



Current Clamp – rl4601

Need to monitor your energy consumption but don't want the hassle of wired installation on site? Hanwell's new iSense energy range uses tried and tested Hanwell radio technology to monitor your energy usage remotely through point-to-point radio (PTP). With the added benefit that the current clamps can be added without disconnecting existing wiring.

iSense energy will assist in diagnosing and eliminating areas of wasted energy and accurately report on costs and trends directly from the data it collects. The software allows up-to eight different tariffs to be created allowing an accurate costing of energy use over periods of time and for particular pieces of equipment and/or areas of concern.

This fast and reliable data transfer will allow automatic archiving of data onto a server. This can be done in two ways; though a LAN enabled retrieving base station or a receiving point with a direct USB PC connection. Both enable live data views to be available through compatible windows based software Radiolog.

Limitless sensors can be added to a system to cover a site of any size or physical make up.

The iSense energy unit is part of the 4000 range of advanced radio transmitters. They allow wire-free monitoring of a site, with real time and historical analysis of data. Each unit measure the output from current clamps providing reliable information about energy usage and cost. This data is transmitted, at user-defined intervals, to the Radiolog system where it is filed for analysis. Each 4000 radio transmitter has enough internal memory to store up to 100,000 readings and is in fact continually logging.

iSense energy is powered by a single 3.6 volt AA Lithium battery which is user changeable and recommended to be changed yearly. Replacing the battery when the logger is connected to the PC allows the logging session to continue uninterrupted. The molded case allows easy access to the battery and USB socket, as well as having slots to fit onto secure wall brackets.



Clamp meter

The 4000 range has been designed to comply with the RoHS and WEEE EU directives, and carries the CE mark.



Benefits

- Easy installation without any interference with mains
- Reduces energy costs
- Reduces carbon footprint
- Wireless communication for cost effective install
- Detailed analysis of usage and costs
- Compatible with existing Hanwell systems

Typical Applications

- Energy reduction
- Energy studies
- Energy monitoring



Product Code **r14601**

Series **r14000**

Instruments

Dimensions: 110 x 80 x 35 mm

Weight: 200 grams

Power Supply: 3.6 volt AA Lithium battery

Battery Life: 18 months

Case Materials: ABS & PC

Memory Capacity: 100,000 readings

N.B. Instrument operating range -10°C to +70°C in a non-condensing RH environment

Current Transformers

Type: DC current transformers 0-5 volts

Resolution: 50mA per bit

Maximum Count: 4094

Accuracy: +/-2.5%

Minimum Measurement Period: 1 second

Measurement Types: Instantaneous, Average & Events

Current Range: 0-120 amps – current clamps

No. of Channels: 3

Connection: 6 way Plastic Lemo



Disclaimer

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Historical data can be downloaded via a USB cable directly to a local PC for analysis



Tempon Instrumentation Ltd.
 Unit 19, Ford Lane Business Park, Ford Lane
 Ford, Nr. Arundel, West Sussex. BN18 0UZ
 Tel: ++44 (0) 1243 558270 Fax: ++44 (0) 1243 558288
 Email: info@tempon.co.uk Web site: www.tempon.co.uk

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