HL4401/02 data logger

Pro 4000T Series

Part of the **Hanwell Pro** HL4000T Series, the HL4401/02 is a temperature data logger for 4 wire PT100 sensors, 5 pin Lemo socket and includes LCD display and memory capacity.

Temperature

Data logger

Features

✓ Single/Dual Channel PT100 instrument
✓ LCD display with data readings & battery life
✓ Superior performance hardware & high accuracy sensors
✓ Easily accessible battery & USB socket
✓ Logger memory capacity of 100,000 readings (single channel unit) and 50,000 readings per channel (dual channel unit)
✓ Up to 3 year battery life
✓ Complies with RoHS, EU & WEEE directives
✓ Carries CE Marking

Typical Applications

• Fridges
• Freezers
• Chillers

Photo shows HL4401 single channel PT100 variant

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
Battery life	Up to 3 years (depending on format of data retrieval)
Case material	ABS & PC
Clock accuracy (logging)	20 ppm at 25°C
Instrument measuring range	-200°C to +110°C (Dependent on probe selection)
Instrument operating range	-20°C to +60°C (non-condensing RH environment)
Instrument storage temperature	-40°C to +60°C
IP Rating	IP30
Accuracy	+/- 0.1°C
Resolution	0.1°C

Product codes

HL4401	Single channel logger (Unit only)
HL4402	Dual channel logger (Unit only)
Y119	Wall mounting bracket
88706	AA Lithium battery
Y055	USB Cable
Probe options	Please refer to the Hanwell Pro Sensor datasheet

Data Logger Functions

Logging Intervals	Programmable from 10 seconds to 24 hours
Record Capacity	100,000 readings single channel unit 50,000 readings per channel for dual channel unit Unit can be set to wrap or stop when full
PC Interface	USB Communications
Software required	W200 – HanLog 4.5+ Software Package W300 – HanLog 4.5+ Validated Software Package for Industrial, Food, Pharma & Hospital
Software compatibility	**HL4401 and HL4402**: **EMS** - All Versions **Synergy** - All Versions **RadioLog 8**

hanwell.com

Tel: +44 (0)1462 688070 | Email: sales.hanwell@ellab.com