

# IN-THD02F1 transmitter

## IceSpy NP3000 Series

Part of the **Hanwell IceSpy NP3000** series, the IN-THD02F1 is a temperature transmitter with external thermistor probe and door switch for multiple applications across food, healthcare and pharmaceutical industries.

### 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 with long distance transmission
- ✓ Up to 2 year battery life (dependent on use)
- ✓ Complies with RoHS, EU & WEEE directives and carries UKCA and CE Marking
- ✓ Complies with BS EN 12830

### Typical Applications

- Walk in fridges and freezers
- Freezers
- Food core temperatures
- Door status



Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.

Product code: IN-THD02F1

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
Battery life	Up to 2 years (dependent on conditions of use)
Memory capacity	On board logging capability for 5 days
System Accuracy	+/- 0.5°C
Case material	ABS
Nominal logging interval	10 minutes
IP Rating	IP65
Instrument measuring range	-40°C to +100°C
Instrument operating range	-30°C to +50°C
Instrument storage temperature	-40°C to +85°C
Resolution	0.1°C
Long term drift	< 0.1°C per year

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
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	
G301	AA Lithium battery
G301-4	AA 1.5V Lithium Battery pack of 4

Manufactured by Hanwell | Ellab

Version 7 - EC210035

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