Hanwell | Ellab

ISI

IN-RH001F1
RH/T transmitter

Humidity

Temperature

Radio 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 facilites

Product code: IN-RH001F1

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

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	**IN-NR001F1** - Hanwell IceSpy Network Receiver **IN-RP001F1** - 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	Please refer to the Hanwell IceSpy Sensor datasheet