ComLog 2

Versatile, Multi-application Data Logger

Built for flexibility, ComLog 2 is our highly versatile, all-in-one data logger for multiple applications.

Compatible with any sensor or meter that has a volt-free pulse output, ComLog 2 integrates effortlessly with a wide range of devices to monitor flow and detect leaks in distribution networks.

Designed for reliability, ComLog 2 is highly responsive with accelerated dial-in on alarms for incident alerts. An external antenna connection supports a wide range of specialist antennas ensuring strong performance even in the most extreme low signal level locations.

Applications

The ultimate versatile data logger. ComLog 2 is compatible with any volt-free pulse sensor, featuring accelerated alarm response and supplied with external antenna connection to overcome even the weakest signal environments.

Key Features

- **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.

- **Telemetry:** NBIoT LTE-based cellular communication standard with fallback 2G capability.

- **Excellent value:** reliable and cost-effective.

- **Accessible data:** near real-time data at low cost.

- **Flexible alarm modes:** High Flow, Low Flow and Profile Alarms.

- **Online data viewing:** via HWM Online - the multi-utility data monitoring system.

- **Long-term monitoring:** typical 5 year battery life.

- **Responsive:** accelerated dial-in on alarm.

- **External antennas:** support improved signal strength - contact HWM Global for more information.

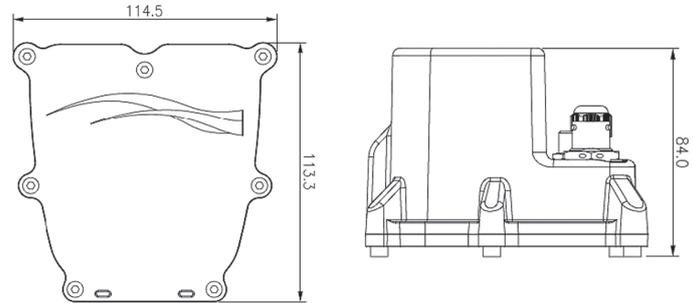- **Wireless programming:** units can be upgraded and programemd without the cost of a site visit.

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Specifications

Logger/ Site ID:	Readable factory set serial number in firmware.
Dimensions:	84H x 115W x 114D (mm) - 3.3" x 4.5" x 4.5"
Construction:	PC/ABS plastic enclosure.
Weight:	570g (1.3lb).
Operating Temp:	-20 to +60°C (-5 to +140°F).
Ingress Protection:	IP68.
Internal Cellular Modem:	Cellular modem supporting 2G/3G/NBIoT/LTE-M (Cat-1) with SMS backup where available - contact HWM Global for available options.
Power:	Lithium Thionyl-Chloride cell operational for 5 years under standard operating conditions, complete with low battery alarm.
Memory:	Primary recording: 2 million readings. Variable sample rate 1 sec to 24 hrs. (Please note that this may affect battery life and communications cost).
Alarms:	Lower/Upper limit, Min Night Flow, Rate of Change, Channel Difference, In/Out of Band alarm types. 6 programmable conditions sets available, sending SMS alarm message to a mobile phone.

Dimensions: 114.5 / 113.3 / 84.0

Sensor Input Options

Digital:	One or two bi-directional pulse input. Reed switch contact closure type or other pulse input. Up to 64 pulses per second. Available with Modbus input.

HWM Global Apps
Logger Installation Support

The HWM Global Deployment App is an installation tool that supports the quick and effective deployment of HWM Global manufactured data loggers. As well as recording installation details, the IDT App is used to test signal strength during installation.

DataGate/DataView/SpillGuard
Secure Data Platforms

Our DataGate, DataView and SpillGuard platforms provide access to the devices and the data that they gather. DataGate holds a database of all installations and site details, while SpillGuard is map based and provides level information but also trends, site history, GIS import, Rainfall data and other features designed to target emerging problems and manage fleet performance.

Data Transfer – DataGate is specifically designed to provide multiple outputs to third party analysis programs so that customers can easily integrate new data points to their overarching management systems and digital twins.

ISO 9001 QUALITY MANAGEMENT
ISO 14001 ENVIRONMENTAL MANAGEMENT
ISO 27001 INFORMATION SECURITY MANAGEMENT
ISO 45001 HEALTH & SAFETY MANAGEMENT
CYBER ESSENTIALS

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DAT-148-0001-B   13.01.2026

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