

Approved local intelligence device (LID)

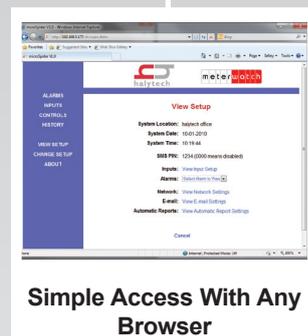
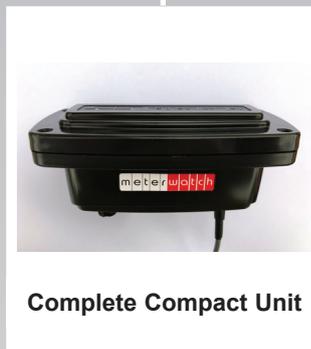
Halytech **meterwatch** is a premium data logger and telemetry device offering the longest battery life in its class.

A unique, easy to use web interface lets installers connect to **meterwatch** to set up and verify meter calibration, mobile signal strength and internet connectivity. Any computer with a browser can be used and no special software is required.

Extremely low power operation and field life in excess of 10 years is achieved by utilising the latest LTE Cat M1 and Cat NB-IoT communication technologies.

Features

- Fully approved LID for the NSW DAS Non-urban water metering framework
- Economical to buy, install and operate
- 10+ year operational life
- Quick and easy to install - no external enclosures, batteries or solar panels
- Compatible with all pattern approved meters with pulse outputs
- Cable cut (tamper) detection
- Encrypted communications
- Complete system includes:
 - Compact IP 68 enclosure with built-in mounting system
 - One meter input
 - Three system inputs
 - Ethernet Interface
 - Integrated LTE Cat M1 / Cat NB-IoT modem
 - Internal or external antenna
 - Huge 400,000 record non-volatile on-device data memory
- Designed and manufactured in Australia by Halytech - an Australian company



Specifications

General

Dimensions (approx)	165(W) x 80(H) x 85 (D) mm
Weight (approx)	800 g
Enclosure rating	IP - 68
Enclosure material	ABS
Mounting system	Integrated into enclosure
Operating temperature	-20 to +80 degrees Celsius
Factory warranty	7 years parts and labour, return to base

Power Supply

Battery	Integrated long life lithium batteries with 7+ years battery life
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Meter Input

Meter compatibility	One pulse meter with tamper
Input range	0 -12V DC Voltage or voltage-free switch contact
Minimum pulse width	5 ms
Maximum frequency	100 Hz
Range	0 - 999,999
Connection	Integrated prewired lead

System Inputs

Type	System temperature Battery voltage Internal moisture sensor
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Logger

Capacity	approximately 400,000 records
Storage memory	Non-volatile FLASH
Time resolution	1 second
Time synchronisation	Automatic by NTP
Report format	DAS approved
Automatic reporting	Encrypted, directly to DAS

Communication Interfaces

Ethernet	10/100 base-T with LANlink Cable
Mobile communications	LTE Cat M1 / Cat NB-IoT
Antenna	Standard - internal antenna Optional - external antenna
Internet connectivity	Mobile communications

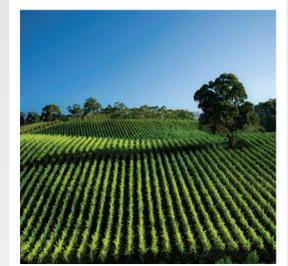
Installation

Requirement	By duly qualified person only
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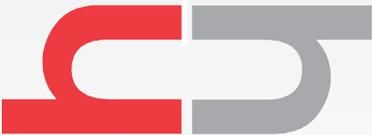
Optional Assesories

External antenna
LANlink Cable
Spare Battery Packs
Universal Pipe Mounting Bracket

All specifications are subject to change without notice. Published January 2022.



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