

# ML4702 data logger

## Pro ML4700 LUX/UV Series



LUX



Data logger

Part of the **Hanwell Pro** ML4000LUX/UV series, the ML4702 data logger accurately measures light (LUX) using a remote sensor.

### Features

- ✓ Accurate light (LUX) measurement
- ✓ 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

- Museum artefact preservation
- Medical supply storage

Free HanLog software



Compatible with Hanwell EMS



Product code: ML4702

### 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	100,000 readings per channel (unit can be set to wrap or stop when full)
Clock accuracy (logging)	20ppm @ 25°C
IP Rating	IP30
Instrument operating range	0°C to +50°C in a non-condensing RH environment
Instrument storage temperature	-40°C to +60°C

### Data Logger Functions

Memory	4MB Flash
Logging Intervals	Programmable from 10 seconds to 24 hours
Record Capacity	100,000 readings
Battery life	Up to 3 years (dependent on conditions of use and instrument settings)
PC Interface	USB Communications
Software required	W200 – HanLog 4.5+ Software Package

### Accessories

88706	3.6V AA Lithium battery
Y055	USB cable
Y119	Wall mount bracket

Manufactured by Hanwell | Ellab   RoHS

Version 2 - EC190194

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# Sensor (supplied with unit)

LUX sensor	Photometric diode detector
Visible wavelength	400 to 700nm
Visible range	10 to 5000 LUX
Colour response	Human eye (Match to CIE Curve =5%)
Linearity	1%
Angular response	Cosine
Long term drift	<1%FS per year

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