

# IN-TH001F2

## Internal Temperature wireless data logger

Part of the **Hanwell IceSpy** NP3000 series, the IN-TH001F2 is an internal temperature wireless data logger 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 1.5 year battery life (dependent on use)
- ✓ Complies with RoHS to 2011/65/EU (RoHS2) directive and carries CE Marking
- ✓ Complies with FCC regulation

### Typical Applications

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



Temperature



Radio transmitter



Product code: IN-TH001F2

**Always ask for a long-range signal strength test.**



**We can prove ours to be unrivaled.**

Instrumentation specification	
Dimension (Excl. ancillaries)	5.1 x 2.6 x 1.3 in. (1.6 including mounting bracket)
Weight	4.6 oz. (including battery)
Power supply	1 x 1.5V AA Lithium battery
Battery life	Up to 1.5 years (dependent on conditions of use)
Memory capacity	On board logging capability for 5 days
Nominal logging interval	15 minutes
System accuracy	+/- 1.0°F
Case material	ABS
IP Rating	IP65
Instrument operating range	-22°F to +122°F
Instrument storage temperature	-40°F to +185°F

Radio functions	
Frequency options	902-928MHz.
Radio power	10mW, duty cycle <0.1%
Radio range	Approx. 2600 ft. over open ground
Nominal transmit interval	90 seconds
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options
Hardware required	<b>IN-NR001F2</b> - Hanwell IceSpy Network Receiver  <b>IN-RP001F2</b> - Hanwell IceSpy Repeater (Repeater only required in special circumstances which would be discussed with you following your Signal Strength Test)

Accessories	
88706	AA Lithium battery



Version 4 - EC210036

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

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# Sensor supplied with unit

Internal temperature Sensor	Semiconductor
Recommended range	-22°F to +122°F
Accuracy	+/- 1.0°F
Resolution	0.2°F
Long term drift	< 0.2°F per year