

RL4601 transmitter

Pro Utility Series



Part of the **Hanwell Pro** Utility range the RL4601 wireless data loggers measure the output of current clamps. These units are configured to work with a choice of 4 current clamps, detailed below.

Product Features

- ✓ British designed and manufactured
- ✓ High performance technology
- ✓ Logger memory capacity of 20,000 readings per channel
- ✓ Three channel current clamp inputs
- ✓ Low power radio for long distance transmission (over 3km over open ground)
- ✓ Easily accessible battery and USB socket
- ✓ Supports (optional) hidden wall brackets
- ✓ Up to 2 years battery life
- ✓ Complies with RoHS, EU directives and WEEE
- ✓ Carries CE Marking
- ✓ Superior performance hardware with high accuracy sensors

Typical Applications

- Analysis of kilowatts/hrs



Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.

Product code: RL4601-434.075 (see below for more information)

Accessories

Y119	Wall mounting bracket
88706	AA Lithium battery

Radio transmitter functions

Frequency options	A range of frequencies are available between 433-458MHz. Country specific regulations apply.
Radio power	10mW
Radio range	3km over open ground
Battery life	Up to 2 years (dependent on conditions of use and instrument settings)
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options **Compatible with Synergy onward; patch required for Synergy and EMS prior to versions 1.0.10 / 2.0.3
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

Instrumentation specification

Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	3.6V AA Lithium battery
Case material	ABS & PC
Memory capacity	20,000 readings per channel (unit will not wrap when full)
Clock accuracy (logging)	20ppm @ 25°C
Accuracy	+/- 2% between 10% and 100%
Resolution	50mA
Instrument operating range	-20°C to +65°C (non-condensing RH environment)
Storage Temperature	-40°C to +65°C
IP Rating	IP30

Manufactured by Hanwell | Ellab   RoHS

Version 5 - EC200007

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Clamp options (supplied separately)

J091 Switchable split core CT Sensor

Ranges	0-30A, 0-60A and 0-120A
Max. cable diameter	22mm
Dimensions	70 (W) x 74 (H) x 25 (D) mm



J135 Single range split core CT Sensor

Range	5A
Max. cable diameter	10mm
Dimensions	25 (W) x 50 (H) x 35 (D) mm



J134 Single range split core CT Sensor

Range	50A
Max. cable diameter	10mm
Dimensions	25 (W) x 50 (H) x 35 (D) mm



J139 Single range split core CT Sensor

Range	100A
Max. cable diameter	10mm
Dimensions	25 (W) x 50 (H) x 35 (D) mm

