

RL4107 transmitter

Pro RL4000RH/T Series

Part of the **Hanwell Pro** RL4000RHT Series, the RL4107 combines temperature and humidity measurement using an integral Sensiron SHT35 sensor with the option of connecting a flood probe. The Unit includes and LCD display and utilises the 434.075MHz frequency as standard.

Features

- ✓ Combined temperature & humidity measurement
- ✓ Damp & leak detection
- ✓ LCD display with 50,000 data readings per channel & up to 2 years battery life
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Easily accessible battery & USB socket
- ✓ Low power radio for long distance transmission (3km over open ground)
- ✓ Complies with RoHS, EU & WEEE directives
- ✓ Carries UKCA and CE Marking

Typical Applications

- Dry storage
- Ambient room conditions
- Damp & leak detection

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.



- Temperature
- Humidity
- Flood
- Radio transmitter

Product code: RL4107-434.075

Instrumentation specification

Dimension	110 x 80 x 35mm (Excl. ancillaries)
Weight	200 grams
Power supply	1 x 3.6V AA Lithium battery
Battery life	Up to 2 years (dependent on conditions of use and instrument settings)
Case material	ABS & PC
Memory capacity	50,000 readings per channel (unit will wrap when full)
Clock accuracy (logging)	20 ppm at 25°C
IP Rating	IP30

System Temperature Accuracy (Transmitter Unit + Sensor) Sensiron SHT35 Probe

Temperature accuracy	+/- 0.3°C at -20°C to +60°C
Long term drift	<0.03°C/yr

System Humidity Accuracy (Transmitter Unit + Sensor) Sensiron SHT35 Probe

Humidity accuracy	+/- 3%RH at +25°C
Humidity range	0 - 100% RH
Long-term drift	<0.25% RH/yr

Transmitter Unit

Measuring range	Temp: -20°C to +60°C RH: 0-100% non-condensing
Operating range	-20°C to +60°C (in a non-condensing RH environment)
Storage temperature	-40°C to +60°C
Resolution	Temp: 0.1°C RH: 0.1%

Note: RH and T only recorded on internal logging, not flood

Radio transmitter functions

Frequency options	A range of frequencies are available between 433-458MHz. Country specific regulations apply.
Radio power	10mW
Radio range	3km over open ground
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options
Software compatibility	EMS - All Versions
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

Product codes

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

Manufactured by Ellab Monitoring Solutions



Version 7 - EC210068

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