

# Nano SPY TH

Mini Temperature & Hygrometry Data logger  
2,4GHz radiofrequency communication



Non contractual photo

## Presentation

The Nano SPY TH sensor measures, records temperature and hygrometry. It transmits data to a nearby LINK module, by 2.4 GHz radiofrequency communication.

The measurements are then sent automatically to the JRI secure Cloud for hosting, and will be managed on JRI MySirius web application.

If thresholds are exceeded, alerts are transmitted in real time to react immediately.

Discreet, it is particularly suitable for climate comfort and HVAC applications.

## Technical features

|                                   |  |
|-----------------------------------|--|
| Interface                         | Status LED and On/Off touch sensitive button   |
| Measurement range                 | -30°C to +70°C and 0-100% RH   |
| Accuracy                          | <b>Temperature</b> : ±0.4°C from -20°C to +40°C and ±0.5°C out of this range<br><b>Hygrometry between +15°C and +25°C</b> : ±3% RH from 20% to 80%<br>±5% RH out of this range |
| Communication frequency           | 2,4 GHz (802.15.4)   |
| Memory                            | 10 000 data points   |
| Sensor                            | SENSIRION SHT25 digital  |
| Operation conditions              | -30°C to +70°C   |
| Resolution                        | 0.01   |
| Measuring and transmission period | 1mn  |
| Internal memory recording period  | Adjustable from 1 mn to 24 hrs   |
| Response time $\sigma_{90}$       | ~2 mn  |
| Protection                        | IP40   |
| Case                              | Polycarbonate – Food contact   |
| Power supply                      | 3,6v Lithium battery - Replaceable   |
| Battery life                      | 2 to 4 years depending on use  |
| Dimensions and weight             | 63 x 42 x 25 mm / ~ 60 g   |
| Fixation                          | Fixing eyelets and integrated magnets  |
| Supplied with                     | White identification ring<br>user manual can be download on <a href="http://www.jri-corp.com">www.jri-corp.com</a>   |
| Compliance                        | CE, ROHS, FCC, ETS 300-328, EN 12830   |
| Standard calibration points       | +2°C/ +22°C/ +38°C and 20%/ 50%/ 80%   |
| Part nr                           | 11568 EU (with battery) - 11568 EX (without battery)   |

## Benefits

- **Easy-to-use**  
The sensor is ready to use and has operating and alarm lights



- **Excellent measurement accuracy**



Fixing eyelets



Replaceable battery