

TEMPERATURE & DOOR MONITORING

T-Sense

BLE 5.1

IP67 BLE 5.1 wireless sensor for temperature and door status monitoring – works with TOPFLYtech trackers. Up to 1,650 days of battery life.



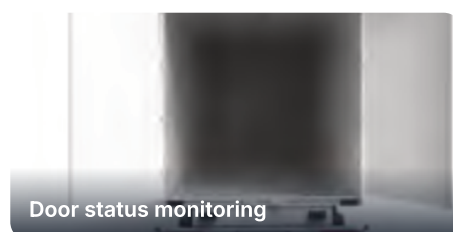
Key features

- Temperature monitoring
- Door status monitoring
- Compact size
- Easy installation
- BLE 5.1 – range up to 400 m
- IP67 waterproof
- TFT Eddystone, Eddystone UID, Beacon

Battery life (25 °C)

10 s, TX 0 dBm		1800 days
10 s, TX 4 dBm (default)		1650 days
5 s, TX 4 dBm, temp. on		1200 days
5 s, TX 8 dBm, temp. on		1000 days

Applications



Technical specifications

General	
Model name	T-sense
Waterproof	IP67
Dimensions	59.9 × 40.0 × 14.6 mm (2.36" × 1.57" × 0.57")
Weight	123.5 g (4.36 oz), battery included
Battery	Non-replaceable CR2477 (1000 mAh)
Operating temperature	-30 °C ~ +80 °C (-22 °F ~ 176 °F)
Temperature measurement accuracy	Typical ±0.2 °C, max ±0.4 °C (0–60 °C); long-term drift typ. < 0.02 °C/year
Power output (default)	4 dBm (10 s broadcast)
Transmission range (BLE 5.1, open field)	Up to 200 m (656 ft) at 4 dBm (default) Up to 400 m (1312 ft) at 8 dBm
Battery life (25 °C, TFT Eddystone only)	
Interval 10 s, TX 0 dBm	1800 days (temperature off, door sensor on)
Interval 10 s, TX 4 dBm (default)	1650 days (temperature off, door sensor on)
Interval 10 s, TX 8 dBm	1450 days (temperature on)
Interval 5 s, TX 0 dBm	1450 days (temperature on)
Interval 5 s, TX 4 dBm	1200 days (temperature on)
Interval 5 s, TX 8 dBm	1000 days (temperature on)
Protocol compatibility and others	
TFT Eddystone	Yes (default)
Eddystone UID	Yes
Beacon	Yes
Power on	Front light sensor
Door sensor	Yes (default off)