T-ONE BLE TEMPERATURE SENSOR

Professional temperature sensor （Probe Measuring Range: -55℃ to 150℃）

- 🌡 Temperature monitoring
- ◻ Compact size
- 🔧 Easy installation
- ⁂ BLE 5.1
- 🛡 IP67 waterproof

Standby Time

1650 days @ interval: 10s & TX= 4 dBm (default)

Fruit Transport

Food Transport

Pharmaceutical Transport

T-ONE TEMPERATURE SENSOR SPEC

General Specifications	
Model Name	T-One
Waterproofing	IP67
Dimensions	59.9mm*40.0mm*14.6mm (2.36" *1.57" *0.57")
Weight	59g(2.40 oz, battery and 1-mater probe included)/ 36g(1.50 oz, probe not included)
Battery	Non-Replaceable CR2477 Battery(1000mAh) Only use TFT Eddystone(default enable)
Battery Life	1800 days @ interval: 10s & TX= 0 dBm & temperature = 25℃ & Temperature on (default off)
	1650 days @ interval: 10s & TX= 4 dBm (default) & temperature = 25℃ & Temperature on (default off)
	1450 days @ interval: 10s & TX= 8 dBm & temperature = 25℃ & Temperature on (default on)
	1450 days @ interval: 5s & TX= 0 dBm & temperature = 25℃ & Temperature on (default on)
	1200 days @ interval: 5s & TX= 4 dBm (default) & temperature = 25℃ & Temperature on (default on)
	1000 days @ interval: 5s & TX= 8 dBm & temperature = 25℃ & Temperature on (default on)

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Operating/Storage Temperature	Housing: -30℃~+80℃(-22℉~176℉) Probe: -55℃~150℃(-67℉~300℉)
Probe Length	1 meter standard (5/10/15 meters optinal)
Temperature Measurement Accuracy	Typic: ±0.25(±0.5℃) (0-65℃,Long-term drift Typ.<0.02℃/Y)
Power Output（default）	4 dBm and 10s broadcast
Transmission Range （BLE 5.1）	Up to 200m(656 fts) (Open Field, Power: 4 dBm (default), BLE 5.1) Up to 400m(1312 fts)(Open Field, Power: 8 dBm, BLE 5.1)
Protocols Compatibility	
TFT Eddystone	Yes(default)
Eddystone UDI	Yes
Beacon	Yes
Others	
Front Light Sensor for Power on	
Installation Methods: Polyurethane glue, Screws, Cable zip tie	
Compatible with all TOPFLYtech trackers that have BLE functionality	

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