

WTH301

BLE Temperature and Humidity Sensor

The WTH301 is used to measure temperature and humidity levels in logistics and transportation. The product is easy to install and features IP66 waterproof housing, making it ideal for cold chain logistics, trailer and container tracking applications when working with Queclink's BLE trackers.



Highlights

- Easy and Low Cost Installation
- Compact Size
- IP66 Waterproof
- BLE 5.1
- Long Standby Time
- LED Indicator

Parameters

Dimensions	75mm*38mm*19mm
Weight	48g
Operating Voltage	3V
Operating Temperature	-40°C~+70°C
BLE	Support BLE 5.1 protocol
Transmission Distance	Maximum 150m (open area)
IP Rating	IP66
Temperature Measurement	Range: -40°C~70°C Accuracy: ±0.2°C (5°C~60°C) ±1.4°C (<5°C or >60°C) Resolution: 0.01°C

Humidity Measurement	Range: 0%RH~100%RH Accuracy: ±2 %RH (20%RH~80%RH) ±3.5%RH (<20 RH or>80%RH Resolution: 0.01% RH
T/H Sample Period	10 Seconds
Installation	3M Sticker
Static Current	Static: 4.5uA Peak: 10mA Average: 33uA
Battery Life	Lithium iron battery (1200mAh), Over 3 years lifetime (+7dB transmit power, report every 10 seconds)