

RL4410 transmitter

Pro 4000T Series

Part of the **Hanwell Pro** RL4000T Series, the RL4410 temperature transmitter is for use with a light duty door switch and a PT100 sensor, LCD display and 434.075MHz frequency as standard.

Features

- ✓ Single Channel PT100 instrument
- ✓ LCD display with data readings & battery life
- ✓ Door ajar/open event logs
- ✓ 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.

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 unit will wrap when full
Clock accuracy (logging)	20 ppm at 25°C
Instrument measuring range	-200°C to +110°C (Dependent on probe selection)
Instrument operating range	-20°C to +60°C (non-condensing RH environment)
Instrument storage temperature	-40°C to +60°C
IP Rating	IP30
Unit accuracy	+/- 0.1°C
Resolution	0.1°C

Note: Door status is only recorded on internal logging at User pre-set logging interval, radio transmits door status on status change



Product code RL4410-434.075 , other frequencies are available

Product codes	
RL4410	Single channel (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	EMS - From Version 1.0.11 inclusive Synergy - From Version 2.0.4 inclusive
	Note: It is possible to add this unit to Synergy 1.7.3 and versions of EMS prior to 1.0.11 by updating sensordefs.xml in either application and clicking Sensor Models in the config utility. <i>Please contact us on: support.hanwell@ellab.com for advice on this before buying.</i>
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

Manufactured by Hanwell | Ellab RoHS

Version 4 - EC200118

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This unit used with Hanwell manufactured door switches are guaranteed to function correctly. Alternatively, other inputs should comply with the following specification and an interface cable is available upon request:

Max load capacitance	5nF
Max impedance	100R