

# IN-VT001F1 transmitter

## IceSpy Dual channel 0-1V

Flexible and reliable multi-purpose analogue sensors within the Hanwell IceSpy series for monitoring multiple parameters such as CO<sub>2</sub>, air flow and differential pressure.

### Features

- ✓ Superior performance hardware with high accuracy sensors
- ✓ Waterproof to IP65\* (relates to Hanwell IceSpy transmitter, probes used with the transmitter may vary)
- ✓ All transmitters incorporate a wall bracket
- ✓ Easily accessible battery for user replacement, if required
- ✓ Low power radio for long distance transmission
- ✓ Up to 2 year battery life
- ✓ Complies with RoHS, EU directives and WEEE
- ✓ Carries CE Marking

### Typical Applications

- Comprehensive measurement options for multiple applications across food, healthcare and pharmaceutical industries



Compatible with Hanwell EMS



Carbon Dioxide



Differential Pressure



Airflow

Product code: IN-VT001F1

Instrumentation specification	
Dimension (Excl. ancillaries)	165 x 65 x 35mm (40mm including mounting bracket)
Weight	150g (including battery)
Power supply	1 x 1.5V AA Lithium battery
Case material	ABS
Memory capacity	On board logging capability for 5 days
Nominal logging interval	10 minutes
IP rating	IP65
Input type	2 Channels 0-1 VDC
Resolution	12 BIT
Transmitter unit accuracy	+/- 0.15%
Instrument operating range	-30°C to +50°C
Storage temperature	-40°C to +85°C

Radio transmitter functions	
Radio frequency	433-434MHz Band
Radio power	Max 10mW, duty cycle <0.1%
Radio range	300m over open ground
Nominal transmit interval	1 minute
Battery Life	Up to 2 years (dependent on use)
Software required	W900 – Standard EMS Software Package W906 – Validated EMS Software Package *See EMS datasheet for further options
Hardware required	<b>IN-NR001F1</b> - Hanwell IceSpy Network Receiver  <b>IN-RP001F1</b> - Hanwell IceSpy Repeater (Repeater only required in special circumstances which would be discussed with you following your Signal Strength Test)

Accessories	
G301	AA 1.5V Lithium Battery
G301-4	AA 1.5V Lithium Battery pack of 4

Manufactured by Hanwell | Ellab

Version 4 - EC210035

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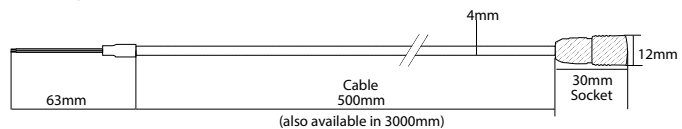
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# Cable options (supplied separately)

Two cable options available

- IN- LSC0.5      0.5 meter analogue transmitter connection cable
- IN-LSC3.0      3 meter analogue transmitter connection cable

Analogue transmitter connection cable



Schematic

