +85°C (-40°F to 185°F) |
| Weight | ≈ 400g (0.9 lbs) |
| Dimensions | 10.3 x 10 x 3.8cm (4.05" x 4" x 1.50") |
| Material | POM-C (Acetal Copolymer) |
| Color | Black |

General Characteristics

| | |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Installation | + PYRO-Box ^{Evo} installation on flat surface or on a pole + PYRO ^{Evo} in a Wooden Post installation with stabilizing bar or concrete |
| Data Backup | 60-minute or 15-minute data recording intervals |
| Memory | 40,000 data points* |
| Direction | Direction detection (optional) |
| Covered Width | Up to 1 meter, 4 meters or 12 meters (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



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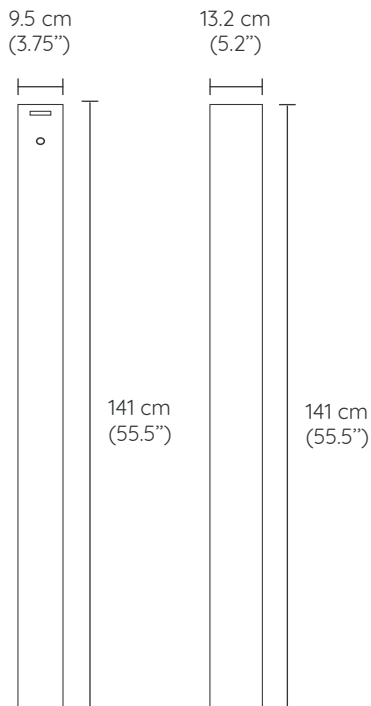
PYRO^{Evo} in a wooden Post

Installation
fixed /
permanent



PYRO^{Evo} in a wooden Post

- + Material: FSC and ABS certified wood
- + Dimensions: 141 x 9.5 x 13.2 cm (55.5" x 3.75" x 5.2")



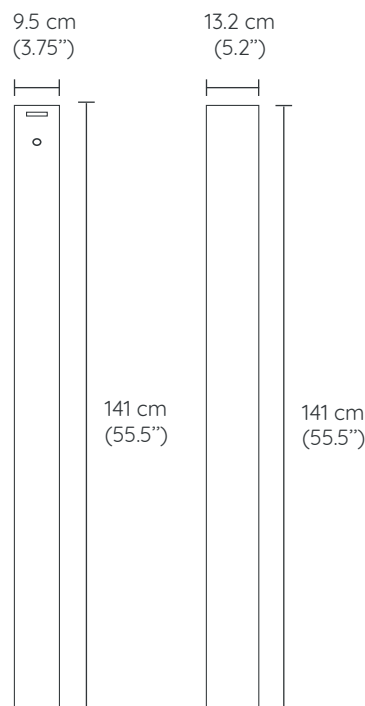
PYRO^{Evo} in a ReCycled Post

Installation
fixed /
permanent



PYRO^{Evo} in a ReCycled Post

- + 100% recycled plastic
- + Dimensions : 140 x 9.6 x 13.4 cm (55.5" x 3.75" x 5.2")
- + Installation with stabilizing bar



PYRO-Box^{Evo}

Installation
mobile /
temporary



PYRO-BOX^{Evo}

- + Material: POM-C (Acetal Copolymer)
- + Color: Grey - RAL 7016 (others may be available on request)
- + Weight: ≈ 820g (1.8 lbs)
- + Dimensions: 12.6 x 12.6 x 5.35cm (5" x 5" x 2.10")

