

EndPoint Thermocouple K

Transmit wirelessly your temperature readings



The EndPoint Thermocouple K is a ready-to-use radio transmitter for wirelessly transmitting temperature measurements from Thermocouple K sensors. This product meets the needs of users wishing to remotely supervise a temperature measurement.

BENEFITS

- > Ready-to-use radio transmitter
- > LoRaWAN radio protocol
- > Range : up to 10km
- > Long-lasting autonomy
- > Waterproof
- > AES128 data encryption
- > Data history

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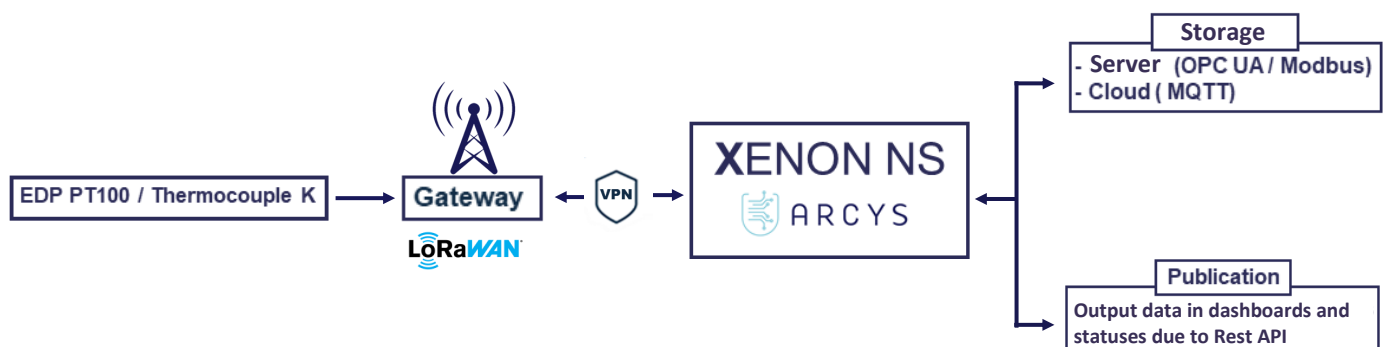
APPLICATIONS

TO ALERT

Fault or fault detection : Detection of an abnormal temperature.

TO STRENGTHEN

Quality improvement : Monitor and monitor ambient parameters.



TECHNICAL SPECIFICATIONS

General informations

Frequency	LoRa 433 MHz / 868 MHz band
Protection level	IP67
Communication protocol	LoRaWAN V1.0.2. or proprietary radio

Performance

RF power	14 dBm (25 mW)
RF sensibility	Up to -140 dBm
Range (free rein)	Up to 10 km

Power Supply

Pile ER18505	3,6 V / 4 Ah
Autonomy	5 years, 1 message/Hour (SF12, BW125 @14 dBm)

Input

Thermocouple type K
 Temperature precision < 1°C from -40°C to +100°C.

Mechanical Case

Size	80x80x60 mm
Weight	80g
Magnets attachment by option	



CONTACT

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