

# T/H Sensor

Bluetooth® 5.0

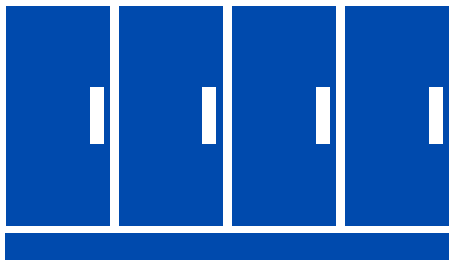


Battery powered, stick-on temperature and humidity Bluetooth® sensor. Communicates to any STG Bluetooth Gateway: [HD Gateway](#) or [Mobile Gateway](#).



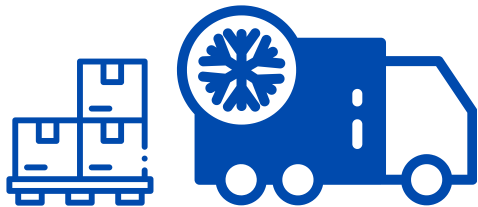
2.76 x 1.5 x 0.67 in (70 x 38 x 17 mm)

## Use Cases



### Refrigeration Monitoring

No wires, Wi-Fi or drills needed. Simply install the T/H Sensor in your cases along with a nearby [HD](#) or [Mobile Gateway](#) and you can begin monitoring temperature and humidity performance.



### Cold Chain Compliance

When paired with a [Mobile](#) or [HD Gateway](#) solution, a T/H sensor can be placed on pallets or packs of temperature-sensitive product to monitor cold chain and food safety compliance during transit.

## Technical Specifications

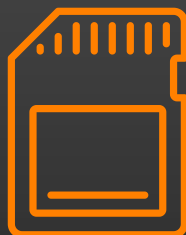


Bluetooth® 5.0 LE beacon. Can communicate to a variety of Gateways.



High accuracy, food grade sensor with long peripheral probe for accurate readings.

Up to 200 history records are saved on device at one time, allowing bulk uploads if gateway scans are missed.



2.5 Years of battery life per sensor, depending on broadcast frequency.



# Connectivity

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| Bluetooth® 5.0 Beacon | Bluetooth 5.0 firmware supports iBeacon, Eddystone, Mesh, and OTA protocols. |
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# Batteries

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| Non-Replaceable Batteries | Lithium iron phosphate integral battery |
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\*Battery Life Estimates

15 minute data broadcasts - 3 + years

5 minute data broadcasts - 2 years

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\* Battery life estimates are primarily influenced by the frequency of data uploads and Gateway range. STG will advise on optimal configuration of both sensors and gateways to ensure the solution is successful and battery life is maximized.

# Mechanics / Design

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|            |  |
|------------|--|
| Dimensions | 2.76 x 1.5 x 0.67 inches (70 x 38 x 17 mm) |
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|        |                     |
|--------|---------------------|
| Weight | 1.33 ounces (37.5g) |
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|         |            |
|---------|------------|
| Housing | white, ABS |
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|              |      |
|--------------|------|
| IP/IK Rating | IP66 |
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|-----------------------|---------------------------------|
| Operating Temperature | -22 F to 140 F (-30°C to +60°C) |
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|              |  |
|--------------|--|
| Flash Memory | Store up to 200 records of temperature logs on device. |
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