

HL4601 data logger

Pro Utility Series

Part of the **Hanwell Pro** Utility range the HL4601 data loggers measure the output of current clamps providing fast and reliable information about energy usage and cost. These data loggers 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 33,333 readings per channel
- ✓ Three channel current clamp inputs
- ✓ Easily accessible battery and USB socket
- ✓ Supports (optional) hidden wall brackets
- ✓ Up to 3 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
- Measurement of cubic meters of gas
- Control litres of water consumed

Free HanLog software



Compatible with Hanwell EMS

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	33,333 readings per channel (unit can be set to wrap or stop 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



Water



Gas



Electricity

Product code: HL4601 (see below for more information)

Product codes	See page 2 for current clamp specifications
HL4601-MRC	(for use with J091 current clamp)
HL4601-05A	(for use with J135)
HL4601-50A	(for use with J134)
HL4601-100A	(for use with J139)

Data Logger Functions	
Logging Intervals	Programmable from 10 seconds to 24 hours
Record Capacity	33,333 readings per channel
Battery life	Up to 3 years (depending on format of data retrieval)
PC Interface	USB Communications
Software required	W200 – HanLog 4.5+ Software Package

Accessories	
Y119	Wall mounting bracket
88706	AA Lithium battery
Y055	USB Cable

Manufactured by Hanwell | Ellab RoHS

Version 2 - EC190194

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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



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