

IN-TH001F1 transmitter

IceSpy NP3000 Series



Temperature



Radio transmitter

Part of the **Hanwell IceSpy NP3000** series, the IN-TH001F1 is an internal temperature transmitter 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 for 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

- Inside small fridges
- Serve over counters
- Sandwich counters
- Vaccine fridges



Product code: IN-TH001F1

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.

Instrumentation specification

Dimension (Excl. ancillaries)	130 x 65 x 32mm (40 including mounting bracket)
Weight	130 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
Case material	ABS
IP Rating	IP65
System Accuracy	+/-0.5°C
Instrument operating range	-30°C to +50°C
Instrument storage temperature	-40°C to +85°C

Accessories

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

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)

Manufactured by Ellab Monitoring Solutions



RoHS



Version 5 - EC210130

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Sensor supplied with unit

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