

# 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
- ✓ 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	
Dimension (Excl. ancillaries)	110 x 80 x 35mm
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

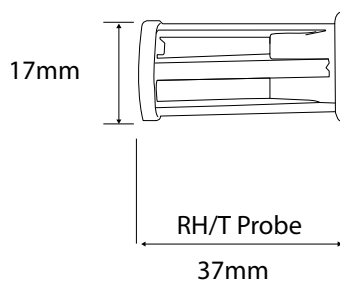
Data Logger Functions	
Memory	4MB Flash
Logging Intervals	Programmable from 10 seconds to 24 hours
Record Capacity	50,000 readings per channel
Battery life	Up to 3 years (depending on format of data retrieval)
PC Interface	USB Communications
Software required	W200 – HanLog 8.1+ Software Package
Software compatibility	<b>EMS</b> - All Versions <b>Synergy</b> - All Versions <b>RadioLog 8</b>

Accessories	
Y119	Wall mounting bracket
88706	AA Lithium battery
Y055	USB Cable

# 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 (over range +5°C to +60°C*)
Temperature dependence	<(0.025+0.0003xRH)[%RH/°C]



\* +/- 3% RH accuracy cannot be guaranteed outside this temperature range