

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

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.



Temperature



Radio transmitter



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

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

Manufactured by Hanwell | Ellab RoHS

Version 4 - EC200118

Disclaimer: The information contained herein is believed to be reliable. Hanwell Solutions Ltd. is not responsible for any incorrect or incomplete information on this datasheet and the information or product may be changed without notice. Customers should obtain and verify the latest relevant information before placing orders for Hanwell products.

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