

# IN-PTD01F1 transmitter

## IceSpy NP3100 Series

Part of the **Hanwell IceSpy** NP3100, the IN-PTD01F1 is a single channel external PT100 transmitter with door switch alarm 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)
- Door status

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   |



Temperature



Door



Radio transmitter

Product code: IN-PTD01F1

| 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<br>W906 – Validated EMS Software Package<br>*See EMS datasheet for further options  |
| Hardware required           | IN-NR001F1 - Hanwell IceSpy Network Receiver<br><br>Repeater (only required in special circumstances which would be discussed with you in your signal strength test) |

| Product codes |                                   |
|---------------|-----------------------------------|
| 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

Version 4 - 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. Customers should obtain and verify the latest relevant information before placing orders for Hanwell products.

hanwell.com

Tel: +44 (0)1462 688070 | Email: sales@hanwell.com