IVY - WIRELESS TRANSMITTERS

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

DESIGNED FOR THERMOTRACK WEBSERVE

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.
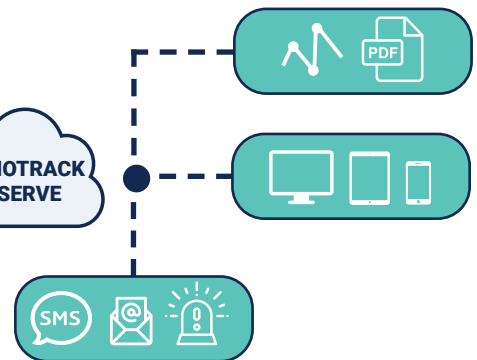
WITH SIM CARD

LONG-LASTING BATTERY

°C/F

HUM

CO2

mA   4.20 mA

Pa/mBar

THERMOTRACK WEBSERVE

NT-IOT TECHNOLOGY

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

It provides **extended coverage** in hard-to-reach areas with enhanced security, allowing for easy connection and management of a wide range of connected devices.

THERMOTRACK WEBSERVE CONNECTION

IVY range data loggers send their data directly to the Thermotrack Webserve real-time monitoring platform via their built-in NB-IoT SIM card.

Access your IVY data logger data in the form of graphs, values, alarm threshold exceedance lists, and more.

FOR PROFESSIONALS

Pharmacy, health

Agri-food

Agriculture

IT (datacenters)

TECHNICAL SPECIFICATIONS

	IVY Temp 2D	IVY TH	IVY TH-CO2-P	IVY PT100	IVY Analog
Reference	EFE0002	EFE0003	EFE0001	EFE0010	EFE0013
Measured parameters	Temperature	Temperature, Humidity	Temperature, Humidity CO2, Pressure	Temperature	4.20 mA
Sensor type	External	Internal	Internal	External	External
Number of external ports	2	-	-	2	2
Measurement range and accuracy	See digital sensors	-35/+70°C ±0.4°C (-20°C / +70°C)	-35/+70°C ±0.4°C (-20°C / +70°C)	See PT100 sensors	Depends on the connected 4.20 mA sensor
		0/100% ±4% (0/80%)	0/100% ±4% (0/80%)		
			400/5000 ppm ±40 ppm + 5 %		
			300/1100 hPa ±3 hPa (0 to + 65°C)		
Battery	3 replaceable AA batteries	3 replaceable AA batteries	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*	2 to 10 years*	2 to 10 years*
Dimensions (mm)	124 x 60 x 26	124 x 60 x 26	124 x 60 x 26	124 x 60 x 26	162 x 81 x 32
Weight	110 grams	110 grams	110 grams	110 grams	230 grams

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

Digital sensors for IVY TEMP 2D

Reference	ZA0078	ZA0059	ZA0060
Cable type	Flat 0.7 mm	Round Ø6 mm	Pipe
Details	Easy installation through a door seal	Waterproofing reinforced	With adhesive aluminum plate
Measurement range	-50/+90°C	-55/+125°C	-55/+125°C
Accuracy/Resolution		±0.5°C/0.1°C	

PT100 sensors for IVY PT100

Reference	ZA0093	ZA0080	ZA0129
Cable type	Flat 0.7 mm/2 m	Round Ø6 mm /2 m	Round Ø2 mm /2 m
Details	Easy installation through a door seal	Waterproofing reinforced	-
Measurement range	-200/+250°C	-200/+250°C	-150/+150°C
Accuracy/Resolution		±0.3 °C à 0 °C, class A, 4 wires/0,1	