

HL4106 data logger

Pro HL4000RH/T Series

Part of the **Hanwell Pro** HL4000RHT Series, the HL4106 combines temperature and humidity measurement using onboard sensors. The instrument includes LCD display.

Features

- ✓ Combined temperature & humidity measurement
- ✓ LCD display with data readings & battery life
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Easily accessible battery & USB socket
- ✓ Logger memory capacity of 50,000 readings per channel
- ✓ Up to 3 year battery life
- ✓ Complies with RoHS, EU & WEEE directives
- ✓ Carries CE Marking

Typical Applications

- Dry storage
- Ambient room conditions

Free HanLog software



Compatible with Hanwell EMS



Temperature



Humidity



Data logger

Instrumentation specification	
Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	1 x 3.6V AA Lithium battery
Case material	ABS & PC
Memory capacity	50,000 readings per channel (unit can be set to wrap or stop when full)
Clock accuracy (logging)	20 ppm at 25°C
IP Rating	IP30
Instrument measuring range	-20°C to +60°C
Instrument operating range	-20°C to +60°C in a non-condensing RH environment
Instrument storage temperature	-40°C to +60°C
Resolution	0.1°C (temp), 0.1%RH (humidity)

Data Logger Functions	
Memory	4MB Flash
Logging Intervals	Programmable from 10 seconds to 24 hours
Record Capacity	50,000 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 W300 – HanLog 4.5+ Validated Software Package for Industrial, Food, Pharma & Hospital

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

Product code: HL4106

Manufactured by Hanwell | Ellab RoHS

Version 2 - EC190020

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Sensor options (supplied with unit)

Internal temperature sensor Precision Thermistor

Operating range	-20°C to +60°C (restricted by instrument operating range)
Accuracy	+/- 0.3°C
Long term drift	< 0.1°C per year

Fixed humidity sensor Capacitive Polymer

Operating range	10-90% RH non condensing
Accuracy	+/- 3% RH
Temperature dependence	$<(0.025+0.0003 \times RH)[\%RH/^{\circ}C]$

