



## XIOT Cloud Connected Sensor for remote asset monitoring



### The innovative, “Simply easy!” way to monitor remotely installed assets in real time!

XIOT enables real-time, remote monitoring from any mobile device, provides effective data management for every connected asset, and improves performance through reduced downtime and access to historical performance data.

#### Provides remote monitoring

Whether you are monitoring the pressure threshold of an irrigation system, the emergency stop trigger on a long distance conveyor chain, or the opening of a lock on a secure gate or other industrial application, the information about the event is captured by the XIOT Cloud Connected Sensor and sent to your designated mobile device through the internet cloud. SMS Notifications can even provide real-time alerts on any kind of phone without reliance on an internet connection.

#### Manages industrial asset data

The information recorded by each connected sensor is sent to the internet cloud and is available to multiple users through a secure, Cloud-Connected Sensor Application. This app not only provides a real-time overview of all connected assets, but the historical performance of each individual asset.

#### Improves asset performance

Real-time alerts from the XIOT Cloud-Connected Sensor improve asset performance by reducing downtime or rapidly initiating the next step in sequential processes. The historical data captured by the app can also be analyzed for optimizing maintenance schedules and supporting processes.

Simply easy!



**Telemecanique**  
Sensors



## Benefits

### Reduced downtime

- Real-time alerts via the cloud to your phone minimizes the time necessary for restored operations or the next step in a sequential process system (such as irrigation).

### More efficient production

- Historical data provides a path to optimum maintenance for increased machine availability
- Communicates to all relevant recipients
- Provides better control

### Easy to maintain

- Subscription services for DaaS or SMS can be managed by purchased Service Points based on the usage of those services.




## Characteristics

### Secure

- XIOT is based on an upstream transmission (from the sensor to the server) of extra-short frames (12 bytes) which does not contain 'personal' data. These conditions prevent cyber attacks and other hacking actions.
- The XIOT platform is hosted under Microsoft AZURE by a certified ISO 27001 server. This guarantees that we are supplying the best level of cyber security to our clients.

## Part Numbers

### 3 options to choose from

	Description	Transmitter only XIOT11SE0MRCL	Prepaid 5-year access to cloud XIOT11SE5MRCL	Subscription services (1) XIOT11SERMRCL
	1 standalone transmitter Activation magnet Instruction sheet	✓	✓	✓
	5-year subscription to Sigfox LPWAN (2)	-	✓	-
	Web interface to configure and display data	-	✓	✓
	Smartphone apps for alert notifications (IOS and Android)	-	✓	✓
	Connection to Telemecanique Sensors secure servers via external SCADA system for data processing	-	-	✓

(1) Pricing and terms and conditions available on the online payment site: <https://godigital.schneider-electric.com/smp/home/home-page>

(2) LPWAN: Low power wide area network

For our complete selection of sensor solutions, visit [www.tesensors.com](http://www.tesensors.com)

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June 2022 9006HO1901 R06/22