

## LIRIS INC v1.0 - LR

Wireless Tiltmeter (OASYS ready)  
Ref : LIR-INC-V10-FB-EU

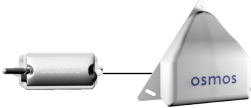


The wireless inclinometer measures angles over a  $\pm 15^\circ$  range. With its integrated mini-station, the LIRIS Tiltmeter overcomes external power and any wired connection, while maintaining long battery life.

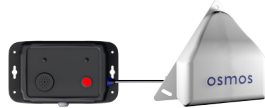
- Quick installation
- Very simple handling and configuration
- Movable according to the site's needs
- Battery exchange without the need to unmount the sensor



1.



2.

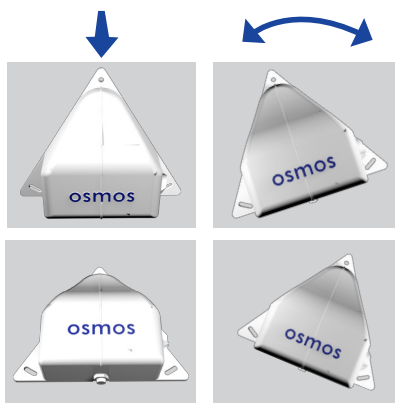


### SMS module and visual Alert compatibility

1. Off-site alarm system by SMS, informing the recipient of a threshold crossing and sending four points a day automatically to the database
2. Visual and sound alert system, alarms in case of going over the threshold, set up by our engineers

Front/Back

Left/Right



Two types of tiltmeters F/B et L/R

F/B : turn around the X axis

L/R : turn around the Z axis



## TECHNICAL CHARACTERISTICS

Measurement range	+/-15°
Resolution	0,009°
Sampling frequency	10Hz
Temperature range	-10°C à 40°C
Endbox	242.5 x 72 x 191.4 mm Material : plastic
ECM	Use of ISM bands (*) : 867 MHz(EU)/902 MHz(US) Industrial, Scientific and Medical.
Transmission power	10 mW in antenna output
Reception sensitivity	100 dBm
Power supply	by special battery, integrated to the sensor, removable battery without unmounting the sensor
Battery life	minimum 1 year
Dynamic storage capacity	18 minutes at 50 Hz or ~250 events of 5 seconds
Static storage capacity	~6 mois, with an hourly recording
Trigger mode	Dynamic and static mode



## RADIO MODEM

Power supply	Via USB
Communication port	USB 2.0
Antenna connection	Mini SMA type
Transmission power	10 mW
Radio Frequency	867Mhz(Eu)/902Mhz(US)
Reception sensitivity	-100 dBm