

RL4007 transmitter

Pro 4000T Series

Part of the **Hanwell Pro** RL4000T Series, the RL4007 is a single channel temperature transmitter with fitted internal temperature sensor, LCD display and 434.075MHz frequency as standard.

Features

- ✓ Single channel temperature 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

- Dry storage
- Ambient room

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.



Temperature



Radio transmitter

Instrumentation specification	
Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	3.6V AA Lithium battery
Case material	ABS & PC
Memory capacity	100,000 readings per channel (unit will wrap when full)
Clock accuracy (logging)	20 ppm at 25°C
Instrument measuring range	-20°C to +60°C
Instrument operating range	-20°C to +60°C (non-condensing RH environment)
Instrument storage temperature	-40°C to +60°C
IP Rating	IP30
Resolution	0.1°C

Product code: RL4007-434.075 (other frequencies are available)

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
Battery life	Up to 2 years (dependent on conditions of use and instrument settings)
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options
Software compatibility	EMS - All Versions Synergy - All Versions RadioLog 8
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater
Accessories	
Y119	Wall mounting bracket
88706	AA Lithium battery

Manufactured by Ellab Monitoring Solutions



RoHS



Version 6 - EC210079

Disclaimer: The information contained herein is believed to be reliable. Ellab Monitoring 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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Sensor (supplied with unit)

Fixed temperature sensor

Operating range	-20°C to +60°C (restricted by instrument operating range)
Accuracy	+/- 0.3°
Long term drift	< 0.1°C per year