

# BLUETOOTH TEMP&HUMIDITY SENSOR



## BTH - 100

### RF COMMUNICATION:

Frequency: 2,4 GHz - BLE 4.0/4.2

Transmit Period: Every 10 second

Protocol: BT Advertising

Distance: 10m

Current:

- 1.1uA (Deep Sleep)
- 11,3mA @ 0dBm TX
- 12,3mA @ 2Mbps data rate RX

RF Power: 0 dBm

RF Sensitivity: <90dB @2,4GHz

Antenna: Onboard

Battery Life: 1 Year (Depends on Tx period)

### ONBOARD SENSOR:

Temp Accuracy:  $\pm 0,5^{\circ}\text{C}$

Humidity Accuracy:  $\pm \%0,2$

### ABS ENCLOSURE:

Dimensions:  $\varnothing 65,8 \times 22,5$  mm

Proofness: IP43

Operational Temperature:  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$

Battery Type: 2 x AAA

BTH100 Bluetooth Temperature & Humidity sensor, which is frequently requested in IoT projects, has superior performance at its competitive price.

It can work with our MTL200 and MTL32 Gateway and XT60 series vehicle tracking devices, as well as with other BLE devices with universal communication protocol.

It has a put-and-forget type structure that is extremely easy to install in vehicles and fixed applications.

We have models with external type wired sensors, waterproof and SubGHz ISM RF communication.

-Specifications may change without notice.

