

LIBERTY SPY

AUTONOMOUS, UNIVERSAL & CONNECTED

A new generation of data loggers, with no Link or gateway required. Large scale monitoring via LTE-M networks, with direct transmission to MySirius.



Non contractual photo

Presentation

Fully autonomous and wireless, the Liberty SPY Digital communicates directly with the JRI-MySirius platform via cellular networks (LTE-M / NB-IoT).

It can therefore be installed freely, without any constraints related to the proximity of another device or gateway.

The device measures and records temperature and humidity according to the connected digital probe. The digital probes feature an internal memory that stores calibration coefficients. This allows calibration to be carried out in the laboratory or simply by exchanging the probe, without interrupting the monitoring of your products.

Technical features

Interface	Status LED and sensitive On/Off button
Housing	Polycarbonate – Food contact compliant
Communication	LTE-M, NB-IoT
Memory	10 000 time-stamped measurements
Operating conditions	- 40°C to + 80°C
Dimensions et weight	64 x 54 x 28 mm / ~ 93 g (with battery)
Recording frequency	Configurable via MySirius from 1 min to 24 h
Protection	IP66
Measuring range	Depending on JRI digital probe type
Power supply	3,6V Lithium battery
Battery life	12 months
Compatibility	MySirius 5.1 Digital Sensor probes : Evolution, X ² et Green
Compliance	CE, ROHS, FCC, REACH EN 12830
References	14191 E : Liberty SPY Digital 14191 X : Liberty SPY Digital without battery

*Recording every 15 minutes and communication every 2 hours

Benefits

- 2 in 1 multifunction data logger
One device, sensor and gateway in one
- Dedicated IoT connectivity
Communication via LTE-M and NB-IoT cellular networks
- BLE mode
Enables data retrieval outside network coverage
- Simplified communication
Direct connection to MySirius, no additional equipment required
- Remote updates
- Responsive and Accurate
Real-time alarms and zero data loss, even in complex environments