



Overview

The H2O Degree M54230 wireless two channel pulse counter monitors and records pulses from utility meters to determine energy consumption.

The device operates with H2O Degree's 2.4 GHz wireless networks. The device is designed to support water, gas and electric pulse meters. The pulse counter device uses a battery powered wireless radio to report consumption. There is a 32-bit unsigned cumulative pulse counter register for each of the two channels. The pulse counter continues to count pulses even if the radio is unable to transmit the data.

Compatibility:

- Water meter with pulse output
- Gas meter with pulse output

Features

- The H2O Degree M54230 is a battery powered wireless pulse counter that has two channels for use with H2O Degree 2.4 GHz wireless network.
- Device provides a radio interface to remotely collect utility consumption from up to two (2) separate pulse meters (any combination of gas or water meters with dry contact).
- * Device can be installed up to 1,000 feet from gateway.
- Remote display available, contact H2O Degree for details.
- Device can connect to new or retrofit meters including: (sample list)
 - Water meters with pulse output
 - Badger
 - Elster (AMCO)
 - Master Meter
 - Neptune
 - Norgas
 - SENSUS
 - Gas meters with pulse output
 - Dattus
 - Itron Metris
 - Norgas
- Channel 1 and 2 can interface to dry contact pulse inputs only.
- Radio is compatible with H2O Degree secure wireless 2.4 GHz mesh network.
- By using a magnet, the installer can force a radio transmission and receive a LED sequence feedback on radio connectivity in real-time for ease and validation of commissioning.
- Types of packet data reported:
 - Data Packet (60 minute interval default)
 - Health Packet (120 minute interval default)
- Non-volatile memory maintains last reading in the event of a power failure.
- Hourly data.
- Ten year battery life.
- Approvals:
 - US Complies with FCC CFR Part 15
 - European RADIO EN 300 328:v1.7.1
 - European EMC EN 301 489-17:V2.1.1
 - European SAFETY EN 60950-1:2005 (Ed. 2.0)
- Ten year warranty.

Ordering Information

Model	Description
M54230	Battery Powered Dry Contact Pulse Counter - Indoor (2 Channel)