

# COMlog 2 IS

## Intrinsically Safe Data Logger

COMlog 2 IS is the intrinsically safe, highly versatile data logger designed to be a cost-effective, multi-application solution.

Developed for flexibility, COMlog 2 IS is compatible with any sensor or meter that has a volt-free pulsed output.

Particularly effective for smart metering, COMlog 2 IS provides businesses with an efficient way of managing gas and energy consumption and reducing costs.



### Key Features and Benefits

- **Intrinsically safe:** certified for use in Zone 0 hazardous areas (visit HWM website for certification details)
- **IGEM/GM/7A:** conforms to requirements set out in IGEM/GM/7A
- **Telemetry:** advanced cellular telemetry options available (contact HWM for more information)
- **Replicated outputs:** offered as standard to maintain pulse chain
- **Effortless deployment:** simple to install; can be configured wirelessly
- **Multi-application:** compatible with a wide range of meters and sensors
- **Easy software integration:** designed for easy integration into third party software applications via Datagate API
- **Flexible alarm modes:** 24 hour consumption alarms, High Flow, Low Flow and tamper alarms
- **Online data viewing:** via HWM Online - the utility data monitoring system
- **Low maintenance monitoring:** typical 5+ year battery life
- **External antennas:** supports improved signal strength (contact HWM for more information)
- **Responsive:** accelerated dial in on alarm

### Applications

COMlog 2 IS is compatible with any meter that has a volt-free pulsed output and uses accumulative pulse counting technology to calculate index readings against a known volume.

This innovative logger uses the latest integral cellular telemetry technology to provide rapid data transmission at low cost.

The replaceable internal batteries will typically power the device for five years when data is transmitted every eight hours.

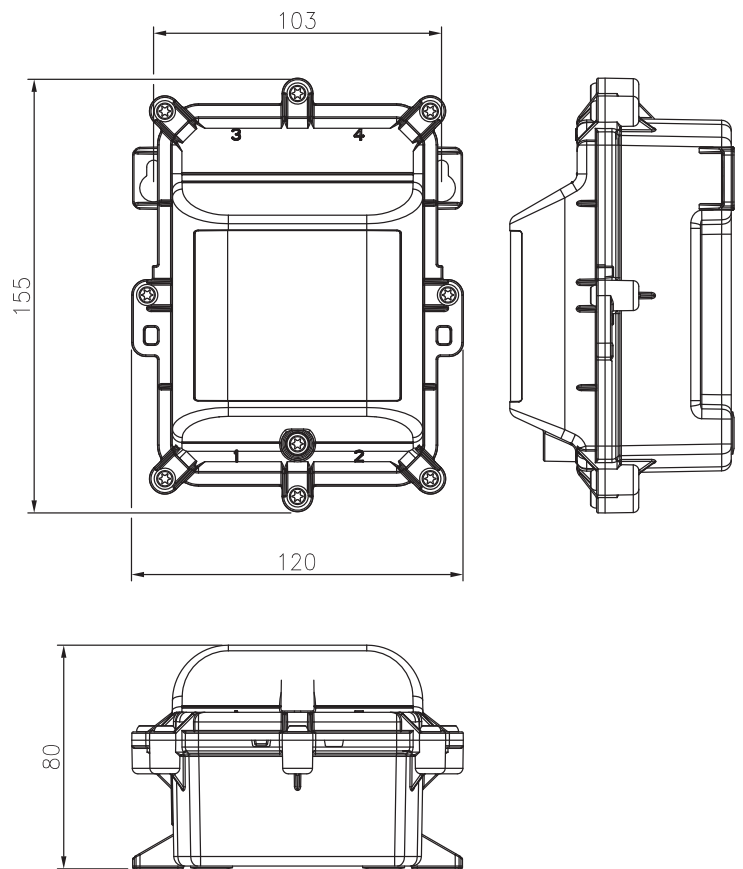
COMlog 2 IS is also supplied with an external antenna connection that enables the use of a range of specialist antennas to address the most extreme low signal level locations.

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## Intrinsically Safe Data Logger

### Logger Features

Rating	ATEX/IEC Certified to Zone 0
Memory	Primary recording 1 million readings
Analogue	Variable sample rates from 1s to 24hrs
Alarms	Multiple Lower/Upper limit, Min Flow, Consumption, Tamper, Rate of Change, Channel Difference, In/Out of Band alarm types
Internal Cellular Modem	Advanced cellular telemetry options available (contact HWM for more information)
Accelerated Dial-in	Dial-in rate is increased if alarm situation is triggered. Logger can accelerate dial-in at alarm level for multiple applications
External Antenna	FME
Construction	PC/ABS plastic enclosure
Dimensions	H = 153mm, W = 120mm, D = 80mm (6.0" x 4.7" x 3.1")
Weight	1kg (2.2lb)
Operating Temp.	-20 to +60°C (-5 to +140°F)
Ingress Protection	IP68
Power	User-replaceable Lithium Thionyl-Chloride battery pack operational for 5 years under standard operating conditions



### Sensor Input

Digital	Up to 2 configurable pulse/status inputs Contact closure type or other pulse input Up to 128 pulses per second
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### Control Output Ports

Digital	2 independent configurable outputs, e.g. pulse replication
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### HWM Global

Ty Coch House  
Llantarnam Park Way  
Cwmbran  
NP44 3AW  
United Kingdom

Tel: +44 (0) 1633 489 479  
Email: sales@hwmglobal.com  
Web: www.hwmglobal.com

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