

Overview

EcoChirp is a low cost, easy to install, durable pulse transmitter that forms part of the Energy Management data collection system. The market leading transmitter is used for monitoring and targeting of leakage, pressure and consumption to name a few. There are a selection of variations e.g. dual input, ATEX certified versions.

Operational

EcoChirp counts pulses from meter-head or reed switch type output utility meters (e.g. electricity and water). The stored data can be sent via a Wi5 data hub. The transmit or "chirp" consists of a secure data packet along with a status and unique ID address at regular intervals (various transmission times available).

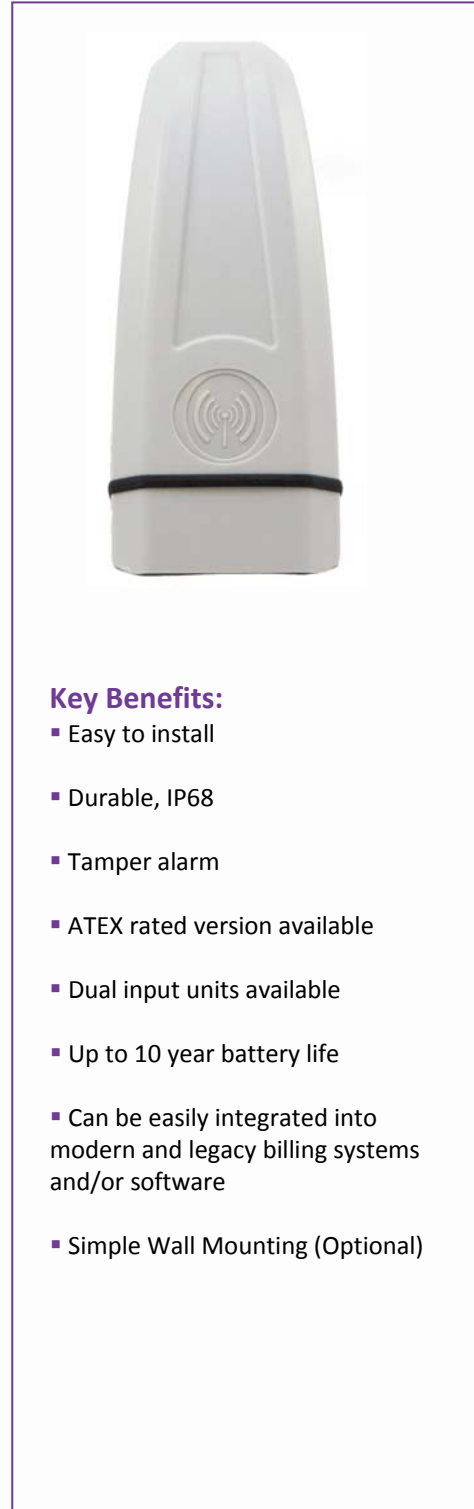
Specific versions will transmit a tamper alarm in the data packet alerting the end user of the current condition. Other information such as low battery warning is also provided on all variants.

Long Life

The transmitter uses long life Lithium cells to achieve a product life span of up to 10 years service. Additionally it has a long service life capable of extreme environmental conditions (rated to IP68).

Remote Viewing

Data can send data directly into customer specific FTP or use HWM-Online service. HWM's secure web based portal collects the received data to be processed and displayed.



Key Benefits:

- Easy to install
- Durable, IP68
- Tamper alarm
- ATEX rated version available
- Dual input units available
- Up to 10 year battery life
- Can be easily integrated into modern and legacy billing systems and/or software
- Simple Wall Mounting (Optional)

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Energy Management

EcoChirp

• FLOW MEASUREMENT • DATA LOGGING • LEAK DETECTION • PRESSURE CONTROL • ENVIRONMENTAL MONITORING • AMR • ENERGY MANAGEMENT

Technical Data	
Transmission Frequency	153.1MHz
Transmit Interval	15mins (other intervals available)
Bandwidth	25kHz
Output Power	250mW Typically
Operating Range	2km (Line-of-Sight)
Modulation	Narrow Band FM
Battery Life	Up to 10 Years
Protection Rating	IP68
Approvals	CE, R&TTE Directive
Antenna	Integral Helical ¼ Wavelength
Dimensions	56 x 67.5 x 185mm
Weight	Approx. 375g for unit dependant on model
Mounting	Bracket (Optional)

Order Codes	
	Pulse Transmitter
485-001-V2	153MHz Single Input Pulse Transmitter
485-010-V2	153MHz Dual Input Pulse Transmitter
482-010-V2	169MHz Single Input Pulse Transmitter
485-017-V2	169MHz Dual Input Pulse Transmitter

LITHIUM BATTERIES

If batteries are exposed - do not short circuit, recharge, puncture, incinerate, crush, immerse, force discharge or expose to temperatures above the declared operating temperature range of the product. Risk of fire or explosion. These batteries are sealed units which are not hazardous when used according to the recommendations of the manufacturer.

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HWM reserves the right to change any product specification without prior notice