

# EDGE

## X1e

### Advanced and Scalable Leak Monitoring

Edge X1e is an advanced solution for monitoring insulated distribution pipes with lengths up to 2 x 2500 meters. The system ensures fast and reliable leak detection, enabling immediate alarm management in case of incidents.

Edge X1e continuously monitors the functionality and condition of the sensor wires, ensuring long-term reliability and safety. With the capacity to connect up to two alarm wire loops, Edge X1e can efficiently monitor two separate pipelines simultaneously.

### Application

Detects issues in pipes.

### Wioniq Platform

Our smart and scalable platform gives you full control over your monitoring in real time. With a user-friendly interface and intuitive design, the platform simplifies not only monitoring but also analysis and statistics, providing you with actionable insights and decision-making support.

### Key features

- Immediate detection of issues
- Built-in 4G for wireless connectivity
- Compatible with copper alarm wires
- Compatible with Multizone alarm cable
- Alerts via SMS and email for notifications
- Integration with SCADA, GIS/NIS
- Integration with BMS via API, webhooks
- Cost-effective solution with high performance
- Easy installation for smooth implementation
- Visualization in Wioniq Platform
- Potential free relay NC / NO

#### General

Model  
**Edge X1e**

Models  
**X1e, X1e-G, X1e-BG**

Range  
**2 x 5000m**

Alarm Wires  
**≥ 4**

Alarm Wire Loops  
**≥ 2**

#### Technical Specification

Enclosure Rating  
**IP68**

Power Supply  
**12VDC trafo or battery**

Working Temperature Range  
**-20°C to 70°C**

Dimension Base Unit  
**220 \* 127 \* 70**

Case Material  
**ABS**

#### Measurement

Insulation Resistance  
**1kΩ - 1MΩ**

Galvanic Voltage  
**-1V to +1V**

Wire Loop Resistance  
**0 - 200 Ω**

#### Communication

Network Connection  
**Ethernet TCP/IP**

Wireless Connection  
**Built-in 4G modem**

SIM Card  
**2 FF Sim**