

# Hydro-Logic™ Flexi Logger

Hydro  
International 

**Gather hydrometric, environmental and climate data with complete flexibility.**

The Hydro-Logic™ Flexi Logger is a flexible data logger that can be paired with a range of sensors to monitor and measure a variety of hydrometric, environmental and climate metrics.

As the data gathering component of a Hydro-Logic™ Smart Monitoring system, it provides exceptional data collection across a wide range of applications, providing you with complete control over your environmental and water system monitoring, alerting and reporting.

## Applications

As a sensor-agnostic data logger, the Hydro-Logic™ Flexi Logger can deliver reliable data across an extensive range of applications, including:

- River, lake, reservoir and tidal level monitoring
- Borehole level and quality monitoring
- Sewer and combined sewer overflow (CSO) level monitoring
- Water supply pressure and flow monitoring
- Weather and rainfall monitoring
- Flood warning
- Pollution and spill warning

## Sensors

The Hydro-Logic™ Flexi Logger is designed to operate with a range of sensors in order to provide complete data collection flexibility. Typical sensors include:

- Depth level pressure sensors
- Radar level sensors
- ADCP sensors
- Ultrasonic flow meters
- Rain gauges, wind and weather sensors
- Water quality probes (pH, turbidity, DO)
- Temperature sensors



## Benefits

### Get flexible with your data collection

Designed to work with a range of sensors, the Hydro-Logic™ Flexi Logger provides the brains—all you need to do is to plug in the sensor. Whether you want to monitor water level, flow, rainfall, turbidity or other elements, the Hydro-Logic™ Flexi Logger gives you the freedom to collect whatever data you need.

### Act, react and make informed decisions

With automatic, remote data transmission the Hydro-Logic™ Flexi Logger enables you to monitor and react to environmental events in real time, and with data collection at intervals ranging from 10 seconds to 12 hours it provides analysts with big data to support effective planning, purchasing and asset management decisions.

### Cut your data logger operation costs

Data loggers often need to be installed in remote, harsh or difficult-to-access locations, and regular battery replacement increases the cost of maintenance and operation. With battery lifetimes of up to seven years, the Hydro-Logic™ Flexi Logger keeps operating for longer—cutting maintenance requirements, enabling you to focus your support teams on other activities and reducing carbon footprint.

## Technical information

### Data logging interval

- Minimum: 10 seconds
- Maximum: 12 hours

### Data capacity (16-bit readings)

- 29,760

### Channels

- Analogue: up to 2
- Digital: up to 3
- SDI-12: up to 16

### Data delivery method

- Automatic transmission (via telemetry system)
- Manual download

### Modem type

- 2G, 3G as standard
- LORA Radio and PSTN options

### Other technical features

- DNP3 Open Protocol
- IP65 and IP68 rated
- ATEX option
- LCD display option
- Internal and external battery pack options
- Compatible with external power source, e.g. solar

## Available models

We offer a range of models to provide further flexibility of application.

### Hydro-Logic™ Flexi Logger 50

A small, lightweight model for use in narrow or space-restricted environments. *Available soon.*

### Hydro-Logic™ Flexi Logger 100

A hard-working model for use in most standard environments.

### Hydro-Logic™ Flexi Logger 200

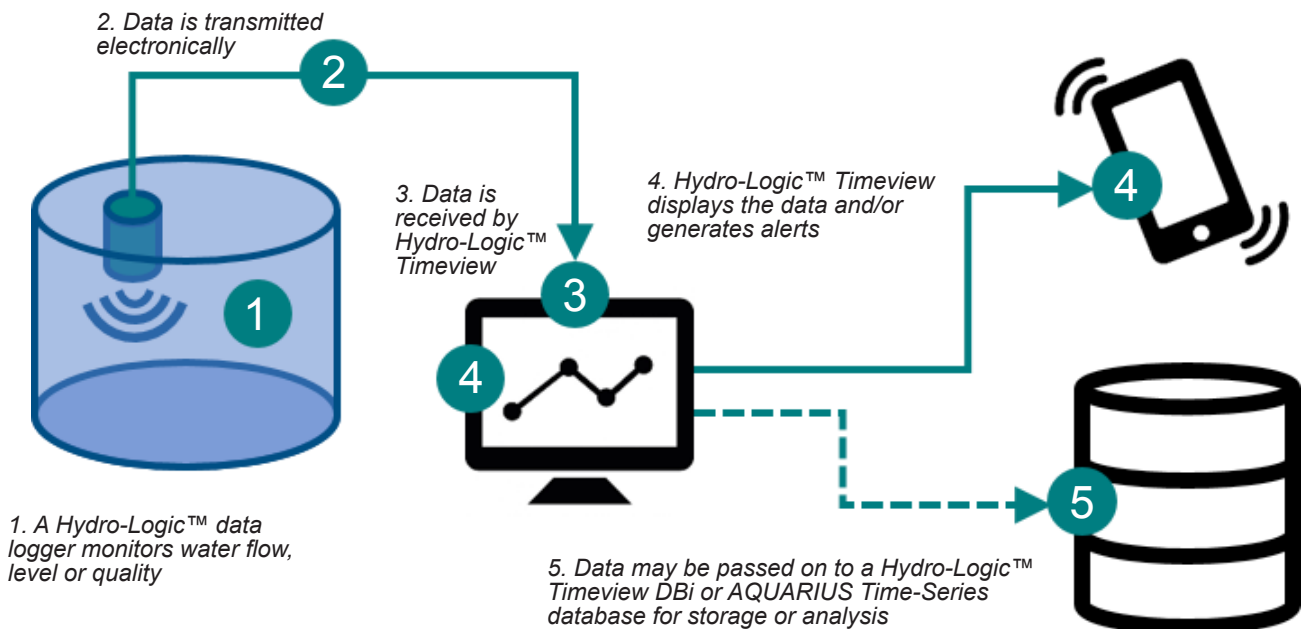
A durable model with control function and LCD display for use in more demanding environments.

### Hydro-Logic™ Flexi Logger 300

An extended-capability model with ATEX options.

*The exact data logger model and sensor type will depend on your specific requirements—our product experts will work with you to identify the configuration that best meets your needs. Contact us to find out more.*

## The Hydro-Logic™ Smart Monitoring concept



## Learn more

To learn more about how the Hydro-Logic™ Flexi Logger can help you to make better water management decisions, visit [hydro-int.com/smartmonitoring](http://hydro-int.com/smartmonitoring), search **Hydro-Logic Flexi Logger** online or contact us:

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