

RL4001/02 transmitter

Pro 4000T Series

Part of the **Hanwell Pro** RL4000T Series, the RL4001/02 is a temperature transmitter including LCD display and 434.075MHz frequency as standard.



Features

- ✓ Single/Dual Channel Thermistor instrument
- ✓ LCD display with data readings & 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 CE Marking

Typical Applications

- Fridges
- Freezers
- Chillers



Photo shows RL4001-434.075 (single channel unit)
Other frequencies are available

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.

Instrumentation specification

Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	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	100,000 readings single channel unit 50,000 readings per channel for dual channel unit Unit will wrap when full
Clock accuracy (logging)	20 ppm at 25°C
Instrument measuring range	-40°C to +60°C
Instrument operating range	0°C to +60°C (non-condensing RH environment)
Instrument storage temperature	-40°C to +60°C
IP Rating	IP30
Unit accuracy	+/- 0.1°C

Product codes

RL4001	Single channel logger (Unit only)
RL4002	Dual channel logger (Unit only)
Y119	Wall mounting bracket
88706	AA Lithium battery

Probe options [Please refer to the Hanwell Pro Sensor datasheet](#)

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	RL4001 and RL4002: EMS - All Versions Synergy - All Versions RadioLog 8
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater