

LPG

telemetry



iGas is a complete LPG Telemetry solution comprising very efficient and reliable systems and a web-based user-friendly and powerful backoffice software.

iGas is implanted within the main LPG european distribution companies since 1996 (BP, Shell, Butagaz, SHVGas/Primagaz, Repsol, etc), providing significative reductions in their logistics costs.

ISA offers a full line of iGas remote units customized to fit the different needs of each market segment (industry, automotive and domestic LPG). The available models include: wireless or cabled link between the tank and the control unit; fixed line, GSM or satellite communication with the data center office; mains, battery or solar panel power options.

iGasAuto is the model dedicated to the automotive LPG segment. It was developed to be installed inside the shop and to provide accurate and real time information about the tank contents. This model also includes monitoring and control of the supply pump and 4-20 mA output to drive a remote display.

The reading of the gas level inside the tank is provided by a magnetic transducer based on a technology with no movable parts that assures very reliable data and a non-intrusive universal fitting (international patent). This transducer is an effective gauge reliability provider!

ISA Business Partner



Innovative Remote Management Systems

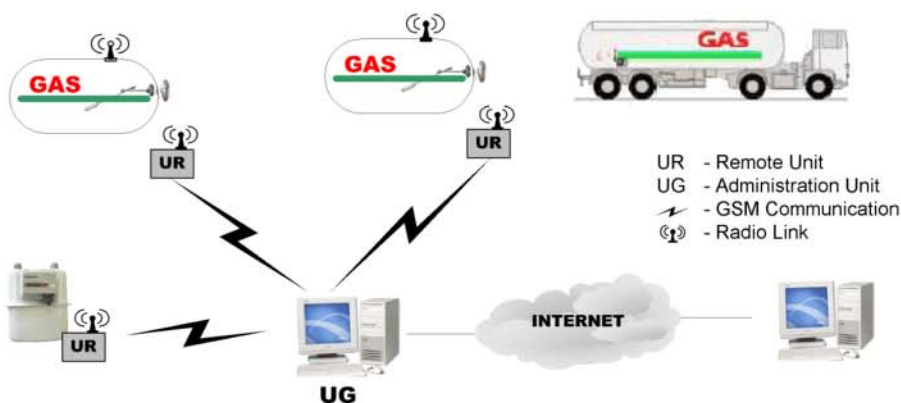
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ISA is a global telemetry company, leader in different segments of market, offering innovative remote management systems with a broad range of applications (gas, water, sewers, environment, industry and domotics).

Designed to give you all the information about your LPG storage tanks

Using the Internet or a Mobile, iGas allows you, wherever you need, to access the information on your storage tanks and meters wherever they are.



iGas Main Features

- Logistic information with hourly information on tank levels
- Stock management and replenishment forecast
- Optimization of the distribution routes
- Statistical or historical information on any tank or user-defined group of tanks
- Increase safety of infra-structures and people
- Permanent checking the variation of the tank levels with the following remote alarm indications
 - Level (maximum, critical, minimum)
 - Abnormal consumption
 - Replenishments
- Monitorization of several gas tanks per control unit
- Communication via GSM, satellite or phone line (free from interfering with the telephone or fax installed in the same line)
- Automatic (pre-scheduled) data collecting or broadcasting mode
- Alarm warnings issued for up to 3 management units and 5 mobile phones (SMS)

References:

Remote Control Units

- iGasAuto - VFC 230V, Fixed Line, Cabled Sensors
- iGasAuto - VMC 230V, Mobile Communications (GSM), Cabled Sensors
- iGasAuto - VFW 230V, Fixed Line, Wireless Sensors
- iGasAuto - VMW 230V, Mobile Communications (GSM), Wireless Sensors

Main Accessories

- RD 100 TeleDisplay (intelligent remote display)
- RD 100 W TeleDisplay (wireless model)

Level Transducers (ISA, Rochester or compatible)

- MLT R Wireless Magnetic Level Transmitter
- MLT V05/12 0-5V output Magnetic Level Transmitter
- MLT I420 4-20mA output Magnetic Level Transmitter

Model Specifications:

- 1 or 2 tanks
- Data autonomy: 30 days
- Local display
- Test and direct command buttons
- Power failure and supply disruption alarms
- Supply pump control
- 4-20mA output for remote display
- Meter reading inputs
- Internal backup battery for data safeguard
- RS-232 serial port
- Power supply: 230V, 40mA; 2Ah internal battery (16h autonomy)
- Dimensions: 220x145x82mm
- EEEx ia IIB T4