

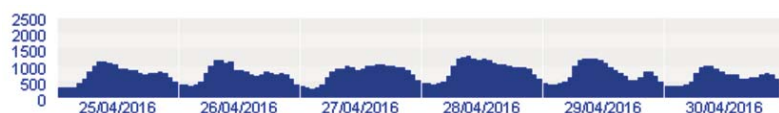
Cello 6S - Gas

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

Meter reads, profile data and user consumption alarms are automatically transmitted over 2G and 3G networks to a host computer or data centre at regular intervals providing a cost effective AMI solution.

Key Features

- Meter readings calculated by totalising pulses corresponding to known volume
- Compatible with pulse output meters
- Pulse input replication
- Detection and alarm of unauthorised meter tampering
- Flow profile data stored at predetermined intervals
- Programmable index read time
- Certified for use in Zone 0 hazardous locations
- User replaceable SIM card
- Low power design provides typically > 5 years battery life
- Protected and tested against water ingress to IP56
- Internal antenna
- User replaceable battery





Technical Specifications

Electrical Inputs	- 1 flow (pulse) and 1 tamper detect or 2 flow (pulse) - 10 Hz max
Electrical Outputs	- Pulse input replication
Modem	Antenna: Internal (optional external variant) - Support for 2G / 3G frequencies SIM: User replaceable SIM card
Data Transmission	Type: 3G - UMTS (WCDMA) / HSDPA & SMS 2G - EDGE / GPRS & SMS
Serial Port	Type: Full duplex, asynchronous
Memory	Type: Non-volatile - Data storage 2000 profile readings and 50 index 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 SIR 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: IP56
Mechanical	Dimensions (mm): 129 (h) x 127 (w) x 77 (d) Weight: 0.640 kg