

IN-TH003F1 transmitter

IceSpy NP3000 Series



Part of the **Hanwell IceSpy NP3000**, the IN-TH003F1 is a temperature transmitter with an internal and external thermistor probe 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

- Walk in fridges
- Freezers
- Walk in freezers
- Internal and ambient temperatures can be monitored



Always ask for a long-range signal strength test.



We can prove ours to be unrivalled.

Product code: IN-TH003F1

| 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 |
| Case material | ABS |
| IP Rating | IP65 |
| Instrument operating range | -30°C to +50°C |
| Storage temperature | -40°C to +85°C |

| Accessories | |
|-------------|--------------------|
| 88706 | AA Lithium battery |

| Radio transmitter functions | |
|-----------------------------|---|
| Frequency options | 433-434MHz. |
| Radio power | 10mW, duty cycle <0.1% |
| Radio range | 300m over open ground |
| 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)

Ultimate peace of mind **RoHS**

Version 3 - EC180129

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.

KARDE TRADING (H.K.) LTD

Email: info@karde.hk

Contact number: (852) 2573 9172

Authorized distributor of Hanwell Solutions LTD

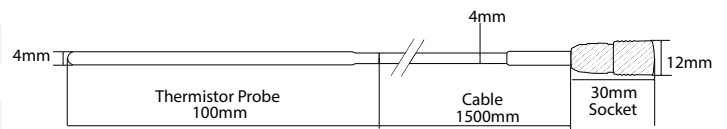
Sensor supplied with unit

| 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 |

Probe options (supplied separately)

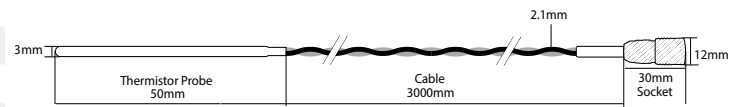
IN-TH150 / IN-TH300 External thermistor probe 1.5mtr/3 mtr cable

| | |
|-----------------------|------------------|
| Probe operating range | -40°C to +100°C |
| Accuracy | +/- 0.5°C |
| Resolution | 0.1°C |
| Long term drift | < 0.1°C per year |



IN-TH300-3 External thermistor probe 3 mtr cable

| | |
|-----------------------|-------------------------------------|
| Probe operating range | -40°C to +100°C |
| Accuracy | +/- 0.5°C |
| Resolution | 0.1°C |
| Long term drift | < 0.1°C per year |
| Cable | 2 core 7/0.15 SPC PFA twisted cable |



IN-TH150-P External thermistor probe 1.5mtr cable

| | |
|-----------------------|------------------|
| Probe operating range | -40°C to +100°C |
| Accuracy | +/- 0.5°C |
| Resolution | 0.1°C |
| Long term drift | < 0.1°C per year |

