



## Environmental sensor

### Product Overview

#### Features

This iMune® wireless environmental monitoring sensor allows you to monitor live conditions in each room or zone of a building.

The temperature and air quality inside a building can impact people's comfort and wellbeing. Employers have an added responsibility to provide a healthy working environment by maintaining a reasonable temperature and meeting minimum air quality standards.

This wireless, energy-harvesting sensor measures air quality, temperature and humidity in each room or zone within a building, so with iMune® you can:

- Access live data to get an instant view of ambient conditions around the building
- Monitor conditions to understand the most efficient ways to use heating, ventilation and air conditioning (HVAC)
- Automate control to provide and maintain a comfortable environment

### Part Number

**IMENO-TM-HU-CO**

**www.istl.com**

iDrive® products are covered by IST's worldwide patent portfolio. For more information please refer to [www.istl.com](http://www.istl.com)



### Specifications

#### Measurement range:

CO2: between 0-2550PPM (+/-125PPM)

Temperature: 0-51 °C (+/-0.5 °C)

Humidity: 0-100% RH(+/-5%)

#### Accuracy

CO2: +/- 125PPM

Temperature: +/- 0.5°C

Humidity: +/- 5% RH

#### Electrical

Self-powered using ambient room light, with a back-up battery for low-light conditions

Battery Back Up 3.6v A size non rechargeable Lithium

Frequency: EnOcean 868.3 MHz

#### Mechanical

ABS, White

Dimensions:115 x 80 x 35 mm

#### Environmental

Operating Temperature: -5°C to +60°C

Storage Temperature: -20°C to +55°C

**Wireless Environmental Quality Sensor**  
Temperature / Humidity / CO2



Version:  
1.0