

NB-IOT WIRELESS TEMPERATURE, HUMIDITY, CO2, PRESSURE DATA LOGGERS

DESCRIPTION

Discover Ivy, the range of wireless data loggers for remote monitoring of temperature, humidity, CO2 or pressure.

The data loggers connect automatically to Thermotrack-Webserve.com via an NB-IoT connection, without using your computer network.

An instant solution, with no IT installation, for precise monitoring of environmental parameters.



FUNCTIONALITIES



REAL-TIME MONITORING



TEMPERATURE | HUMIDITY
CO2 | PRESSURE



INSTANT WIRELESS COMMUNICATION (NB-IOT)



BATTERY UP TO 10 YEARS



WORKS WITH THERMOTRACK WEBSERVE



ALERTS BY EMAIL, SMS, NOTIFICATIONS, SIREN

USE CASES

- Cold chain (refrigerators, freezers).
- Air quality (offices, schools, nurseries).
- Thermal comfort (temperature, humidity).
- Server rooms, datacenters.

NB-IOT TECHNOLOGY

NB-IoT (Narrowband Internet of Things) technology is a wireless network specifically designed to connect data loggers directly to an Internet platform (Internet of Things or IoT) with **low power consumption**.

It offers **extensive coverage** in hard-to-reach areas, with enhanced security. This makes it easy to connect and control a wide range of connected objects.

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FOR PROFESSIONALS



Pharmacy, health



Agri-food



Agriculture



IT (datacenters)

THERMOTRACK WEBSERVE : YOUR DATA AVAILABLE IN REAL TIME

Ivy series data loggers send their data directly to the Thermotrack Webservice real-time monitoring platform thanks to their integrated NB-IoT SIM card.

Retrieve data from your Ivy data loggers in the form of graphs, values, alarm threshold exceedance lists...



MAIN FUNCTIONS

- Real-time remote monitoring.
- Envoi d'alertes par Email, SMS, Notifications, Sirène.
- Tableaux de bord.

THE ADVANTAGES

- Unlimited users.
- Secure archiving.
- Access via PC, tablet or smartphone.

Free demo on www.thermotrack-webservice.com (login and password : demo)

TECHNICAL SPECIFICATIONS

	Ivy Temp 2D	Ivy TH	Ivy TH-CO2-P
Reference	EFE0002	EFE0003	EFE0001
Measured parameters	Temperature	Temperature, Humidity	Temperature, Humidity CO2, Pressure
Sensor type	External	Internal	Internal
Measurement range and accuracy	-	-	-
Temperature	See external sensors	-35/+70°C ±0.4°C (-20°C / +70°C)	-35/+70°C ±0.4°C (-20°C / +70°C)
Humidity	-	0/100% ±4% (0/80%)	0/100% ±4% (0/80%)
CO2	-	-	400 / 5000 ppm ±40 ppm + 5 % read value
Pressure	-	-	300 / 1100 hPa ±3 hPa at 0 to + 65°C
Battery	3 replaceable AA batteries	3 replaceable AA batteries	3 replaceable AA batteries
Battery lifetime	2 to 10 years*	2 to 10 years*	1 to 5 years*
Dimensions (mm)	124 x 60 x 26	124 x 60 x 26	124 x 60 x 26
Weight	110 gr	110 gr	110 gr

* Depending on measurement frequency, transmission frequency and signal quality.

External sensors for Ivy Temp 2D

Reference	ZA0078	ZA0059	ZA0060
Cable type	Flat 0.7 mm	Round Ø 6 mm	Pipe
Detail	Easy insertion through a door seal	Waterproofing reinforced	With adhesive aluminium plate
Measurement range	-50/+90°C	-55/+125°C	-55/+125°C
Accuracy/Resolution	±0.5°C/0.1°C	±0.5°C/0.1°C	±0.5°C/0.1°C

