

FLUVES

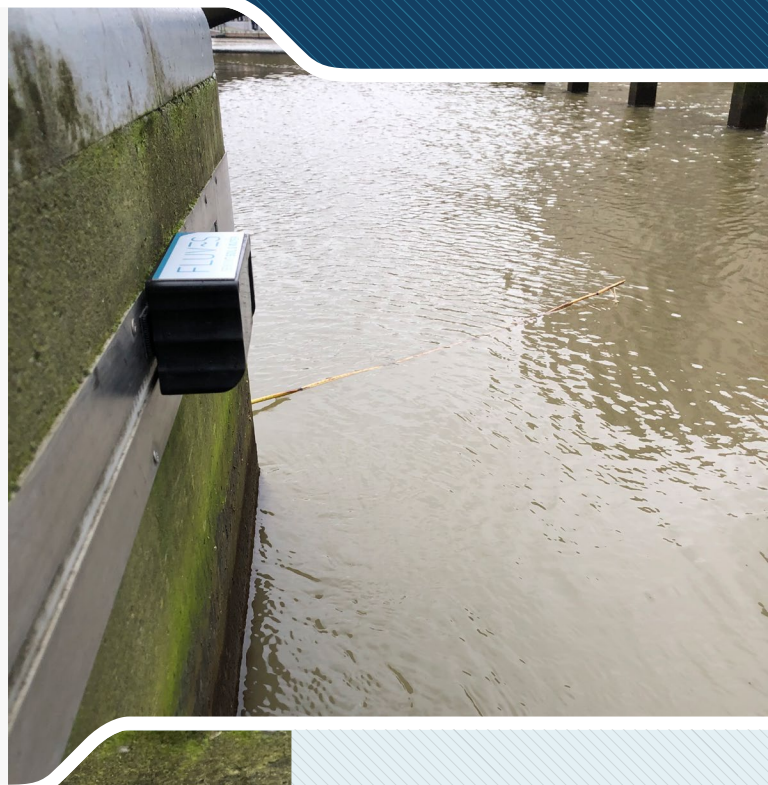
THE WORLD'S SIMPLEST, CHEAPEST STICK-AND-GO SOLUTION FOR **WATER LEVEL MONITORING**

IoT Water level sensor

Fluves is an engineering company providing **flow monitoring services**. We produce sensors and data models for flooding, drought, salinization, leakages, sewer overflow and water pollution.

Water level is measured through **ultrasonic** signals. Sensor, datalogger and modem are integrated in **one compact box**. The box can be installed in open water or closed environment (tanks, cisterns, sewers).

Fluves **IoT water level sensor** is **reliable, flexible and low-cost**. Our systems measure autonomously without extra power supply. Data are sent wirelessly through LoRaWAN, NB-IoT or Sigfox to databases and web portals.



FLUVES



UNIQUE ADJUSTABLE TUNNEL FOR SIDE AND TOP MOUNTS

FEATURES AT A GLANCE

Dimensions

Size: 129 mm (L) x 70 mm (B) x 53 mm (H)

Accuracy

+/- 1 cm

Range

20 - 400 cm

Measured parameters

water level, battery level, temperature

Sensor direction

Unique adjustable sensor tunnel to fit all positions

Ready for Integration in existing processes and platforms

Powered By Smartends

Supported IoT Wireless Networks

LoRaWAN, Narrowband IoT Wireless technology (NB-IoT) and Sigfox

Power

Battery: Non-rechargeable lithium battery
Battery life: Up to 8 years of uninterrupted service (update rate dependent)

Installation

Can be top or side-mounted. The level sensor can be rotated for 90°. 4 screw holes are foreseen for attaching to plastic, concrete or steel.

Plug-N-Play

2 steps to install in 15 minutes
Step #1 STICK it ON
Step #2 TURN it ON

Environmental

Casing: IP55/IP65/IP66/IP67
Operational temperature range: -20 to +60 degrees C

Remote Device Management & Diagnostics

1. Measurement intervals
2. Event management
3. Radio transmitting power

State-of-art Antenna Configuration

Effective wireless communication, even in closed boxes
Optional external antenna