

WIRELESS TEMPERATURE AND HUMIDITY LOGGER

DESIGNED FOR THERMOTRACK WEBSERVE



The FoxNet range includes 4 logger models designed for real-time monitoring of temperature, humidity, and other physical parameters.

Battery-powered, they transmit data via long-range radio communication to an Ethernet Controller, and then to the Thermotrack Webservice cloud platform for remote monitoring and alert notifications (email, SMS, siren).



WIRELESS



BATTERY



WIRELESS CONNECTION



WIRELESS

The wireless communication between FoxNet loggers and the Ethernet Controller allows for quick and easy installation, with long-range radio communication of **50-60 m indoors**.



EASY INSTALLATION

FoxNet features 2 to 3 ports for external temperature sensors with simple connections to facilitate sensor installation. A magnet on the back allows easy mounting on metal surfaces.



EXTENDED NETWORKS

Up to 12 FoxNet loggers can be connected to a single Controller. If you have more FoxNet loggers or if some are too far for a stable connection, use another Controller on a different Ethernet port.

4 MODELS AVAILABLE

FoxNet Temp : connects 1 to 3 external digital temperature sensors. Various sensors are available depending on the application (cold room monitoring, freezers, laboratory equipment, etc.).

FoxNet PT100 : connects 1 or 2 PT100 sensors with a range of -200 to +250 °C. Ideal for extreme temperatures (freezers down to -80 °C, ovens, etc.).

FoxNet TH : features an internal temperature and humidity sensor for easy monitoring of environmental conditions in HVAC systems, industrial settings, and laboratories.

FoxNet 4-20 mA : provides 2 inputs for connecting any type of sensor with a 4-20 mA output.

FOXNET DATALOGGERS

| | FoxNet Temp POI0037 | FoxNet PT100 POI0042 | FoxNet TH POI0038 | FoxNet 4.20mA POI0043 |
|--------------------|--------------------------------|---------------------------------|-----------------------------------|----------------------------------|
| Sensor type | External digital | External PT100 | Internal T/H | External 4.20 mA |
| Compatible sensors | ZA0078, ZA0059, ZA0060 | ZA0080, ZA0093 | - | Any sensor with 4.20mA output |
| Range | -55/+125°C | -200/+800°C | -40/+70°C – 0/100% | 4 / 20 mA |
| Sensors available | 3 | 2 | - | 2 |
| Accuracy | ±0,5°C | ±0,1°C | ±0,4°C -10/+70°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 | 2048 | 2048 | 2048 |
| Dimensions (cm) | 10 x 10 x 4 | 10 x 10 x 4 | 8 x 8 x 2 | 10 x 10 x 4 |

FOXNET CONTROLLER – POI0039 :

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 25 m | 3, 10 or 25 m | 3, 10 or 25 m | - | - |

* With foil tape for pipes