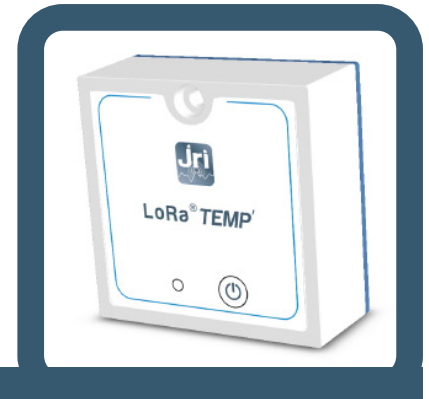




LoRa® Temp'

LoRa® Alliance Member

Temperature indicator
with a long-range LoRaWAN™ connectivity



Non contractual photo

Presentation

The LoRa® TEMP indicator measures the temperature using its internal probe. Data are sent to the JRI secure Cloud by the LoRaWAN™ network of the telecom operators members of the LoRa Alliance™, or by a local network. In case of thresholds excursion, real-time alerts are sent. The JRI MySirius web application allows to visualize and manage the measurements.

Particularly suitable for retail and catering, it allows to automate the temperature monitoring in cold chambers and save the goods in case of malfunction.

Benefits

- Economical and easy solution for cold chain monitoring
- Spontaneous measurement and alert
- NF EN 13 485 Compliant

Technical features

Interface	1 white LED, 1 push button
Measurement range	-30°C to +70°C
Accuracy	±0.5°C from 0°C to +25°C ±1°C from -20°C to 0°C; +25°C to +70°C ±2°C from -30°C to -20°C
Memory	100 data points minimum
Communication frequency	868MHz, 915MHz 470 MHz
Radio range	Up to 16 km open field range
Sensor	Internal Class A PT 100
Operating conditions	-30°C to +70°C / 0 to 100% RH
Resolution	0.01
Transmission interval	Adjustable from 1 h to 24 hrs
Measuring interval	Adjustable from 30 mn to 24 hrs

Mounting bracket



Response time σ_{90}	~10 mn
Protection	IP65 condensation resistant
Case	Translucent white ABS - food contact
Dimensions and weight	65 x 65 x 28 mm / ~ 100 gr
Power supply and battery lifetime	Replaceable Lithium A-Type 3,6v battery Ø 14 mm : 5 years lifetime* Ø 17 mm : 8 years lifetime* (in option)
Fixing	Mounting bracket
Supplied with	Battery Ø 14 mm user manual on www.jri-corp.com
Compliance	CE, ROHS, FCC, EN 300 320, EN 13485 class 1, RCM
Associated metrology	Systematic factory calibration

*for a transmission time of 6 hours in SF8.

PART NRS

12483X LoRa® TEMP' 868 MHz (without battery)
12483 A LoRa® TEMP' 868 MHz with standard battery
12483 AA LoRa® TEMP' 868 MHz avec pile longue durée
12484X LoRa® TEMP' 915 MHz (without battery)
12484 AA LoRa® TEMP' 915 MHz with standard battery
13619X LoRa® TEMP' 915 Australia MHz (without battery)
13619 AA LoRa® TEMP' 915 Australia MHz with standard battery