

RL416 transmitter

Hanwell Pro Series

Part of the Hanwell Pro series, the RL416 temperature and humidity transmitter provides a slimline solution for discreet or space restricted monitoring.

Features

- ✓ Wireless transfer
- ✓ Combined temperature & humidity measurement
- ✓ High performance technology
- ✓ Low power radio for long distance transmission (1km over open ground)
- ✓ User accessible battery
- ✓ Complies with RoHS, EU and WEEE directives
- ✓ Carries CE and UKCA Marking

Typical Applications

- Dry storage
- Ambient room conditions
- Showcases and display cabinets within museums



Humidity



Temperature



Radio transmitter

Product code: RL416-434.075 (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)	105 x 65 x 19mm
Weight	100 grams (without battery)
Power supply	2 x AAA Alkaline battery
Case material	ABS
IP Rating	IP30
Instrument operating range	-10°C to +55°C
Storage temperature	-40°C to +60°C

Accessories	
Y125	Wall mounting bracket
88715	AAA Alkaline battery

Radio transmitter functions	
Frequency options	A range of frequencies are available between 433-458MHz. Country specific regulations apply.
Radio power	10mW
Radio range	1km over open ground
Battery life	Up to 1 year (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
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

Note: The RL416 is not a direct replacement for the discontinued RFBug. The RL416 should be added to EMS or Synergy as Family Type: **Hanwell Pro Radio** and Sensor Type: **Thermistor/RH**; readings will be incorrect if the Unit is added to EMS or Synergy as an RFBug.

Sensors (supplied with unit)

Internal temperature sensor	Precision Thermistor
Operating temperature range	-10°C to +55°C (restricted by instrument operating range)
Accuracy	+/- 0.3°C
Long term drift	< 0.1°C per year

Fixed humidity sensor	Capacitive Polymer
Operating RH range	5% to 100% RH non condensing
Accuracy	+/- 3% RH

