

# Wireless Temperature and Humidity Sensor for Environmental Monitoring

This compact sensor wirelessly monitors both temperature and humidity levels. Designed for environmental data logging, it is suitable for smart home integration and discreet indoor use.



## ADDITIONAL IMAGES



## Product Overview

### Smart Environmental Monitoring

The GL-THS01 is a compact, low-power wireless sensor designed for precise temperature and humidity tracking in indoor environments. Leveraging the efficient Zigbee protocol, it provides seamless integration with smart platforms for real-time data monitoring and remote alerts. Its discreet design and versatile installation options make it an ideal solution for climate control, data logging, and building management applications.

## Technical Specifications

|                           |                |
|---------------------------|----------------|
| Operating Voltage         | 3.3 V          |
| Average Operating Current | 5 mA           |
| Standby Current           | < 3uA          |
| Communication Protocol    | Zigbee, 2.4GHz |

## Physical Attributes

|                     |                        |
|---------------------|------------------------|
| Dimensions          | 37mm x 37mm x 12mm     |
| Installation Method | Adhesive surface mount |

## Operational Range

### Key Performance Metrics

|                             |                              |                                 |
|-----------------------------|------------------------------|---------------------------------|
| <b>30 m</b><br>Indoor Range | <b>50 m</b><br>Outdoor Range | <b>60</b><br>Max Operating Temp |
|-----------------------------|------------------------------|---------------------------------|

|                               |           |
|-------------------------------|-----------|
| Temperature Operational Range | -20 to 60 |
|-------------------------------|-----------|