



FT10

Technical Specification

BLE Temperature and Humidity Sensor

【Description】



FT10 is a bluetooth based temperature sensor for measure temperature and humidity data via BLE,it is mainly used in cold chain transportation others assets which require temperature and humidity monitoring system

【Highlights】

- Easy to install
- Humidity monitor
- Temperature monitor
- Built-in 1800mAH battery
- 5years long standby
- IP67 waterproof

【Function】

- High-accuracy temperature-humidity sensor
- Support temperature & humidity threshold trigger
- Real-time temperature & humidity monitoring

【Specification】

Physical	Dimension	63mm*63mm*18mm (L*W*H)
	Weight	40g
	Battery	1800mAh (5years standby based on 30s recording interval)
BLE		Bluetooth 5.1 compliant Bands 2.402 - 2.480 GHz Antenna -0.08dBi Sensitivity: -88 dBm
Transmit range		60m
Temperature range		-30°C~+80°C (Accuracy: 0.1°C)
Humidity range		0%-100% (Accuracy: 1%)
Working temperature		-30°C~+80°C
Storage temperature		-30°C~+80°C
Accessory		1*3M sticker

【Product Details】

① Interfaces for temperature & humidity detection



【Compatible devices】

Below devices are existing hardware models which this temperature sensor can transmit data to including but not limited to MT100/MT200/LT32/NT08E/NT09E/NT53E/NT28E(Optional)

【Parameter setting by SMS】

Send SMS to our tracking device to associate the device with the sensors near around :

TEMPERATUREVDF,N,mac 1,...,macN#	Set BLE sensor For example: TEMPERATUREVDF,2,BC572900CDBA,BC572900B709# Sensor number:2 MAC1 address:BC:57:29:00:CD:BA MAC2 address: BC:57:29:00:B7:09
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FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:


- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction



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