

EndPoint LoRa ANA/TOR

Transmit data wirelessly of your existing instruments.



The EndPoint ANA/TOR is a ready-to-use radio transmitter, allowing existing sensor signals (0-10V, 4-20mA and TOR) to be transformed wirelessly. This product meets the needs of users wishing to remotely supervise site data (pressure, level, humidity, opening, etc.).

BENEFITS

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



APPLICATIONS

TO ALERT

Detection of breakdowns or faults : water level, abnormal humidity levels.

TO OPTIMISE

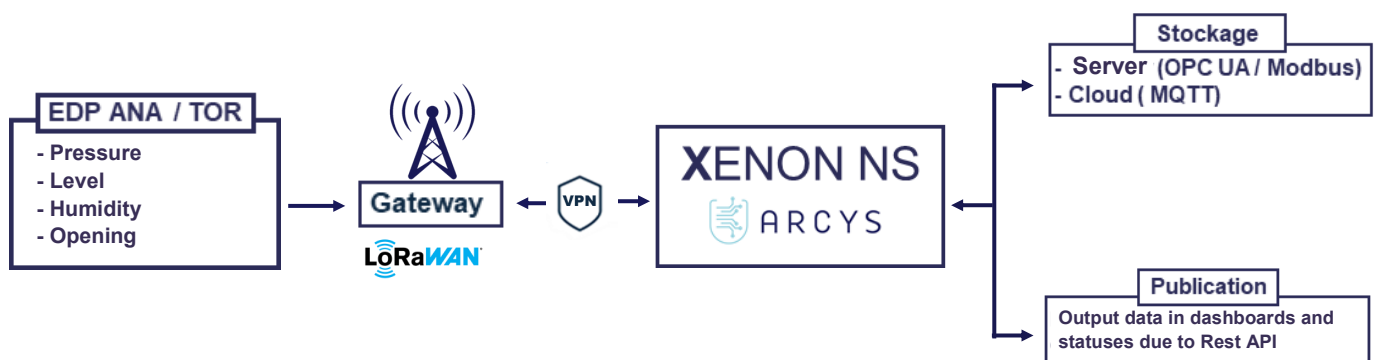
Loss reduction : pressure differences to detect the leaking valve.

TO STRENGTHEN

Quality improvement : to monitor and monitor ambient parameters.

MUTUALISE THE COSTS

Two sensors can be supported by a single EndPoint, allowing a significant reduction in implementation and deployment costs. Powering the transmitter, via a lithium battery, allows autonomy of **up to 15 years** (1 message per hour), or even 20 years (1 message per day).



TECHNICAL SPECIFICATIONS

General informations

Inputs	2 voltage or current inputs
Frequency	LoRa band 433 MHz / 868 MHz
Protection sign	Standard IP67
Communication protocol	LoRaWAN® V1.0.2. or proprietary radio

Radio Performance

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

Power Supply

Pile ER18505	3.6V / 4 Ah
Autonomy	5 years, 1 message/Hour (SF12, BW125 @14 dBm)

0-10V inputs

Résolution 12 bits
Précision < 1%

4-20 mA inputs

Résolution 12 bits
Précision < 1%

Housing

Size	80x80x60 mm
Weight	80g
Magnets attachment by option	



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