



Borewatch

A slim, low-power system perfectly sized for borehole and water monitoring.

Borewatch is an **all-in-one borehole and ground-water monitoring solution**, engineered for effortless deployment and long-term reliability. Designed for environmental, agricultural, and industrial applications, Borewatch provides **real-time data logging, automated reporting, and alarm notifications** all in a compact, durable stainless steel enclosure.

Borewatch uses *LTE Cat-M1 and 4G* for strong, low-power wireless connectivity, even in remote areas. With up to **8 years of battery life*** and no need for external boxes, regulators, or solar panels, it's ready to install straight out of the box. For extended deployments, external power can be connected to go even further.

*based on an average of 1 hour logging periods, daily reports and 1 alarms a week using the LTE CAT-M1 network

Discreet Internal Pipe Mounting

The cost of installing a pole for mounting telemetry equipment is often higher than the price of an entire Borewatch system. Borewatch eliminates this need—its **compact, pipe-mounted design** allows it to be installed inside a **2-inch (50mm) well or pipe**, using standard caps and casings for security and concealment.

Perfect for **discreet environmental monitoring** while reducing vandalism risk.

How Borewatch Works

1 Deploy & Install

Insert Borewatch directly into the borehole with sensor attachment.

2 Connect & Configure

Set up in minutes via Wi-Fi or Ethernet, no software required.

3 Monitor & Report

Automate data collection, alarms, and reporting over your chosen mobile network.

4 Analyse & Optimise Data

Configure CSV reports for environmental tracking, compliance, and decision-making.



Applications



Environmental Monitoring

Track groundwater and surface water conditions with precision.



Agriculture & Irrigation

Optimise water usage and enhance sustainability.



Industrial & Water Treatment

Ensure compliance and operational efficiency in regulatory environments.



10+ Years
Battery Life



49 mm
Wide Profile

Your Complete Borehole Monitoring Solution

Quick & Cost-Effective Deployment

Direct suspension mounting **eliminates the need for bulky enclosures**, reducing installation time and costs.

Proactive Alerts & Monitoring

Automatic **SMS or email** alarms notify you of critical changes in **water levels, PH, salinity** or other configurable parameters depending on sensor input.

Note: Exception reports can also be sent to update backend systems with alarm conditions, ensuring timely response and integration with your broader monitoring infrastructure.

Customisable Data Reporting

Schedule CSV exports at user-defined intervals (e.g., every minute, hourly, daily).

(Note: Shorter intervals impact battery life.)

Compact & Durable

Small-diameter, **IP68-rated** stainless steel enclosure for long-term protection in harsh environments.

Multi-Sensor Compatibility

Supports **SDI-12, Modbus RS-485, analog, and digital sensors** for maximum flexibility.

Discover the Borewatch Advantage

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