

HL4108 data logger

Pro HL4000RH/T Series

Part of the **Hanwell Pro** HL4000RHT Series, the HL4108 combines temperature and humidity measurement using onboard sensors with the option of connecting a remote temperature probe. 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 33,333 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
- Surface temperature

Free HanLog software



Compatible with Hanwell EMS

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	33,333 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 operating range	-20°C to +65°C in a non-condensing RH environment
Storage temperature	-40°C to +60°C
Resolution	0.1°C (temp), 0.1%RH (humidity)



Product code: HL4108

Data Logger Functions	
Memory	4MB Flash
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



Temperature



Humidity



Data logger

Ultimate peace of mind



RoHS

Version 1 - EC180002

Disclaimer: The information contained herein is believed to be reliable. Hanwell Ltd is not responsible for any Customers should obtain and verify the latest relevant information before placing orders for Hanwell products.

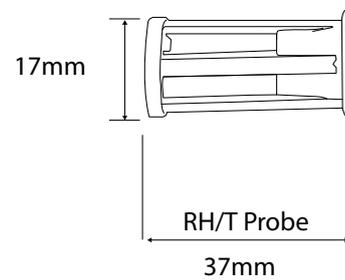
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Sensor options

Onboard sensors (supplied with unit)

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

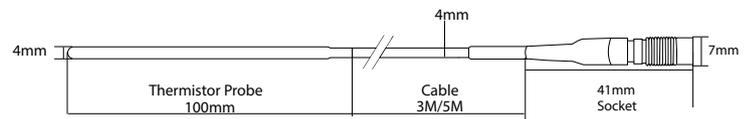
Fixed relative humidity sensor	Capacitive Polymer
Operating range	10-90% RH non condensing
Accuracy	+/- 3% RH
Temperature dependence	<(0.025+0.0003xRH)[%RH/°C]



Additional sensors (supplied separately)

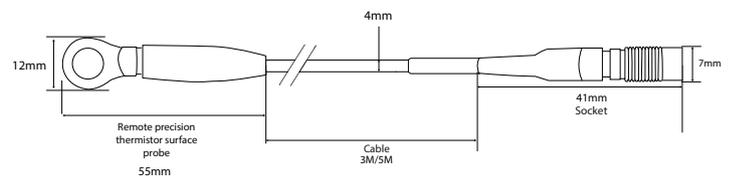
J095-3-05/J095-5-05 Remote precision thermistor probe 3mtr/5mtr (other cable lengths available)

Probe operating range	0°C to +125°C (restricted by instrument operating range)
Accuracy	+/- 0.1°C between -10°C to +40°C +/- 0.3°C outside these extremes
Long term drift	< 0.1°C per year



Y306-3-05/Y306-5-05 Remote precision thermistor surface probe (3mtr/5mtr)

Probe operating range	0°C to +125°C (restricted by instrument operating range)
Accuracy	+/- 0.1°C between -10°C to +40°C +/- 0.3°C outside these extremes
Long term drift	< 0.1°C per year



Ultimate peace of mind **RoHS**

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