GAS & LPG *Telemetry*

T-LOG - Code 8D5718

T-LOG/P - Code 8D5719

- **GSM/GPRS/SMS** multifunctions device for GAS and LPG applications
- Zone 1 **ATEX** certified
- Long-Life **Battery**
- **4 Inputs** (2 Counters, 1 Level Gauge, 1 Cathodic protection)
- Fully remote programmable
- **868 MHz** Radio Transceiver
- Projected for Outdoor use (IP68)
- **Easy** to install

DESCRIPTION

Digicom T-LOG is the ideal solution for all the **remote control and telemetry applications in GAS and LPG environments**.
The solution is composed of two devices: T-LOG and T-LOG/P.

T-LOG has GSM/GPRS and SMS **Gateway functionalities,** besides the measurement and count of pulses coming from the meter.
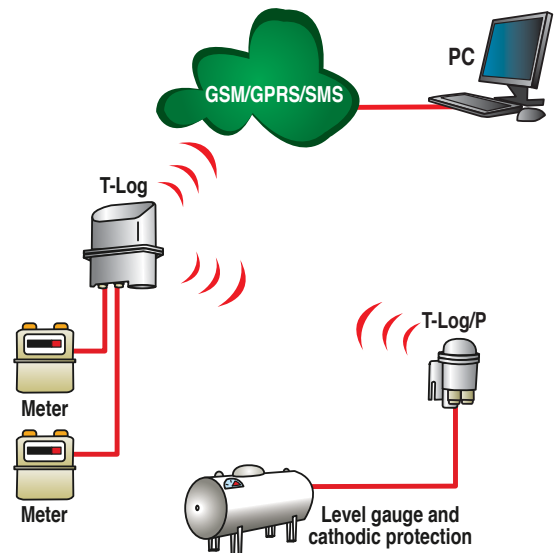T-LOG is powered by a battery and its hardware has been optimized with the latest technologies to guarantee very low consumptions with a longer battery life.

T-LOG can read directly up to 2 counters equipped with pulses emitter and it can send the reading **via SMS**, GSM or IP through the GPRS connection and the **built-in TCP/IP STACK**.
The device can be completely r**emote configured and managed** to guarantee the maximum flexibility and the investments saving.
The configuration of data transmission can be set daily up to monthly, with the readings local storage.
The other **2 inputs** are used by T-LOG for the **management of LPG tank** and particularly for the **level control** and alert **in case of irregular emptying and loading**.

Application 1

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Furthermore also the alarm thresholds can be set to indicate the low status. Also **1 input for the cathodic protection** is present on T-LOG.

T-LOG is equipped with a wireless transceiver to be used together with the T-LOG/P version to receive the consumption data from **2 remote meters**.
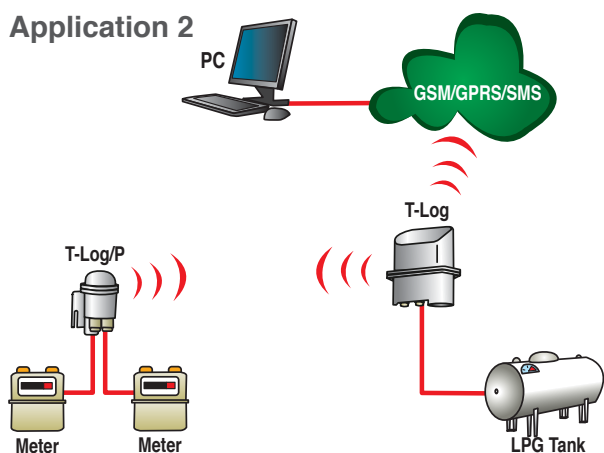
T-LOG **can manage up to 8 T-LOG/P devices** in multichannel applications (that is a maximum of 20 users).

Both T-LOG and T-LOG/P are **very easy to install and use** thanks to the using of special female connectors for level gauge and counters.

The device can be used also in extreme climatic conditions as it is supplied in a box with **IP68 protection level** and with the ATEX certification for a quick and cheap installation.

T-LOG was designed to be part of the complete solution for data management; Digicom customized the firmware in order to be compatible with the management software of the customer or to the software platform of the solution provider (cloud computing application).
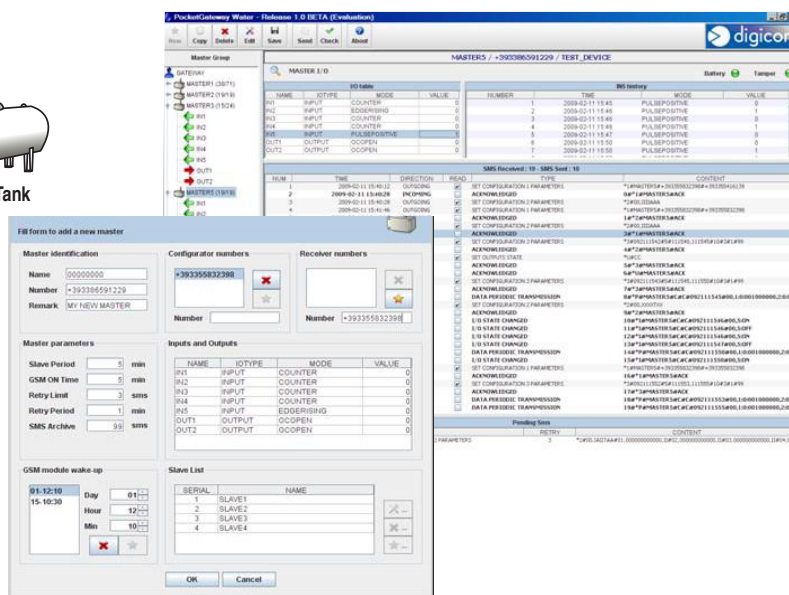
TECHNICAL FEATURES

T-LOG

- GSM/GPRS and SMS Gateway for the remote reading in GAS applications
- Quad-Band 850/900/1800/1900 MHz GSM/GPRS module
- Built-in GSM and 868MHz radio antennas
- GPRS Ready, with built-in TCP/IP STACK
- Reading of 2 meters, equipped with pulses emitter (3 wires)
- Reading of 1 meters for level tank
- Reading of 1 cathodic protection
- Connector for the connection of measure inputs
- Management of the third antitamper wire and cut
- Remote configuration
- 868MHz Wireless transceiver (up to 8 T-LOG/P)
- IP68 box for outdoor use
- Extended temperature range from -20°C to +60°C
- Battery powered
- More than 7 years autonomy battery
- Zone 1, ATEX certified

T-LOG/P

- Device for reading of GAS meters
- Up to 2 meters equipped with reed relays
- Connector for the connection of measure inputs
- Management of the third antitamper wire and cut
- Wireless transceiver
- Distance up to 80 meters LOS
- IP68 box for outdoor use
- Extended temperature range from -20°C to +60°C
- Battery powered
- More than 7 years autonomy battery
- Zone 0, ATEX certified

Application 2

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