

# 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



Temperature



Door



Radio transmitter

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

**Disclaimer:** The information contained herein is believed to be reliable. Hanwell Solutions Ltd. is not responsible for any incorrect or incomplete information on this datasheet and the information or product may be changed without notice. Customers should obtain and verify the latest relevant information before placing orders for Hanwell products.

hanwell.com

Tel: +44 (0)1462 688070 | Email: sales.hanwell@ellab.com