

HEYWASTE COMPACT

SMART REMOTE SENSOR

Compact, economical and reliable, Heywaste Compact sensor is designed to accurately measure the fill level of all types of containers.

Thanks to its Time-of-Flight (ToF) laser technology, it provides stable and accurate measurements up to 4 metres, while remaining discreet, robust and easy to install. Suitable for non-messy waste (packaging, paper, tyres, cigarette butts, etc.), it prevents overflowing and optimises collections. Connected to Heywaste Web supervision platform, it enables effective monitoring and makes waste management smarter and more environmentally friendly.



BENEFITS



A TURNKEY SOLUTION

- ♦ A user-friendly monitoring interface
- ♦ Quick and easy installation
- ♦ System set-up by our technical teams
- ♦ Fleet monitoring by our support service
- ♦ Integration of data collected by our IT department



OPTIMISE YOUR COLLECTION

- ♦ Accurate measurement of fill levels to plan collection routes
- ♦ Elimination of overflow thanks to real-time alerts
- ♦ Emptying of full containers only, avoiding unnecessary collections
- ♦ Reduction in distances travelled by lorries
- ♦ Lower carbon emissions from transport



A MORE SUSTAINABLE COLLECTION

- 50% savings on collection costs
- 85% average fill level
- 40% collection time

- 20% miles traveled
- +60% equipment lifespan
- 50% complaints related to excesses

FEATURES

PRECISE TOF LASER TECHNOLOGY

Heywaste Compact sensor uses a harmless, invisible Class 1 laser, ensuring reliable and continuous detection from 0 to 4 metres, with an accuracy of ± 1 mm at 1 metre and ± 30 mm at 4 metres.

OVERFLOW SUPPRESSION

- ◆ The sensor continuously monitors the fill level
- ◆ Configurable alerts for timely response
- ◆ Accurate monitoring thanks to built-in connectivity

A ROBUST AND AUTONOMOUS SYSTEM

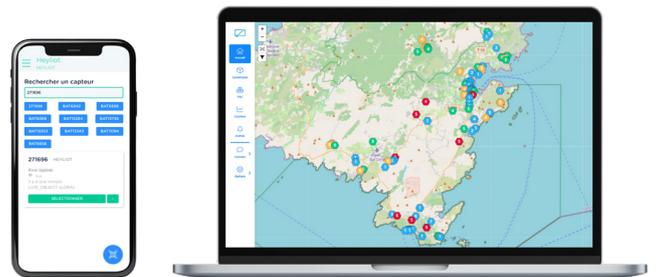
- ◆ IP69K and IK10 housing: impact, water and dust resistant
- ◆ Battery life of over 5 years in standard configuration
- ◆ Easy battery replacement (AA lithium)

MULTINETWORK CONNECTIVITY

- ◆ Lora, Sigfox and LTE-M to adapt to all environments
- ◆ Integrated Bluetooth for local configuration
- ◆ Flexible transmission: in real time, in batches, or according to a day/night schedule

LOCAL AND REMOTE CONFIGURATION WITH HEYWASTE WEB

- ◆ Remote configuration of the number of daily readings
- ◆ Remote configuration of measurement frequency
- ◆ Remote updating of reading frequency
- ◆ Configuration on smartphone via Bluetooth, LTE-M, Lora protocols



TECHNICAL DATA

Distance measurement: ToF laser, 0 to 4 m

Precision: ± 1 mm to 1 m / ± 30 mm to 4 m

Laser: class 1 – 940 nm – harmless and invisible

Lifespan: + 5 years (24 measurements/day, 6 transmissions/day in Lora)

Power source: 1 AA Li-SOCl₂ battery (replaceable)

Radio connectivity: Lora, Sigfox, LTE-M

Local communication: Bluetooth

Geolocation: via network (Lora, Sigfox) or Bluetooth beacon

Casing protection ratings: IP69K, IK10

Operating temperature: -20 °C / +85 °C

Dimensions:

- 29 x 147 x 44 mm (internal antenna)

- 39 x 189 x 44 mm (with quick release bracket)

Weight: 96 g (with battery) / 115 g (with quick release bracket)

Certification: CE, CEM, RED, Sigfox Ready, Lora

