

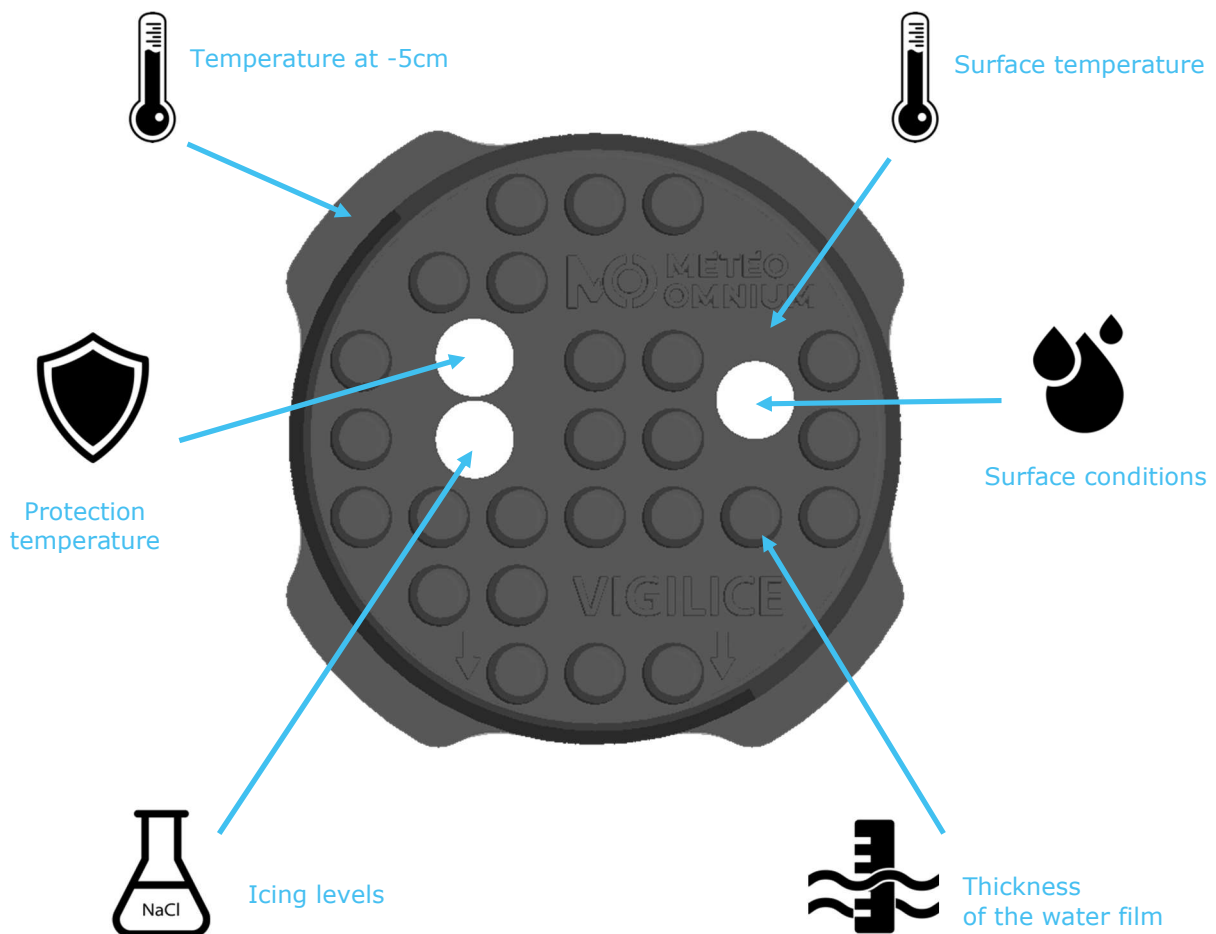


## VIGILICE: SMART ROAD WIRELESS SENSOR

**VIGILICE is a smart road wireless sensor** from METEO OMNIUM. Once sealed in the pavement it requires no further maintenance.

**The installation of VIGILICE** is very simple and takes **less than 5 minutes**. The data is transmitted every 6 minutes to the receiver.

**VIGILICE is powered** by a battery with a service life of about 7 to 8 years. The battery can be changed in our workshops.





## BENEFITS

**Simple and quick installation in less than 5 minutes** reducing the time taken for road marking and the risks for personnel working on the roadway.

**Simple and quick removal** before renovation of the pavement for a new use of the sensor.

**Few tools** are needed for implementation.

**Accurate and reliable** measures.

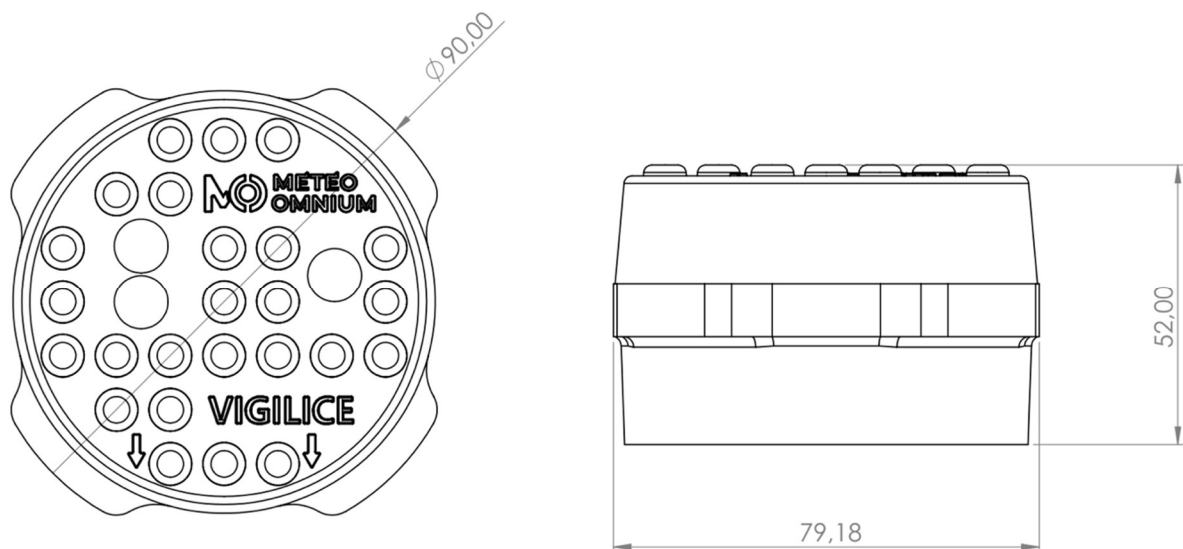
**No maintenance.**

**433MHz transmission permitted** worldwide.

**4-year** warranty.



## TECHNICAL PLAN



## FEATURES

- **Surface temperature** (resolution 0.1°C accuracy  $\pm 0.2^\circ\text{C}$ )
- **Road temperature at -5cm** (resolution 0.1°C  $\pm 0.2^\circ\text{C}$ )
- **Surface condition:** Dry, Humid, Wet, Rusty, Frosty, Frozen, Salty humid, Salty Wet, Not Dry
- **Percentage of residual road products on the roadway**
- **Freezing temperature**
- **Thickness of the water film** (0 to 4 mm)
- **Radio:** 433MHz <10mW (20m range in view)
- **Diameter:**  $\varnothing$  90mm / **thickness:** 50mm
- **Operating temperature:**  $-40^\circ\text{C}$  /  $+80^\circ\text{C}$