



Energy, Water and Waste Solutions

OPTI-PULSE

LED Flash or Pulse Datalogger with Repeated Pulse Output

The Enica Opti-Pulse Logger brings a new level of simplicity to logging utility meters. The logger detects and datalogs either red flashing LED lights found on electric meters or meter pulse outputs.

Simply place the unique LED sensor over the red flashing light on your electric meter or connect to the pulse output of your meter and start logging your consumption patterns.

The Enica Opti-Pulse Logger allows you to start obtaining half hourly, 15 minute or 5 minute meter data within seconds.

Gain the data provided by AMR systems at a fraction of the cost.



Why use Opti-Pulse?

» Log 30min 15 min or 5 min data from Utility Meters

» Pulse Input or LED Input

» Repeated Pulse Output (Converts LED to Pulse)

» Free Data Software with Graphing and Statistics

» Battery Powered

» Install in <60 Seconds

» USB Data Download

» 30, 15 or 5 Min Logging

See overleaf for details.

ENICA OPTI-PULSE - UTILITY METER LOGGER

INTRODUCTION

The Enica Opti-Pulse Logger works on simple principle of sensing Red Flashing LEDs on meters or detecting meter Pulses and comes with simple to use on-board datalogging.

Red flashing lights on electric meters are common across the globe. Each flash is directly proportional to an amount of energy (kWh) being used.

Likewise, many other types of utility meters also have pulse outputs. Simply connect the Enica Opti-Pulse Logger to either the LED Sensor (optional) or a meter pulse output and set the logger to run using the free software.

PRODUCT FEATURES

- LED or Pulse Input.
- Repeated Pulse Output converts LED flashes to electrical pulses for connection to other logging systems.
- Battery Powered (up to 4yr Life).
- LED Sensor Head (sold separately) - designed to not obscure meter details.
- Detects up to 7 flashes per second.
- Red LED light shows when a flash or pulse is received.

INPUT/OUTPUT CONNECTIONS

- Pulse Input
- LED Sensor (sold separately)
- Repeated Pulse Output to convert LED Flashes to Pulses

DATA DOWNLOAD

The Opti-Pulse Logger uses a simple USB data cable (specific to Enica). The cable is plug and play ready for use with Windows XP or later.

FREE GRAPHING SOFTWARE

The Logger Configuration and Data graphing software is available free of charge. Used to configure the logging parameters, time settings and download data to your PC. The software also allows users to view interactive graphs and statistics of the data for simple energy and water management.

POWER SUPPLY

The Opti-Pulse Logger uses 2x Standard Alkaline Batteries for simplicity and ease of installation with an expected battery life of up to 4 years.

LOGGING MEMORY

With on-board flash memory, the Opti-Pulse Logger has enough space for approximately:

- 2 years in 5 Min Mode
- 3 years in 15 Min Mode
- 5 years in 30 Min Mode

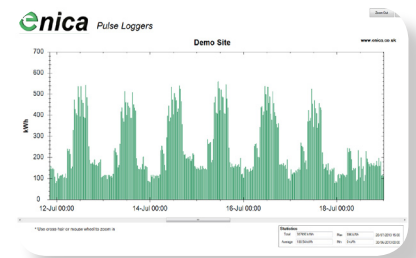
EASY INSTALLATION

Fixing to the wall by 4x mounting screws. LED Sensor Head attached via an adhesive Pad. Optional tamperproof seal label can be placed over the sensor head.

TECHNICAL SPECIFICATION

No. of Inputs (LED or Pulse).....	1
No. of Repeated Pulse Outputs.....	1
Data Download.....	USB
Dimensions (WxHxD)..	88x142x45mm
Mass.....	approx 0.30kg
Power Supply.....	2x 1.5v Alkaline Cells
Expected Battery Life.....	up to 4 Years
Operating Temp. Range...	-20°C to +60°C
Max Pulse Frequency.....	7 Hz
Min LED Flash Duration.....	0.1sec

Owing to periodical improvements of our products the supplied products can differ in some details from the data stated in the prospectus material.



Please contact Enica on:

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