

# TiltSmartOne

The motion sensor that remotely monitors your infrastructure



- ❖ Remote monitoring thanks to global real-time visibility of the equipment fleet.
- ❖ Prevention of incidents by identifying identifying moving equipment presenting a risk of imminent fall as early as possible.
- ❖ Reduction of intervention and repair time by immediately notifying any incident.
- ❖ Limitation of the risks of secondary accidents in the event of a fall on public roads.
- ❖ Optimization of resources by limiting regular checks.

LoRa



LTE-M  NB-IoT 



2 communication modules available: LoRa or LTE-M / Nb-IoT depending on the model



Autonomy greater than 12 years



High sensitivity accelerometer



Programmable remotely from the 2I.Factory supervision platform



IP68 Ingress protection for harsh environments exposed to bad weather



**Connected**

*Orange label certifying proper operation and performance on Orange's LTE-M network*

## Monitoring the tilt and movement of infrastructure

Activation by NFC and mobile application

Programming the inclination level (alert trigger threshold )

Periodic status feedback by Keep Alive ( programmable frequency )

Alerts on motion detection or threshold crossing

## Technical characteristics

User Interface ( HMI )	Integration into the 2I.Factory supervision platform / Mobile application available
Connectivity	LoRa
Motion detection	High precision accelerometer
Power supply	Li-MnO2 battery - 3 Volts / 3 000 mAh
Battery longevity	More than 12 years with 1 communication/day
Dimensions & weight	91 mm x 73 mm x 46 mm - 200 gr
Ingress Protection ( IP )	IP 68
Humidity	From 10 % to 90 %
Temperature	-40°C / +85°C
Mounting	Screw or strapping