

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