

IN-THD010-F1 transmitter

IceSpy air core & door switch

The Hanwell IceSpy series of temperature transmitter units are flexible, reliable and waterproof to IP65. Each unit has been designed to offer a comprehensive range of temperature measurement options for multiple applications across food, healthcare and pharmaceutical industries.



Temperature



Radio transmitter

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 and with BS EN 12830
- ✓ Carries UKCA and CE Marking

Typical Applications

- Walk in fridges and freezers
- Freezers
- Monitoring of core temperatures in the Food and Healthcare industries
- Two processes can be monitored with one unit



Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.

Instrumentation specification


Dimension (Excl. ancillaries)	165 x 65 x 35mm (40 including mounting bracket)
Weight	150 grams (including battery)
Power supply	1 x 1.5V AA Lithium battery
Memory capacity	On board logging capability for 5 days
Nominal logging interval	10 minutes
System accuracy	+/- 0.5°C
Case material	ABS
IP Rating	IP65
Instrument operating range	-30°C to +50°C
Storage temperature	-40°C to +85°C

Radio transmitter functions

Frequency options	433-434MHz.
Radio power	10mW, duty cycle <0.1%
Radio range	300m over open ground
Nominal transmit interval	1 minute
Battery life	Up to 2 years (dependent on conditions of use)
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)

Accessories

IN-DC001	Door switch
G301	AA Lithium battery
G301-4	AA 1.5V Lithium Battery pack of 4
Probe options	Please refer to the Hanwell IceSpy Sensor datasheet

Manufactured by Hanwell | Ellab    RoHS

Version 5 - EC210035

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Sensor supplied with unit

Internal temperature Sensor	Semiconductor
Recommended range	-30°C to +50°C
Accuracy	+/- 0.5°C
Resolution	0.1°C
Long term drift	< 0.1°C per year

Air core Kit parts

- 1 x IN-THD010F1 Transmitter
- Plus
- 1 x IN-TH300 Core temperature probe
- Plus
- 1 x IN-DC100 Door Switch
- Plus
- 1 x BLK100 Simulant Block 100ML or 1 x BLK200 Simulant Block 200ML

