

RL4512 transmitter

Pro RL4000CO₂ Series

Part of the **Hanwell Pro** RL4000RHT Series, the RL4512 combines CO₂ and temperature using high accuracy external sensors. The instrument includes LCD display and 434.075MHz frequency as standard.

Features

- ✓ Combined CO₂ and temperature measurement
- ✓ LCD display with 50,000 data readings per channel
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Low power radio for long distance transmission (3km over open ground)
- ✓ Complies with RoHS, EU & WEEE directives
- ✓ Carries CE Marking

Typical Applications

- Laboratory incubators

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.



Carbon Dioxide



Temperature



Radio transmitter

Product code: RL4512-434.075

Instrumentation specification

Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	External 12V DC
Case material	ABS & PC
Battery	3.6V Half AA (The battery should only be used for downloading data from the unit and setting up of the unit.)
Memory capacity	50,000 readings per channel (unit will wrap when full)
Clock accuracy (logging)	20 ppm @ 25°C
IP Rating	IP30
Resolution	0.1°C
Instrument measuring range	-40°C to +60°C
Instrument operating range	-20°C to +60°C in a non-condensing RH environment
Instrument storage temperature	-40°C to +60°C
Unit accuracy	+/- 0.1°C

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 *Synergy: W700 from Version 1.7.3 inclusive. W706 from Version 2.2.0 inclusive *Note: Customers with Synergy W706 Versions 2.2.0 and 2.3.0 will need the Sensor List Upgrade for RL4512 patch. <i>Please contact us on: support.hanwell@ellab.com for this patch.</i>
Hardware required	SR2 – Smart Receiver REP – Repeater

Product codes

Y119	Wall mounting bracket
Probe options	Please refer to the Hanwell Pro Sensor datasheet