

RL4114 transmitter

Pro RL4000RH/T Series

Part of the **Hanwell Pro** RL4000RHT Series, the RL4114 combines high accuracy temperature and humidity measurement using an EE07 probe. The instrument includes LCD display and 457.600MHz frequency as standard.

Features

- ✓ Combined temperature & humidity measurement
- ✓ LCD display with 50,000 data readings & up to 2 years battery life
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Easily accessible battery & USB socket
- ✓ Low power radio for long distance transmission (approx. 10,000 ft. over open ground)
- ✓ Complies with RoHS to 2011/65/EU (RoHS2) directive and FCC regulation
- ✓ Carries CE and UKCA Marking

Typical Applications

- Dry storage
- Ambient room conditions

Always ask for a long-range signal strength test.



We can prove ours to be unrivaled.



Humidity

Radio transmitter

Product code: RL4114-457.600

Instrumentation specification

Dimension	4.3 x 3.1 x 1.4 in. (Excl. ancillaries)
Weight	7.1 oz.
Power supply	3.6V AA Lithium battery
Case material	ABS & PC
Memory capacity	50,000 readings (<i>unit will wrap when full</i>)
Clock accuracy (logging)	20 ppm at 77°F
IP Rating	IP30

System Accuracy (Transmitter Unit + Sensor)

Temperature accuracy	+/- 0.2°F at 68°F (<i>see Temp Accuracy chart</i>)
Humidity accuracy	+/- 2% (0-90%) +/- 3% (90-100%)

Transmitter Unit

Measuring ranges	-4°F to +140°F if using an integral, onboard, probe -40°F to +140°C if using a compatible external probe, connected via an extension cable
Operating ranges	-4°F to +149°F (<i>in a non-condensing RH environment</i>)
Storage temperature	-40°F to +140°F
Resolution	Temp: 0.2°F RH: 0.2%

Radio transmitter functions

Frequency range	457.5 to 457.9 457MHz. Only certain frequency channels are FCC approved, license will be required.
Radio power	10mW
Radio range	Approx. 10,000 ft. 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
Hardware required	CR2 / CR3 – Controller SR2 – Smart Receiver REP – Repeater

Product codes

88706	AA Lithium battery
Y119	Wall mounting bracket

Probe options [Please refer to the Hanwell Pro Sensor datasheet](#)

Ultimate peace of mind



Version 5 - EC210069

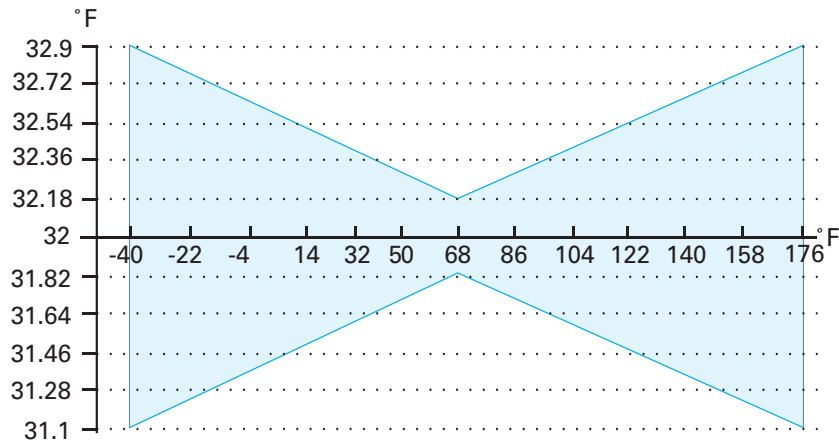
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Temperature accuracy chart

Refers to EE07 Probes (J140 and J223)



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RoHS



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