

# IN-RH001F1

## RH/T transmitter

The Hanwell IceSpy RH/T transmitter is flexible, reliable and waterproof to IP65\*. It has been designed to offer a comprehensive range of temperature and humidity options for multiple applications across food, healthcare and pharmaceutical industries.

*\*RH sensor requires exposure to the atmosphere*

### Features

- ✓ Vast range of units and sensors provide users with multiple temperature related applications
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Easily accessible battery for replacement by the user, when required
- ✓ Transmitters incorporate a wall bracket
- ✓ Low power radio for long distance transmission
- ✓ Up to 2 year battery life (dependent on use)
- ✓ Complies with RoHS, EU & WEEE directives
- ✓ Carries CE Marking
- ✓ Complies with BS EN 12830

### Typical Applications

- Monitoring drying conditions in food processing
- Monitoring of stability chambers
- Monitoring of storage facilities

### Instrumentation specification

Dimension (Excl. ancillaries)	130 x 65 x 32 mm (40 including mounting bracket)
Weight	150 grams (including battery)
Case material	ABS
Power supply	1 x 1.5V AA Lithium battery
Battery life	Up to 2 years (dependent on conditions of use)
Memory capacity	On board logging capability for 5 days
Nominal logging interval	10 minutes
IP rating	IP65*
System Accuracy	+/- 3°C
Instrument operating range	-30°C to +50°C in a non-condensing RH environment
Instrument storage temperature	-40°C to +85°C

\*The transmitter body meets the criteria for IP65, however individual sensors will carry a different IP rating depending on the sensors physical properties



Product code: IN-RH001F1



Humidity



Temperature



Radio transmitter

### Radio transmitter functions

Frequency	433-458MHz.
Radio protocol	Frequency hopping for greater security
Radio power	10mW, duty cycle < 0.1%
Radio range	300m over open ground
Nominal transmit interval	1 minute
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options
Hardware required	<b>IN-NR001F1</b> - Hanwell IceSpy Network Receiver <b>IN-RP001F1</b> - Hanwell IceSpy Repeater (Repeater only required in special circumstances which would be discussed with you following your Signal Strength Test)

### Product codes

88706	AA Lithium battery
Probe options	<a href="#">Please refer to the Hanwell IceSpy Sensor datasheet</a>