

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



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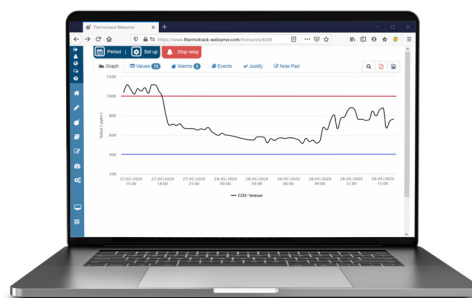


IT (datacenters)

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-webserve.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

