

T-SENSE BLE SENSOR

For wide range of application

T-SENSE BLE SENSOR

For temperature & door monitoring



- Temperature monitoring
- Door status monitoring
- Compact size
- Easy installation
- BLE 5.1
- IP67 waterproof

Standby Time

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

Fruit Transport



Food Transport



Door Status Monitoring



T-SENSE BLE SENSOR SPEC

General Specifications	
Model Name	T-sense
Waterproof	IP67
Dimensions	59.9mm*40.0mm*14.6mm (2.36" *1.57" *0.57")
Weight	123.5g (4.36oz, Battery Included)
Battery	Non-Replaceable CR2477 Battery (1000mAh)
Battery Life	Only use TFT Eddystone (default enable)
	1800 days @ interval: 10s & TX= 0 dBm & temperature = 25 °C & Temperature on (default off) & Door sensor on (default off)
	1650 days @ interval: 10s & TX= 4 dBm (default) & temperature = 25 °C & Temperature on (default off) & Door sensor on (default off)
	1450 days @ interval: 10s & TX= 8 dBm & temperature = 25 °C & Temperature on (default on) & Door sensor on (default off)
	1450 days @ interval: 5s & TX= 0 dBm & temperature = 25 °C & Temperature on (default on) & Door sensor on (default off)
	1200 days @ interval: 5s & TX= 4 dBm (default) & temperature = 25 °C & Temperature on (default on) & Door sensor on (default off)

T-SENSE BLE SENSOR SPEC

Battery Life	1000 days @ interval: 5s & TX= 8 dBm & temperature = 25 °C & Temperature on (default on) & Door sensor on (default off)
	*Refer to the battery life curves for more information
Operating Temperature	-30 °C ~ +80 °C (-22°F ~ 176°F)
Temperature Measurement Accuracy	Typical: $\pm 0.2^{\circ}\text{C}$, Max $\pm 0.4^{\circ}\text{C}$ (0-60 °C , Long-term drift Typ. $<0.02^{\circ}\text{C}/\text{Y}$) *Reference temperature accuracy charts
Power Output(default)	4dBm (10s Broadcast)
Transmission Range (BLE 5.1)	Up to 200m (656 fts) (Open Field, Power: 4 dBm(default), BLE5.1)
	Up to 400m (1312 fts) (Open Field, Power: 8 dBm, BLE5.1)
Protocols compatibility	
TFT Eddystone	Yes (default)
Eddystone UID	Yes
Beacon	Yes
Others	
Front Light Sensor for Power on	
Door sensor (default off)	

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