IN-THD01F1 transmitter

IceSpy NP3000 Series

Temperature

Door

Radio transmitter

Part of the **Hanwell IceSpy** NP3000, the IN-THD01F1 is an internal temperature transmitter with door switch for multiple applications across food, healthcare and pharmaceutical industries.

Features

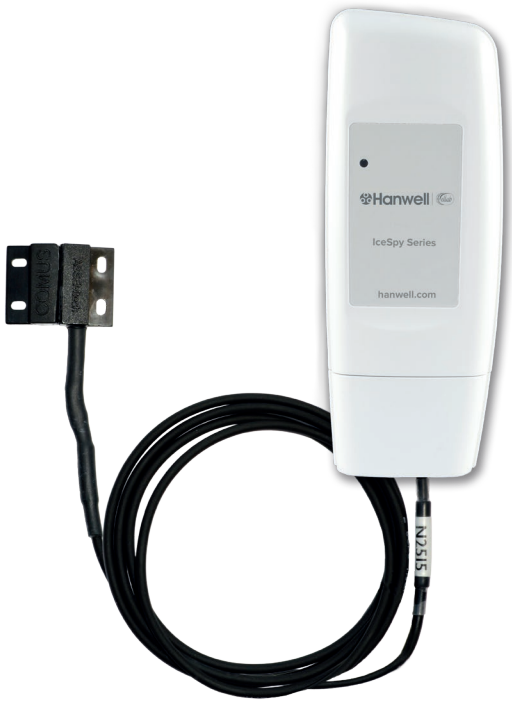
- ✓ Vast range of units and sensors provide users with multiple temperature related applications
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Easily accessible battery for replacement by the user, when required
- ✓ Transmitters incorporate a wall bracket
- ✓ Low power radio for long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

Always ask for a long-range signal strength test.

We can prove ours to be unrivalled.



Product code: IN-THD01F1

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
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	
IN-DC001	Door switch
G301	AA Lithium battery
G301-4	AA 1.5V Lithium Battery pack of 4
Probe options	Please refer to the Hanwell IceSpy Sensor datasheet

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 CE RoHS

Version 3 - EC190194

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Sensor options (supplied with unit)

Internal temperature Sensor	Semiconductor with door switch
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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