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## ML4106 data logger

Pro ML4000RH/T Series

Part of the Hanwell Pro ML4000RHT Series, the ML4106 combines temperature and humidity measurement using onboard sensors. The instrument includes LCD display and discreet design.

#### Features

- Combined temperature & humidity measurement
- ✓ LCD display with data readings & battery life
- ✓ Superior performance hardware & high accuracy sensors
- Easily accessible battery & USB socket
- $\checkmark$  Logger memory capacity of 50,000 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

	Instrumentation	specification
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110 x 80 x 35mm Dimension (Excl. ancillaries)

Dimension (Excl. anchianes)	110 X 60 X 5511111
Weight	200 grams
Power supply	1 x 3.6V AA Lithium battery
Case material	ABS & PC
Memory capacity	50,000 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)



#### Product code: ML4106

Data Logger Functions	
Memory	4MB Flash
Logging Intervals	Programmable from 10 seconds to 24 hours
Record Capacity	50,000 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
Software compatibility	EMS - All Versions Synergy - All Versions RadioLog 8
Accessories	
Y119	Wall mounting bracket
88706	AA Lithium battery
Y055	USB Cable

#### Manufactured by Ellab Monitoring Solutions



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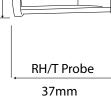
#### hanwell.com



### Sensor options (supplied with unit)

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

# Fixed humidity sensor Capacitive Polymer Operating range 10-90% RH non condensing Accuracy +/- 3% RH Temperature dependence <(0.025+0.0003xRH)[%RH/°C]</td> 17mm



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Version 4 - EC210080

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