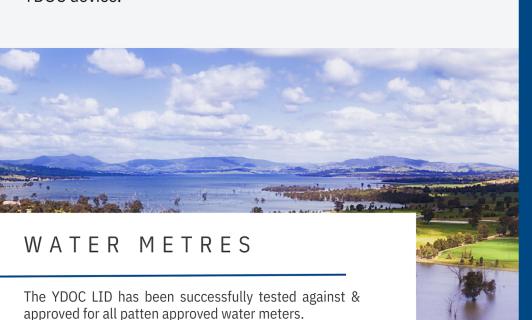Adapted from the original YDOC device, the YDOC LID (Local Intelligence Device) has been exclusively developed by Pacific Data Systems Australia with enhanced features to meet the criteria and guidelines for NSW non-urban water metering framework.

The YDOC LID is developed specifically to provide ease of installation, with the ability to validate installation success via USB connection, and easy access to the internal enclosures for future battery changes or routine checks. Battery life is made with longevity in mind, set to withstand 7-10 years.

PDSA is a specialist in data logging and telemetry, delivering confidence and insights into environments for 37 years. We have worked closely with the NSW Department of Planning, Industry & Environment to deliver the YDOC LID under the non-urban water metering project.

We offer our customers endless customisable solutions to the original YDOC device and are proudly the exclusive East Coast channel distributor for the YDOC. Visit our website to find additional information and customisable options for the original YDOC device.

KEY BENEFITS

- Rugged, lightweight & waterproof IP67 enclosure (130x120x75mm)
- Easy installation & can be mounted high position for greater signal.
- The YDOC Pole mount kit available to easily fit a pole (40x60mm). Industry approved.
- IoT Cat M1 coverage is on the 4G network and allows greater range using this IoT band.
- 2x lithium 3.6V 13AH batteries - expected battery life 7-10 years.
- Reputable and local support.

WATER METRES

The YDOC LID has been successfully tested against & approved for all patten approved water meters.
For further information, you can find and download the government's integrators guide at:
www.irrigationaustralia.com.au

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COMPATIBILITY

- Pulse or Modbus Meter Outputs
- Sites that are Telemetry Connected or Ready

INCLUDED

- Pole Mount Kit – If required.
- Fixed Antenna, Cat-M1 Compatible.
- 2 x Required 3.6 V Primary lithium-thionyl chloride Batteries (13AH)
- 5m sensor cable - Includes Milspec connector for YDOC LID connection, bare wire end for meter end.
- 1st purchase comes witha DQP kit to suit YDOC LIDs including; tamper bit, usb cable, internal power lead, spare fuses, jumper, nuts, washers and screws.

ADD - ONS

- Pole mount Kit Custom
- Cable Lengths; 10 Meters, 20 Meters, 40 Meters
- Spare Batteries, cables and DQP kit components available on request.

HOW IT WORKS

The YDOC LID is a base YDOC that is modified by PDSA under a specific application design. This specific Device incorporates security alarms for device tampering, robust connections between the customised communication cable and water meter, antenna, long-life lithium batteries & Cat-M1 connectivity for any pattern-approved water meter.

The YDOC LID has integrated 4G LTE Cat-M1 connectivity. The device's network integration, paired with its low frequency (LTE massive loT), and lower data connection means it obtain up to 100km of range over the 4G modem. This in turn allows loT devices with low power and lower data (up to 1MBPS) to get extended range for loT applications such as remote sensors and utilities monitoring.

FIRST OF ITS KIND

PDSA Deploy the YDOC device due to its worldwide data logging technology and premium features. The developed YDOC LID was the first LID approved as compatible with the new program rules by NSW DPIE. We worked closely with the NSW Government in developing a soution, utilising the highly functional, modern base YDOC to develop a device specific to their needs and in turn, achieving the first compliant, aproved solution.

PDSA often collaborate with governmentsand clients to develop fit for purpose custom solutions for a wide range of applications.

FIRST OF ITS KIND

To meet NSW security guidelines, the YDOC LID utilises SSL/TLS encryption for safe HTTP transfers. The device also comprises physical tamper evidence and alarms. Each YDOC LID obtains a government-approved tampa seal to provide evidence in the case of any device tampering.

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