

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
- ✓ Carries CE Marking
- ✓ Complies with BS EN 12830

Typical Applications

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

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.



Product code: IN-TH001F1

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	1 minute
Case material	ABS
IP Rating	IP65
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
	Repeater (only required in special circumstances which would be discussed with you in your signal strength test)

Manufactured by Hanwell | Ellab   RoHS

Version 3 - EC190194

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.

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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

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