

ML4108 data logger

Pro ML4000RH/T Series

Part of the **Hanwell Pro** ML4000RHT Series, the ML4108 combines temperature and humidity measurement using onboard sensors with the option of connecting a remote temperature probe. The instrument includes LCD display.



Temperature



Humidity



Data logger

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

- Showcases
- Ambient room conditions
- Stored collections

Free HanLog software



Compatible with Hanwell EMS



Product code: ML4108

Instrumentation specification

Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	1 x 3.6V AA Lithium battery
Battery life	Up to 3 years (depending on format of data retrieval)
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 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)
Memory	4MB Flash

Data Logger Functions

Logging Intervals	Programmable from 10 seconds to 24 hours
Record Capacity	33,333 readings per channel
PC Interface	USB Communications
Software required	W200 – HanLog 4.5+ Software Package
Software compatibility	EMS - All Versions Synergy - All Versions RadioLog 8

Product codes

88706	AA Lithium battery
Y119	Wall mounting bracket
Y055	USB Cable
Probe options	Please refer to the Hanwell Pro Sensor datasheet

Manufactured by Ellab Monitoring Solutions



RoHS



Version 6 - EC210080

Disclaimer: The information contained herein is believed to be reliable. Ellab Monitoring Solutions Ltd is not responsible for any incorrect or incomplete information on this datasheet and the information or product may be changed without notice. Customers should obtain and verify the latest relevant information before placing orders for Hanwell products.

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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]

