TZONE
DIGITAL TECHNOLOGY

BLUETOOTH TEMP/RH DATA LOGGER

BT04B

BT04B

ID:11199660

BLE Temp&RH Data Logger

TZ-BT04

please scan the QR code to download APP and user manual

Q.C. PASSED

APPLICATIONS:

Cold-chain transportation

Agriculture

Fresh frozen

Warehouse

TZ-BT04B is Bluetooth Low Energy temperature and humidity data logger with the latest Bluetooth 4.1 technology and Nordic NRF51822 chip. It can collect temperature and humidity of the surrounding environment . Such data can be recorded as history data. BT04 can store up to 12000 pieces of the temperature and humidity data. Mobile phone with Bluetooth 4.0 or above can download and install App.It can store and monitor temperature and humidity of the environment comprehensively. Its characteristics are small-sized, low-weighted, easily portable and highly accurate for wide use in cold chain logistics, archives, labs, museums, etc.

HOW BT04B TEMP/RH DATA LOGGER WORKS

Mobilephone
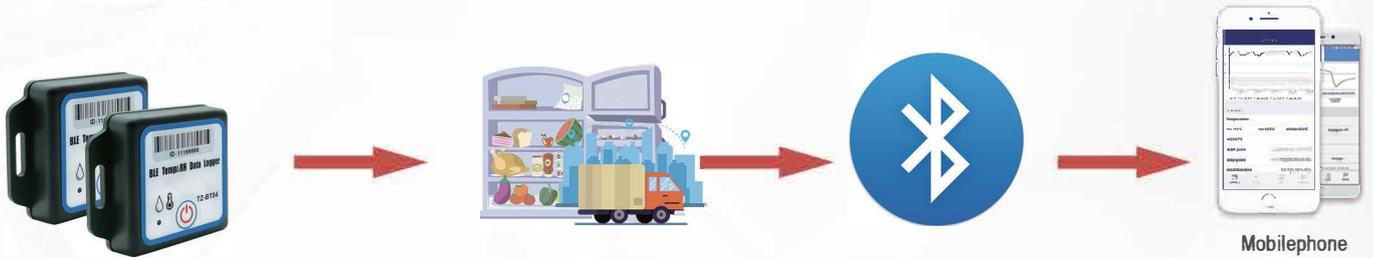
BT04B

Dimension	50mm*50mm*16mm
Weight(s)	30g
Signal transmission frequency	2.400 - 2.4835GHz
Protocol standard	Bluetooth 4.1
Modulation mode	GFSK
Send interval	2S, adjustable
Built in battery	Panasonic CR2450,620mAh /3V
Battery life	1.5 years (Depends on the mode of operation, can replace battery)
Output power	-4dBm, adjustable
Communication rate	1Mbps
Transmission distance	55 meters, adjustable
Storage	Can save 12000 pcs temperature and humidity data
Operating temperature range	-25°C~ +60°C
Temperature detection accuracy	±0.5°C (-20~ 60°C), ±1 (other)
Humidity detection range	5% ~ 95%RH
Humidity detection accuracy	±5%(10%~ 90%)RH, ±8% (other)RH

Feature

● Bluetooth 4.1

● High accuracy and stability

● Long distance wireless transfer

● LED light indicating for different status

● Built-in highly sensitive temperature (and humidity) sensor

● It can store 12000 pieces temperature (and humidity) data

● Can choose time to query data, every time query of data, the stored data can be saved in history

● Can set normal storage temperature (and humidity) data interval and alarm storage temperature (and humidity) data interval