

# SENSOR NET CONNECT

MONITORING OF TEMPERATURE, HUMIDITY AND OTHER PHYSICAL PARAMETERS USING ETHERNET OR WI-FI

## DESCRIPTION

Sensor Net Connect is a smart electronic device that plugs on your computer network. It has 3 ports for sensors of temperature, humidity, pressure, CO2 and other parameters.

Install your Sensor Net Connects in a few minutes and choose either ThermoScan IP for PC or ThermoTrack Webserve on the Cloud to store data and manage alerts

## FUNCTIONS



MONITORING  
24/7



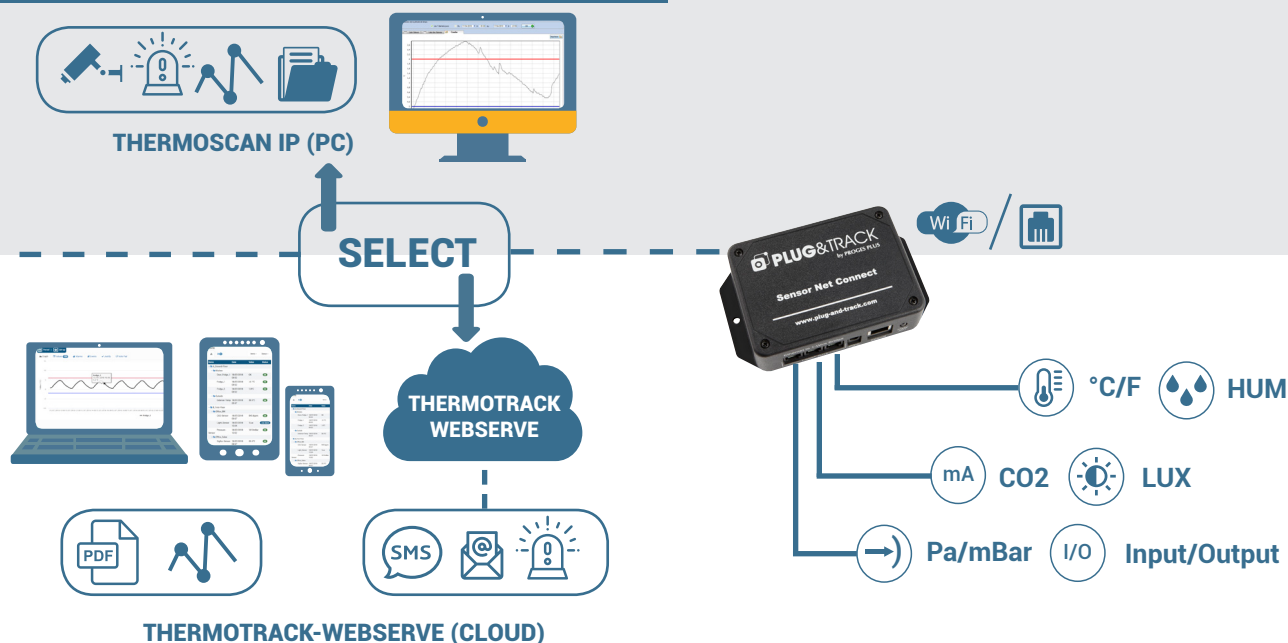
SENSORS



ETHERNET



WIFI



## DIGITAL TEMPERATURE SENSORS



### DIGITAL TEMPERATURE SENSORS

Reference	ZA0078	ZA0059	ZA0060
Type of cable	Flat 0.7mm	Round Ø 6mm	Pipes
Detail	Easy installation through door seal	Strongly waterproof	Aluminium foil tape
Temperature 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
Cable length	2m, extensible 3/10/25 m		

DIRECT CONNECTION TO SENSOR NET CONNECT

## SPECIFICATIONS

- 3 x RJ12 connectors for external sensors or interfaces
- Ethernet connection via RJ45 cable or Wi-Fi
- Protocols HTTP, Post HTTP, SNMP, XML
- 5V power supply
- ABS Casing
- Dimensions 14 x 9 x 4 cm
- References : POI0010 (Wired) or POI0014 (Wi-Fi)

## APPLICATIONS



LOGISTICS



FOOD INDUSTRY



HEALTH  
PHARMA



RESEARCH

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## OTHER SENSORS



### PT100 TEMPERATURE SENSOR

Reference	ZA0093	ZA0080
Cable type/Length	Flat 0.7mm/2m	Round Ø 6mm/2m
Detail	Easy installation through door seal	-
Range	-200/+250°C	-200/+250°C
Accuracy	± 0.3°C à 0°C (class A)	± 0.3°C à 0°C (class A)
Resolution	0.1°C	0.1°C

#### DIRECT CONNECTION TO THE PT100 INTERFACE



### TEMPERATURE AND HUMIDITY SENSOR

Reference	POI0012
Range	-40/+85°C - 0/100% non condensing
Accuracy	±0.2°C à 25°C - ±3% de 10 à 90%
Resolution	0.1°C - 0.4%
Dimensions	80x80x21 mm
Cable length	3m extendable to 3/10/25 m

#### DIRECT CONNECTION TO SENSOR NET CONNECT



### ATMOSPHERIC PRESSURE SENSOR

Reference	POI0033
Range	300/1100 hPa
Accuracy	700 à 1100 hPa ± 2.5 - 300 à 700 hPa ± 3
Dimensions	80x80x21 mm
Cable length	3m extendable to 3/10/25 m

#### DIRECT CONNECTION TO SENSOR NET CONNECT



### LIGHT SENSOR

Reference	POI0034
Range	0/65535 Lux
Accuracy	± 20%
Dimensions	80x80x21 mm
Cable length	3m extendable to 3/10/25 m

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## INTERFACES



### PT 100 Interface

- Reference POI0013
- Connection of a 3 or 4 wires PT100
- Optional relay for local alarms
- Dimension (L x l x h) : 11 x 6 x 4 cm
- Cable length : 3m extendable to 3/10/25 m

### 4-20 mA or 0-10V Interface

- Reference POI0016 (4-20 mA) POI0017 (0-10V)
- 8 inputs for sensors (CO2, pressure...)
- Optional relay for local alarms
- Dimensions (L x l x h) : 10,4 x 5,7 x 4,1 cm
- Cable length : 3m extendable 3/10/25 m

#### DIRECT CONNECTION TO SENSOR NET CONNECT

## DOOR OPENING SENSOR

- Reference ZA0109
- Alarm when door opened - Configurable duration
- Moisture resistant adhesive for quick fixing
- Cable length : 2m extendable to 3/10/25 m

#### DIRECT CONNECTION TO SENSOR NET CONNECT

## I/O MODULE

### 2 CONFIGURABLE INPUTS/OUTPUTS

- Reference : POI0022
- Status monitoring - Alarm relay
- 2 configurable inputs/outputs
- Dimensions 86x25x25 mm
- Cable length : 2m extendable to 3/10/25m



#### DIRECT CONNECTION TO SENSOR NET CONNECT

## ACCESSORIES

### LIGHT AND SOUND SIREN

- Reference ZA0105
- Accoustic power 100 dB
- High visibility LED
- 9V DC power supply included
- ABS casing, wall mount
- Cable length : 2m extendable to 3/10/25m



#### DIRECT CONNECTION TO SENSOR NET CONNECT

### MINI UPS

- Reference ZA0083
- Up to 10h power supply in case of power outage of the Sensor Net Connect

## EXTENSION CABLES

- 3m Reference ZA0092
- 10m Reference ZA0061
- 25m Reference ZA0035