

IN-PT001/002F1 transmitter

IceSpy NP3100 Series

Part of the **Hanwell IceSpy** NP3100 series, the IN-PT001/002 F1 is an external PT100 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

- Ultra cold freezers (-80°C)
- Measurements requiring wider range and greater accuracy

Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.

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
Nominal logging interval	1 minute
Case material	ABS
IP Rating	IP65
Instrument measuring range	-100°C to +200°C
Instrument operating range	-30°C to +50°C in a non-condensing RH environment
Instrument storage temperature	-40°C to +85°C
Accuracy	+/- 0.1°C
Resolution	0.1°C



Radio transmitter



Temperature

Photo shows IN-PT001F1 single channel unit

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 Repeater (only required in special circumstances which would be discussed with you in your signal strength test)

Product codes

IN-PT001F1	Single channel
IN-PT002F1	Dual channel
G301	AA Lithium battery
G301-4	AA 1.5V Lithium Battery pack of 4

Probe options [Please refer to the Hanwell IceSpy Sensor datasheet](#)

Manufactured by Hanwell | Ellab RoHS

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