

HL4001/02 data logger

Pro 4000T Series

Part of the **Hanwell Pro** HL4000T Series, the HL4001/02 is a temperature data logger including LCD display and large memory capacity.

Features

- ✓ Single/Dual Channel Thermistor 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

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	-40°C to +60°C
Instrument operating range	-20°C to +60°C (non-condensing RH environment)
Instrument storage temperature	-40°C to +60°C
IP Rating	IP30
Resolution	0.1°C
Unit accuracy	+/- 0.1°C



Photo shows HL4001 single channel unit shown with optional Y300 probe



Temperature



Data logger

Product codes	
HL4001	Single channel logger (Unit only)
HL4002	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	HL4001 and HL4002: EMS - All Versions Synergy - All Versions RadioLog 8