

# Senlab<sup>®</sup> Metering Sensor

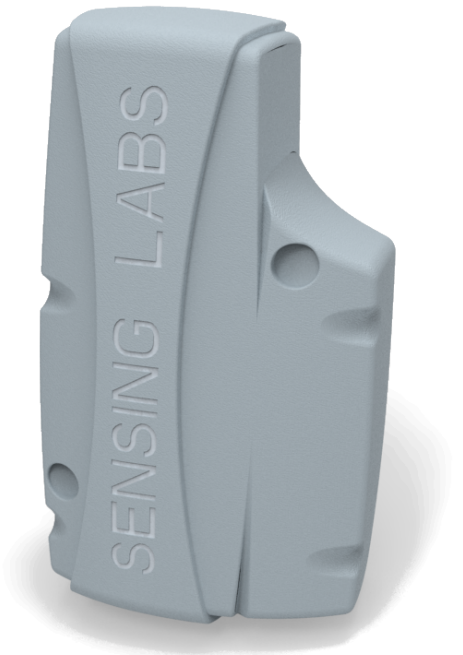
## A new era for Smart Metering Sensor

High added value meter data analytics, strong radio robustness and sensitivity combined with ruggedized and IP 68+ design make Senlab<sup>®</sup> metering sensors unrivalled for meters data retrieving solutions.

Senlab<sup>®</sup> metering wireless sensors embed LoRa<sup>™</sup> long range spread spectrum disruptive technology, providing significantly longer range than conventional modulation techniques as well as high interference immunity whilst minimizing current consumption.

Senlab<sup>®</sup> sensors natively support bidirectional communications and are compliant with private network (customer managed 3G or Modbus gateway) as well as third party managed network.

Meter data analytics integrate leak or burst detection, load profile and consumption patterns.



### Radio



Range up to 15km (Line-of-sight)  
Sensitivity -138dBm  
Operates in license-free ISM 433, 868MHz  
25mW (+14dBm)  
Bidirectional

### Environment

Operating temperature range -20°C/+70°C  
CE Certification (EN300-220) / ATEX  
IP 68+ (fully resin potted)  
Dimension: L 56 x H 102 x P 35  
Designed for meter, wall or pipe fixing

### Main Features

Ready to use product (plug and play)  
Configuration available via local application or via the RF network  
Event notification (leak, abnormal flow rate)

### Alimentation

Lithium battery AA 3.6V  
Battery level notification  
Up to 15 years life duration



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