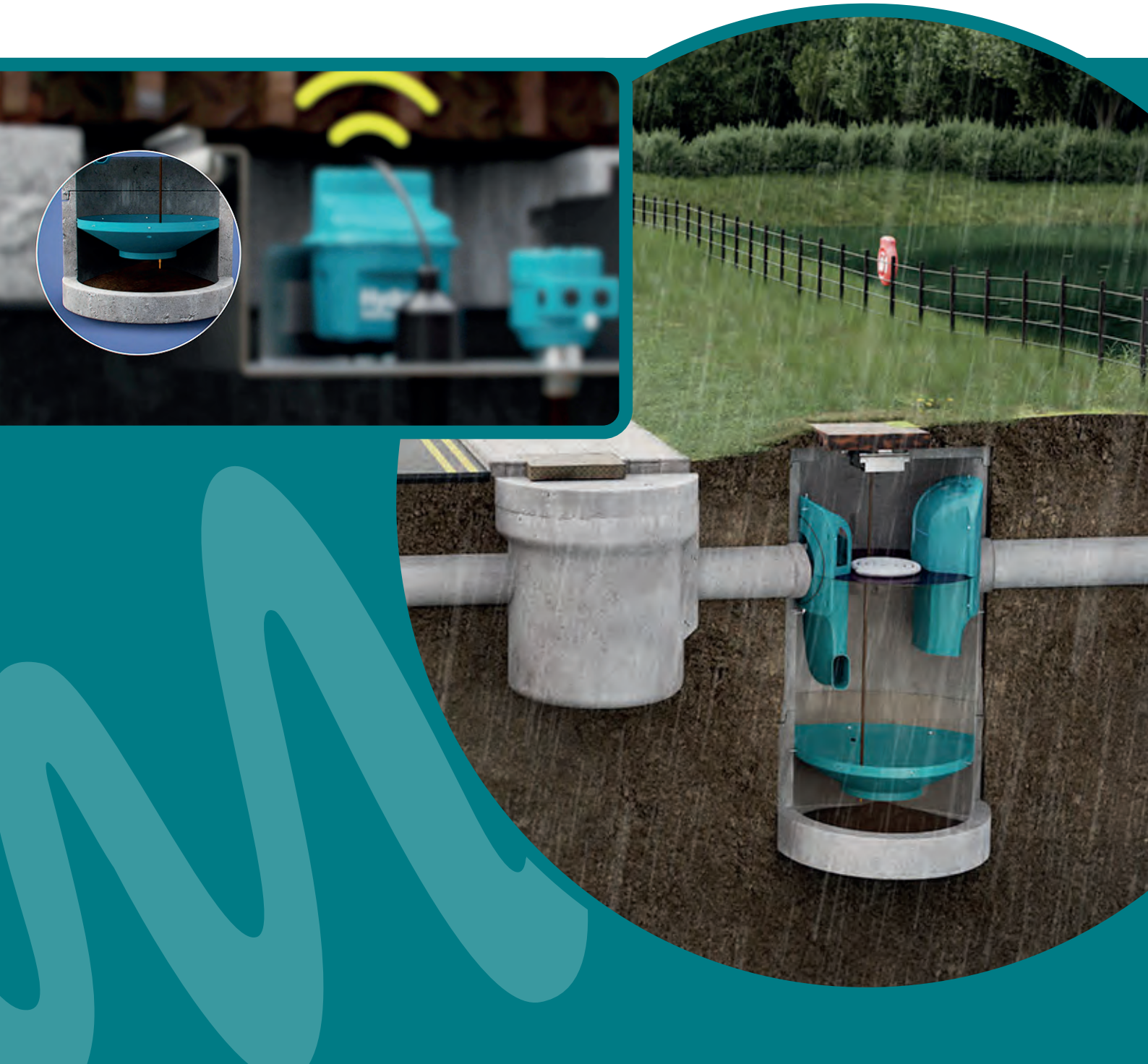




Continuous remote monitoring and automated alerts give peace of mind and make maintenance easier and more cost-effective.

Hydro-Logic® Smart Maintenance

The Hydro-Logic® Smart Maintenance system is a sophisticated sensor and telemetry package that enables remote, independent auditing of your stormwater device giving complete reassurance that your equipment is being continuously monitored. Alerts will be triggered when abnormal water level activity is detected and/or when sediment build up has reached capacity and maintenance is due.

This system will give complete peace of mind by averting any major incidences before they happen and generating considerable cost savings by only requiring that you remove sediment from your treatment device when required, which also frees up valuable time and resources.



Features

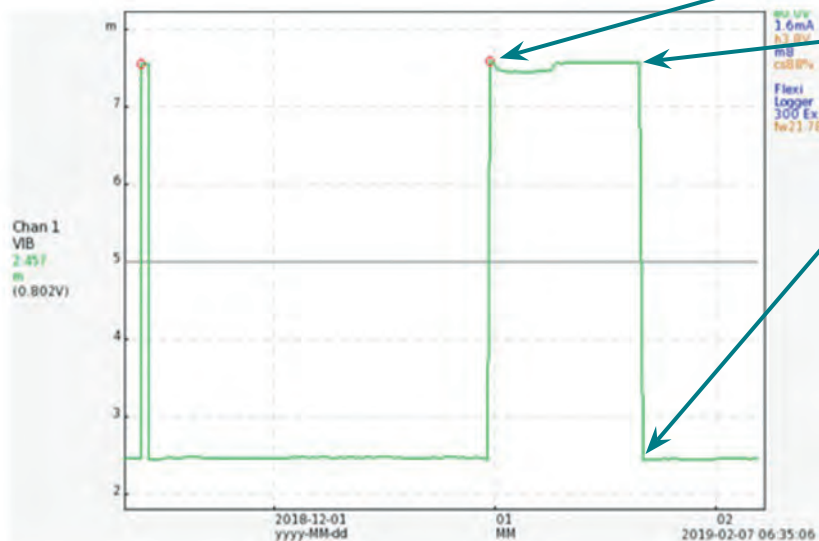
- IP68 rated.
- Equipped with a 4G modem that supports Long-Term Evolution technology (NB-IoT and CAT M1) with 2G fallback.
- FTP and DNP3 protocols supported.
- Local communication via USB cable or Wi-Fi.
- No mains power required - user replaceable 178Wh battery.
- Pre-configured for instant connection to web-browser-based telemetry.
- Easy setup, local or remote, using Harvest software or via browser-based telemetry.
- On-board diagnostics (signal, battery and sensor monitoring).
- Long term secure data retention. Secure data storage in flash memory prevents data loss if the battery fails.
- Simple and quick to install, suitable for temporary or permanent installations.
- 2 Year Warranty.
- Automatic, configurable alerts sent via email and/or SMS.
- No additional IT or telemetry infrastructure required.

Hydro-Logic® Smart Maintenance System

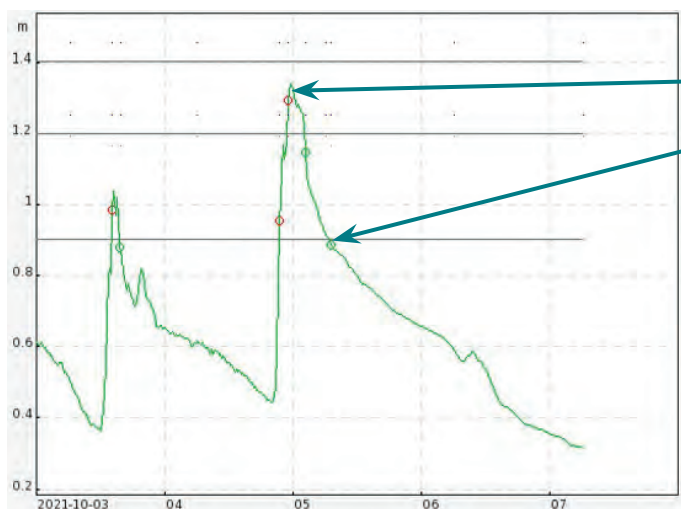
	Water Level	Sediment Level	Sediment & Water Level
Product code	PDA1100.1400	PDA1100.1410	PDA1100.1415
Hydro-Logic® Flexi Logger 105	✓	✓	✓
Water level sensor	✓	X	✓
Sediment level sensor	X	✓	✓
Hydro-Logic® Timeview telemetry access (1 Year)	✓	✓	✓
304 stainless steel mounting frame	✓	✓	✓
Delivery, installation & commissioning	✓	✓	✓

Hydro-Logic® Smart Maintenance

Peak rise in graph shows restriction of vibration which indicates that sediment level has reached capacity.



1. An Alert is sent out to an elected device to trigger a maintenance response for the unit.
2. Unit is emptied.
3. Monitoring levels return to normal.



Water level rises during a storm, then rapidly drops afterwards. Slower drain down times can indicate a potential blockage.



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