



AIKO[®]

Gas Explorer

**ADVANCED TELEMETRY FOR REMOTE MONITORING
OF LPG TANKS**



Optimize gas management, logistics, and supply through advanced telemetry and online visualization.

WHAT IS GAS EXPLORER?

Gas Explorer is a telemetry platform for remote and **real-time monitoring of LPG levels in stationary above-ground tanks**. Designed for gas distributors, institutional clients, industry, and mining, the solution allows you to **supervise the available level in tanks deployed in the field, especially in remote facilities, to schedule refills in a timely manner.**

The platform integrates **non-invasive ultrasonic and temperature sensors**, data capture and transmission electronics, and a specialized dashboard for centralized information visualization.

With this, **Gas Explorer improves operational control**, strengthens consumption traceability, and contributes to a more efficient and safer LPG supply management.



Gas Explorer includes:

- High-precision ultrasonic sensor (non-invasive)
- Temperature sensor
- Industrial data acquisition hardware
- Secure remote communication
- Cloud Platform
- Web Dashboard
- Direct monitoring via Smartphone
- History and traceability
- Automatic alarms

MAIN FUNCTIONALITIES

Real-time monitoring

Allows you to view the LPG level of each tank online.

Cloud platform

Allows you to store and process all information centrally and securely.

Non-invasive ultrasonic sensor

Installed directly on the base of the LPG tank, without perforations or alterations.

Remote telemetry

Allows automatic data transmission using highly reliable communication technologies.

Non-invasive temperature sensor

Monitors gas temperature to make the corresponding mass adjustment.

Consumption and refill history

Allows access to detailed records for operational analysis.

Centralized dashboard

Allows you to manage and monitor multiple tanks in real-time.

Field gas level monitoring

Allows you to check the tank level directly from a cell phone, facilitating the work of field personnel.

Critical level alarms

Allows you to configure automatic alerts to prevent stock-outs or overconsumption.

BENEFICIOS PARA TU OPERACIÓN

- ✓ Logistics optimization
- ✓ Rapid implementation
- ✓ Cost reduction
- ✓ Scalability for multiple installations
- ✓ Supply continuity
- ✓ Specialized AIKO support
- ✓ Greater operational visibility
- ✓ Better consumption traceability

Technology designed for critical operations

Gas Explorer was **born from AIKO's experience developing industrial automation solutions for mining, energy, and large-scale processes.**

The platform **delivers reliable and continuous information to optimize decision-making**, streamline supply, and mitigate the risks of LPG stock-outs in geographically distributed facilities.

WHY CHOOSE GAS EXPLORER?

- Non-invasive technology
- Fast Track implementation
- Industrial hardware
- Scalable to hundreds of tanks
- 24/7 monitoring
- Secure Cloud Platform

LET'S TALK

**WORKING TOGETHER WE WILL
MAKE YOUR IDEA A REALITY.**