

## Product brief



**AQUAWATCH** is a professional flood detection system. Autonomous, it measures water elevation speed, and water level down to centimeter accuracy. Alerts are sent real-time to remote control center.

### Benefits

- Accurate monitoring (start, end and speed of flood) enables various alert scenarios
- Maintenance actions are decided and optimized upon precise field data
- Wireless and battery operated, AQUAWATCH can fit in a variety of field situations : outdoor cabinets, basements, hatches...
- Modular and flexible, it can be complemented with additional sensors for extended features (fire detection, intrusion detection...)

### Main Characteristics

- Long Range Radio communication (LPWAN) for robust connectivity
- Water level measurement with 2 cm accuracy within 1 to 5 meters range
- On the field telco operator selection (LoRa/Sigfox)
- Serial bus available via waterproof connector
- Lithium battery powered (~ 5 years lifetime)
- Operating temperature: -40°C / +70°C

### Features



Wireless Flood alerting



Accurate Monitoring of water level and elevation speed



Modular and configurable



Battery operated  
Easy installation

For more information, visit [www.stimio.fr](http://www.stimio.fr)

**AQUAWATCH** is composed of three main elements configured to meet your specific needs.



15,1 cm

8 cm

300g

Radio and Control box



11,3 cm

8 cm

200g

Flood speed box



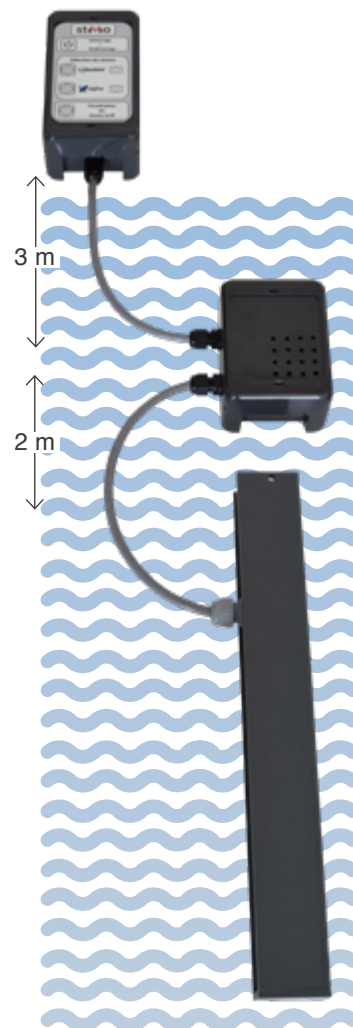
35 cm

4 cm

200g

Water level box

Exemple of configuration:  
2 fixed level detection + speed



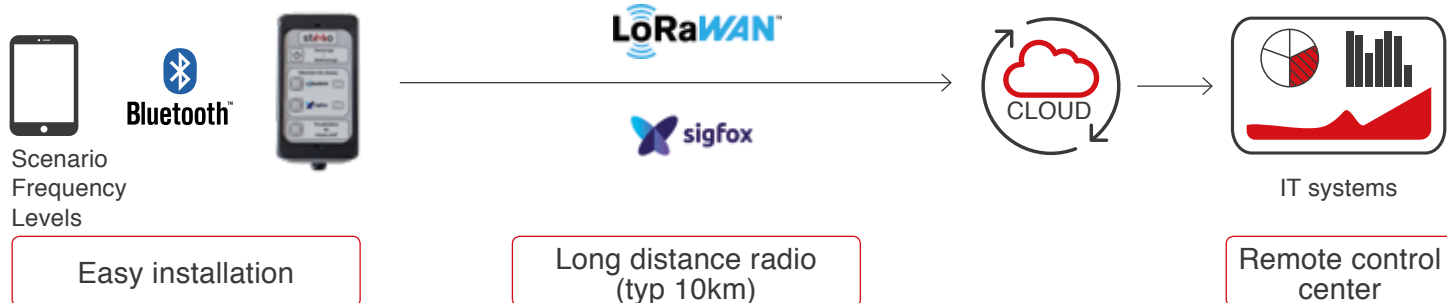
### Certification :

- EN 61000 - Electromagnetic compatibility
- EN 60068 - Environmental tests
- EN 60529 - IP68
- EN 62262 - IK07

### Ordering information

Part number	Description
SIOT90566	AQUAWATCH (speed + 2 levels)
SIOT90564	AQUAWATCH (2 levels)
On demand	Tailormade AQUAWATCH

### System architecture



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For any questions, please contact us by email at [contact@stimio.fr](mailto:contact@stimio.fr) or by phone at +33 2 40 18 02 03