

## **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.

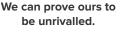
- Vast range of units and sensors provide users with multiple temperature related applications
- √ Superior performance hardware & high accuracy sensors
- √ Easily accessible battery for replacement by the user, when required
- √ Transmitters incorporate a wall bracket
- √ Low power radio with long distance 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



be unrivalled.





Product code: IN-THD02F1

Radio transmitter function



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

Manufactured by Hanwell | Ellab CA (€ X RoHS

