Cello 6S - LPG

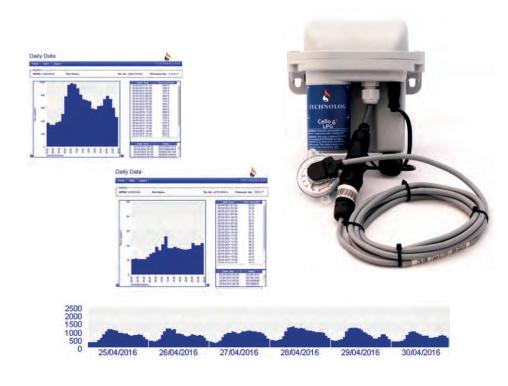


Delivering commercial and industrial Advanced Metering Infrastructure (AMI) solutions with exceptional data integrity.

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

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