# Temperature and Humidity Sensor



This temperature and humidity sensor is designed to measure the temperature and humidity and transmit the measurement via BLE Mesh Network to the server. It is ideal for cold chain, environment monitoring, facility and building management and any application requiring temperature and humidity sensing.

**Application:**

- **Environment Monitoring**
- **Cold Chain**

| Description | BLE Temperature and Humidity Sensor. Connects to BLE Mesh Network |
|---|---|
| **Model Name** | Temp/Humidity Sensor (BLE) |
| **Size (H x W x L)** | 18.15x32.15x69.9 mm |
| **Temperature Measure** | -20℃ ~ +60℃<br>-4°F~ +140°F |
| **Temperature Accuracy** | 0℃~65℃, ±0.3℃<br>-40℃~0℃ or 65℃~120℃, ±0.7℃ |
| **Humidity Range** | 10%RH~99%RH |
| **Humidity Accuracy** | 10%RH~99%RH, ±0.3%<br>0%~10% or 90%~100%, ±4.5% |
| **Transmission Power Range** | 100m (+4dBm) |
| **Ingress Protection** | IP66 |
| **Battery Type** | 2 AAA dry cell |
| **Battery Lifetime** | 24 months* |
| **Battery Replaceable** | Yes |
| **Color** | White |
| **Button** | Push button can be programmed for SOS trigger |
| **Material** | ABS |
| **Storage Temperature** | 20 to +30ºC<br>-4 to +86ºF |
| **Certificates** | FCC, CE |
| ***Note** | Depends on the usage |