

# SynaptiX - LID

Industrial IoT

## Floodplain Harvesting Measurement

Ensure Compliance with the NSW Floodplain Harvesting Measurement Policy, using our SynaptiX Local Intelligence Device (LID)



Novecom's SynaptiX LID is your ultimate solution for floodplain harvesting measurement. Designed, manufactured and supported in NSW, our LIDs are equipped with integrated solar panels, batteries and smart remote sensors to monitor and report storage water levels automatically.

### Main Applications:

- **Floodplain Harvesting Measurement:** Ensures compliance with the NSW Floodplain Harvesting Measurement Policy by accurately measuring and reporting storage water levels.
- **Water Storage Monitoring:** Utilises smart sensors to monitor environmental conditions such as water levels, ensuring real-time data collection and reporting.
- **Agricultural Management:** Helps farmers manage irrigation by providing accurate water level data, optimising water usage and improving crop yields.



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## NSW Floodplain Harvesting Measurement Policy

Landholders with a floodplain harvesting access licence are required to measure the water extracted from the floodplain, in accordance with the NSW Floodplain Harvesting Measurement Policy 2020. This policy mandates the installation of telemetered metering equipment on storage facilities or at the extraction point. The objective is to manage floodplain harvesting diversions within legal limits and ensure compliance with licensed volumes. For more info visit: [industry.nsw.gov.au](http://industry.nsw.gov.au).

### SynaptiX LID benefits at a glance:

- **Compliance:** Ensures you meet the specifications of the NSW Floodplain Harvesting Measurement Policy with an approved storage measurement system installed and certified by a Duly Qualified Person (DQP).
- **Efficiency:** Automated data reporting ensures you stay compliant effortlessly.
- **Support:** You can rely on our local team for dedicated support when you need it.
- **Turnkey Solution:** Easy set up with minimal onsite integration required.
- **Integrated Solar Panels:** Ready to operate in remote locations without external power sources.



## How it works

The SynaptiX LID solution is a complete single unit, including a mounting frame and solar-battery power supply. The LID is supplied as a sealed, maintenance-free unit with pre-installed software to connect to either:

- **Primary LID (Model: 100564)** - The WaterNSW SIM for telemetry to the government's data acquisition portal. Reports are typically available 24 hours later through the DPE Data Acquisition Service (DAS). Configured to interface with approved SDI-12 storage metering devices
- **Secondary LID (Model: 101345)** - Data is accessed via the Novecom SynaptiX Asset Management System (SAMS). 24/7 remote monitoring. Configured to interface with approved SDI-12 storage metering devices.

Installed and certified by a Duly Qualified Person, the equipment is connected to an approved storage meter, and then data is sent automatically to the DPE and accessible through the DPE DAS or Novecom's SynaptiX Asset Management System (SAMS) for Secondary LIDs.

## Why choose SynaptiX LID

Choosing SynaptiX LID means opting for reliability and local support. Our devices are proven to perform in NSW conditions, and our team is based locally, ensuring quick and effective support. Stay ahead with a system that meets all legislative requirements and ensures compliance with the NSW Floodplain Harvesting Measurement Policy.



**Scan the QR Code to find out more or contact our team to discuss how we can assist with your project**