

ESG-LOGGER-TEMP®

TEMPERATURE TRACKING



USE CASE



MONITORING OF HEATING PLANT

Measure the inlet and outlet temperature of your plants by simply adding the sensor and simply contacting the probes to the connections.



INDUSTRIAL PROCESS

Monitor your paint booths, your ovens, your heating processes and only reassemble the essentials. In case of an anomaly, you can receive alarms in real time.



COLD CHAIN OFF-LINE

Monitor your cold chain without any connectivity and use our ESG-Logger as a record box. Once you arrive at your destination, consult the history datalog of our ESG-Logger and check that there has been no break in your cold chain.



PRODUCT HIGHLIGHTS

AUTONOMOUS AND WIRELESS

The ESG-Logger-Temp can be installed anywhere without worrying about indoor or outdoor wiring. Its installation by magnet is simple, fast and automatic.

SET AS YOU WISH

The setting of the ESG-Logger can be adjusted according to the local or remote use case if LPWAN connectivity is available.

IDENTIFICATION BY LED

A two-color LED allows you to know the status of the product, facilitates its installation and alerts you in case of an anomaly.

OPTIMIZED ALGORITHM for more than 10 years of battery life depending on the use case.

TIME-STAMPING AND DATALOGGING OF EVENTS (+8000)

REPLACEABLE BATTERY

OPTIONS AVAILABLE:

- 1 or 2 probe temperature
- Anti-snatching,
- Customization on request:
 - Case color and labeling,
 - Specific business features.



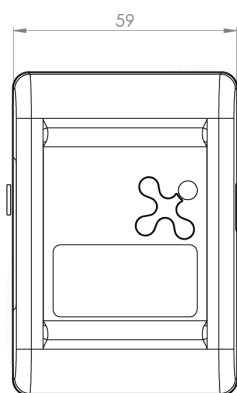
CLOVER-NET TECHNOLOGY

Real-time two-way communication protocol to facilitate the installation and setting of sensors, collection of time-stamped data, automatic inventories, OTA updates...

SPÉCIFICATIONS

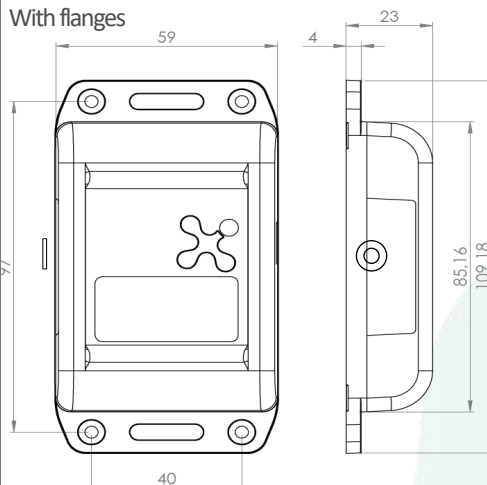
Form factor

Without flange



Cable length 1m

With flanges



Fastening system

Screw

Magnet (optional)

Glue

Certifications

CE, EN 300-220

Measurement range and accuracy

Plage -55°C à 125°C

T°C ± 0.5°C

Physical characteristics

Battery	Lithium 3.6Ah replaceable
Material	ABS PC V0 UL94
Weight	110 g
IP index	IP55 or IP66 (with seal)
IK index	IK07 or IK08 (with seal)
Operating Temperature	-30°C to 70°C
Storage Temperature	-40°C to 80°C
Humidity	< 95% without condensation



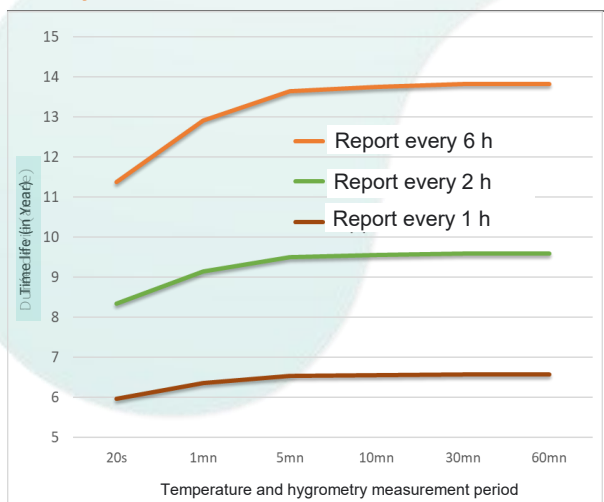
CAUTION: THIS PRODUCT USES LITHIUM BATTERY.

FOR YOUR SAFETY, PLEASE CHECK OUR WEBSITE.

Communication

LoRaWAN	Classe A
	EU868, 915US, AU915, AS923
	Private and public Network
	OTAA and ABP
	Power transmission : 14dBm (EU) to 20dBm max
	Operator compatible : Objenious, Orange ...
	Network core providers : Actility, Orbiwise, TTN,
SigFox (en option)	RC1, RC2, RC4
CloverNet	Broadcast, multicast, point-to-point

Battery life



Use case

Communication in SF12
Rapport with Min/Max/Moyen
Saving data to memory for later reading



Typical datas

Hygrometry and temperature value
Time-recorded measurements
Alarme in case of de High and low threshold exceedances
Alarm in case of tampering
History with time stamp
Activity data (battery, etc.)
Setting up by Downlink

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