

ML4701 data logger

Pro ML4700 LUX/UV Series



LUX



Data logger

Part of the **Hanwell Pro** ML4000LUX/UV series, the ML4701 data logger accurately measures light (LUX) using an onboard 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: ML4701

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
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
Software compatibility	EMS - All Versions Synergy - All Versions RadioLog 8

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

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