

# EDGE

## X6

### Leak detection and localization at the highest level

Discover Edge X6 – the ultimate solution for monitoring alarm wires in pipes up to 9000 meters. With advanced technology, the Edge X6 instantly detects and pinpoints any potential issue. Enabling preemptive maintenance measures instead of reactive.

The system continuously monitors the functionality of the alarm wires and ensures they remain undamaged. With the ability to connect up to 16 alarm wires, Edge X6 can easily monitor eight separate pipe lengths – perfect for extensive and complex systems.

### Application

Detects and localizes 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 & localization of issues
- High accuracy in localization <1m
- Built-in 4G modem for cellular connectivity
- Compatible with copper alarm wires (Nordic)
- Compatible with 3DC alarm cable
- 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
- Optional modules enabling external sensors
- Visualization in Wioniq Platform

#### General

Model  
**Edge X6**

Pulse Types  
**Flank & sinus wave**

Range  
**≥ 9000m**

Alarm Wires  
**≤ 16**

Alarm Wire Loops  
**≤ 8**

#### Technical Specification

Enclosure Rating  
**Cabinet IP66**

Power Supply  
**12VDC trafo**

Working Temperature Range  
**-20°C to 60°C**

Dimension Base Unit  
**210 \* 105 \* 30**

Dimension Cabinet  
**380 \* 380 \* 210**

#### Measurement

Insulation Resistance  
**1kΩ - 50MΩ**

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

Wire Loop Resistance  
**0 - 200Ω**

#### Communication

Network Connection  
**Ethernet TCP/IP**

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

Wi-Fi  
**For configuration**