Cello 6S - LPG

TECHNOLOG

Delivering commercial and industrial Advanced Metering Infrastructure (AMI) solutions with exceptional data integrity.

Liquefied Petroleum Gas (LPG) profile data and user consumption alarms are automaticallytransmitted over 2G (GPRS), NB-IoT and LTE Cat M1 network to a host computer or data centre at regular intervals providing a cost effective AMI solution for monitoring illicit tank refills and aiding scheduled refills.

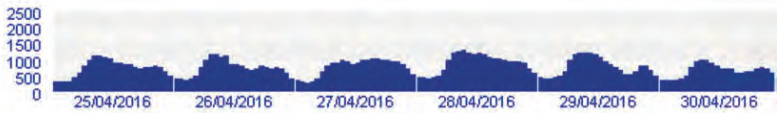
Key Features

- Remote monitoring of LPG tank levels
- Interfaces with Hall effect ratiometric level gauge sensors
- Management of replenishment and maintenance schedules
- Meter readings calculated by totalising pulses corresponding to known volume
- Detection and alarm of unauthorised tampering
- Certified for use in Zone 0 hazardous locations
- Programmable transmission time
- User replaceable SIM card
- Low power design provides typically > 5 years battery life
- Internal antenna
- User replaceable battery









Technical Specifications

TECHNOLOG
AMETEK

Electrical Inputs	– 5v, ratio metric i/o compatible with industry standard hall effect tank level gauge sensors
Modem	**Antenna:** Internal (optional external variant) – Flexible communication build options, supporting either 2G / NB-IoT / Cat M1 or NB-IoT / Cat M1 only **SIM:** User replaceable SIM card
Data Transmission	**Type:** 2G, NB-IoT and LTE Cat M1 networks
Serial Port	**Type:** Full duplex, asynchronous
Memory	**Type:** Non-volatile – Data storage 2000 profile readings
Clock	**Type:** Crystal controlled calendar clock with leap year adjustment – Synchronises clock to local network at regular intervals
Supply	**Life:** Typical battery life > 5 years (daily transmission) – Internally powered by a single, user replaceable lithium battery – Configuration and data retained during battery replacement
Recording	**Interval:** Programmable between 1 minute and 1 hour in defined increments **Data storage:** Rotating store
Alarm Dial-Out	– Programmable high and low flow rate and daily consumption alarms – Alarm on tamper detection – Low battery alarm
Certification	Certified for use in Zone 0 hazardous locations **Certificates:** SIRA 15ATEX2368X & IECEx 15.0139X Ex ia IIB T4 Ga (Tamb = -30°C to +60°C)
Environmental	**Operating ambient temperature:** -30°C to +60°C **Ingress protection classification:** IP68 enclosure
Mechanical	**Dimensions (mm):** 129 (h) x 127 (w) x 77 (d) **Weight:** 0.640 kg

Technolog Limited,
Ravenstor Road, Wirksworth,
DE4 4FY, United Kingdom

+44(0)1629 823611
technolog@technolog.com
www.technolog.com

Copyright Technolog 2022
All rights reserved. Specifications subject to change without prior notice.
2137DS9200 Issue C & DMR n/a