

# HL4007 data logger

## Pro 4000T Series

Part of the **Hanwell Pro** HL4000T Series, the HL4007 is a single channel temperature data logger with fitted internal temperature sensor, LCD display and a memory capacity for 100,000 readings as standard.

### Features

- ✓ Single 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
- ✓ Up to 3 year battery life
- ✓ Complies with RoHS, EU & WEEE directives
- ✓ Carries CE Marking

### Typical Applications

- Dry Storage
- Ambient Room

**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     | -20°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   |
| Memory                         | 4MB Flash   |



Product code: HL4007

| Product codes |                       |
|---------------|-----------------------|
| Y119          | Wall mounting bracket |
| 88706         | AA Lithium battery    |
| Y055          | USB Cable             |

| Data Logger Functions |  |
|-----------------------|--|
| Logging Intervals     | Programmable from 10 seconds to 24 hours   |
| Record Capacity       | 50,000 readings per channel<br>Unit can be set to wrap or stop when full   |
| PC Interface          | USB Communications   |
| Software required     | W200 – HanLog 4.5+ Software Package<br>W300 – HanLog 4.5+ Validated Software Package for Industrial, Food, Pharma & Hospital |



Temperature



Data logger

Manufactured by Hanwell | Ellab   **RoHS**

Version 4 - EC190194

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# Sensor (supplied with unit)

## Fixed temperature sensor

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