# FOXNET

**PLUG&TRACK**
by PROGES PLUS

## WIRELESS TEMPERATURE AND HUMIDITY LOGGER

FROM **-200°C**
UP TO **+250°C**

## ■ DESCRIPTION

FoxNet is a range of wireless data loggers designed for real time monitoring of temperature and humidity. 4 models are available for control of temperature (-200 to +250°C) and humidity.

The Thermotrack-Webserve cloud companion app allows remote control and alarms by SMS, Email...
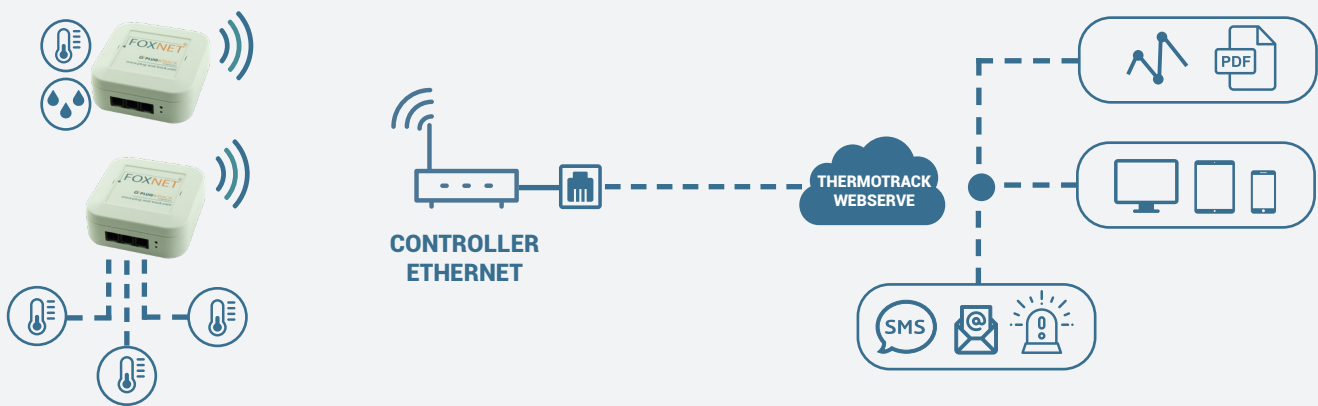
## ■ FUNCTIONS

MONITORING

REAL TIME

SENSORS

WIRELESS

CONTROLLER
ETHERNET

THERMOTRACK
WEBSERVE

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## WIRELESS CONNECTION

### WIRELESS
The wireless communication between FoxNet loggers and the Controller allows easy and quick installation. This product grants you a long range radio communication and the 2.4 Ghz frequency is a free worldwide licence.

### EASY TO USE
FoxNet Temp has 3 ports for external temperature sensors. The RJ12 connection makes it easy to plug the sensors. It also has a magnet in the back, so you can affix it on a fridge side.

### EXTENDED NETWORKS
It is possible to connect 12 FoxNet loggers to a Controller. If there is more FoxNet or if some are too far away to ensure a stable connection, use another Controller on another Ethernet port.

## 4 MODELS AVAILABLE

**FoxNet Temp** has 3 RJ12 sockets for external digital temperature sensors. Different sensors exist depending on the use (control of cold rooms, freezer, laboratory equipment...).

**FoxNet PT100** with 2 ports for PT100 sensors from -200 to +250°C. Perfect for extreme temperatures (-80 freezers, ovens...).

**FoxNet TH** has an embedded temperature and humidity sensor allowing easy monitoring of environmental conditions in HVAC, industry, laboratories.

**FoxNet 4.20 mA** with 2 ports to connect any type of sensor with a standard 4.20 mA output.

## APPLICATIONS

PHARMACY

FOOD INDUSTRY

RESEARCH AND LIFE SCIENCES

| | FoxNet Temp POI0037 | FoxNet PT100 POI0042 | FoxNet TH POI0038 | FoxNet 4.20mA POI0043 |
|---|---|---|---|---|
| Sensor type | Digital external | External PT100 | Internal T/H | External 4,20 mA |
| Compatible sensors | ZA0078, ZA0059, ZA0060 | ZA0080, ZA0093 | - | Any sensor with 4.20 mA output |
| Sensors available | 3 | 2 | 1 | 2 |
| Accuracy | ±0,5°C | ±0,°C | ±0,4°C -10/+85°C ±5% 30/80% RH | Depending on sensor |
| Resolution | 0,1°C | 0,1°C | 0.1°C / 0.1% | Depending on sensor |
| Internal memory | 4096 | 4096 | 2048 | 4096 |
| Power supply | 2 x 1,5 V AA | 2 x 1,5 V AA | 2 x 1,5 V AA | 2 x 1,5 V AA |
| Battery life span | 2 years approx. | 2 years approx. | 2 years approx. | 2 years approx. |
| Dimensions (cm) | 10 x 10 x 4 | 10 x 10 x 4 | 8 x 8 x 2 | 10 x 10 x 4 |

## FOXNET CONTROLLER – POI00**39** :

**Connect your wireless FoxNet dataloggers to your Ethernet network with a controller.**

You only need 1 controller for 12 FoxNet dataloggers.

### TECHNICAL SPECIFICATIONS :
- Ethernet RJ45 connection
- DHCP or Static IP address
- Power supply 230V / 5 V DC
- Protocols HTTP, POST HTTP, SNMP, XML
- Dimensions : 10 x 6 x 4 cm
- IP54

# **TEMPERATURE** SENSORS

| | ZA0078 works with FoxNet Temp | ZA0059 works with FoxNet Temp | ZA0060 works with FoxNet Temp | ZA0093 works with FoxNet PT100 | ZA0080 works with FoxNet PT100 |
|---|---|---|---|---|---|
| Sensor type | Digital | Digital | Digital | PT100 Class A | PT100 Class A |
| Cable type | Flat | Round | Round* | Flat | Round |
| Range | -50/+90°C | -55/+125°C | -55/+125°C | -200/+250°C | -200/+250°C |
| Length | 2 meters | 3 meters | 3 meters | 2 meters | 2 meters |
| Accuracy/Resolution | ±0,5°C/0,1°C | ±0,5°C/0,1°C | ±0,5°C/0,1°C | ±0,1°C/0,1 | ±0,1°C/0,1 |
| Extension cable | 3, 10 or 25m | 3, 10 or 25m | 3, 10 or 25m | - | - |

* With foil tape for pipes

# **WORKS WITH** THERMOTRACK WEBSERVE

Thermotrack Webserve is a **Cloud Platform** dedicated to real time monitoring of temperature, humidity and other physical parameters for refrigerators, freezers, incubators, HVAC, laboratories, industry...
It works with different sensors and technologies: FoxNet, Sensor Net Connect, Thermo Buttons, Sigfox, GSM.

**No hard software to install**. Using any internet connected PC, tablet or smartphone, a login and password is enough to set your sensors, thresholds, create multiple users. In case of alarms, alerts are sent by Email, Text messages, Siren. Data is kept for 10 years online.

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