

Temperature & Humidity Monitoring Door Status Monitoring

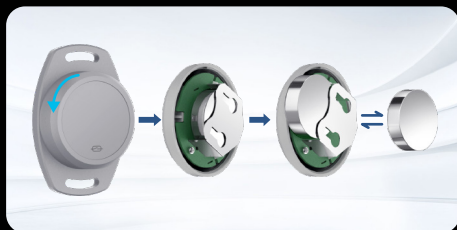


L02 Sensor Condition Monitoring

The L02 Sensor, Bluetooth Low Energy technology based, is a all-in-one sensor which contained temperature sensor, hall effect sensor and accelerometer sensor. It can monitor the door status and temperatures of the vehicle or trailer and broadcasts the data via BLE to be picked up by trackers or BLE gateways and transmitted to server eventually.

It can also store 50000 groups of sensor data, which is design in response to industry demands for environment monitoring to resolve losses caused by unallowable temperature deviation and unauthorized opening.

What Impressed



Rotating replaceable battery



Multiple adaptive installation



With T&H Sensor



Without T&H Sensor



IP67 waterproof



High accuracy sensing



Historical data storage



Rotating replaceable battery



All-in-one sensor integration

General Specs

Connectivity:	BLE 5.1	Battery capacity:	1000mAh replaceable battery
Dimensions:	69.9*46.7*18mm (L02) Φ45*18mm (L02A)	Flash memory:	2M Bytes
Color:	Gray	Battery lifespan:	5 years
Material:	PC	Operating temperature:	-20°C to 60°C (Can be extended to -40°C~85°C)
IP rating:	IP67	Transmission range:	Up to 150m (Without any obstacles)
Sensor:	Temperature&Humidity sensor Hall effect sensor Accelerometer sensor Barometric pressure sensor	Installation:	Sticker Screw Zip Tie
		Certification:	FCC CE RoHS REACH

Sensor Specs

Temperature & Humidity sensor	
Accuracy tolerance:	±0.5°C(condition: 0°C - 60°C) ±2% RH(condition: 20% - 80% RH)
Resolution:	0.1°C 0.1% RH
Operating temperature:	-40°C - 125°C 0 - 100 %RH
History storage:	50000 groups
Barometric Pressure Sensor	
Pressure measurement range	30kPa - 125kPa
Relative pressure accuracy	±6Pa

