

## Monitoring System



### Applications

- ▶ Remote monitoring of isolated sites
- ▶ Smart metering, SmartGrid, SmartBuilding
- ▶ Electricals installations telemanagement
- ▶ Sea beacons watching
- ▶ Agricultural exploitations watching (Engines, force pumps...)
- ▶ Logistics, transport (Geolocation, tracking, perimeter alert)
- ▶ Critical sites alert and alarm (power supply lost, intrusion, fire, inundation)

### Operating specifications

- ▶ Operating parameters metering and remote monitoring
- ▶ Programmable alert management with mails and SMS sending
- ▶ Remote programmable mode of operation
- ▶ Traceability and statistical analysis

## Technical specifications

Watch'N'Get	TOR	COUNT
Dimensions (mm)	160 x 88 x 63	
Weight (gram)	450	
Protection rating	IP66	
Material	Polycarbonate	
Sigfox / LoraWan connectivity	●	●
Tension entry	●	●
Tension range	10 - 30V (Precision 100mV)	
Intensity entry	●	●
Intensity range	±10A on shunt 10mΩ (Precision 100mA)	
Entry time counting (secondes)	0	1
Time counting range (secondes)	NA	0 à 65 535
TOR entry (Quantity)	6	4
Tension TOR range	8 - 36V (Measure every 10 seconds)	
Temperature sensor	●	●
Température range	-40/+85°C (Precision ±1°C)	
Hygrometry	●	●
Hygrometry range	0 - 100% (Precision ±5%)	
Measuring frequency	Every minute except TOR	
Measuring frequency (On battery)	At each Sigfox transmission	
Operating mode	Automatic or alert	
Sending frequency (automatic mode)	Configurable 10 minutes to 12H	
Sending frequency (alert mode)	0 to 10 minutes depending of the last message	
Update frequency	6 hours in auto mode and 24 hours in standby mode	
Command / Interface	ILS / LED Bicolore	
Power supply	10 - 30V on voltage input	
Backup battery power supply	Pile lithium format C 6000mAh	
GPS	●	●
Operating temperature	-30 / +70°C	