

HL4602 data logger

Pro Utility Series



Water



Gas



Electricity

Part of the Hanwell Pro Utility series, the HL4602 outdoor data loggers are designed for use with one of four current clamps to provide energy usage information. We advise you contact us regarding your specific application to ensure you use the correct clamp.

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

Product code: HL4602

Instrumentation specification	
Dimension (Excl. ancillaries)	110 x 100 x 60mm
Weight	600 grams (including battery pack)
Power supply	2 x Alkaline D cell batteries
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
Instrument operating range	-20°C to +60°C (non-condensing RH environment)
Instrument storage temperature	-40°C to +60°C
Accuracy	+/- 2% between 10% and 100%
Resolution	50mA
IP Rating	IP65 (external glands IP68)

Product codes	See page 2 for current clamp specifications
HL4602-MRC	(for use with J091 current clamp)
HL4602-05A	(for use with J135)
HL4602-50A	(for use with J134)
HL4602-100A	(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 3 - 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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