



SENSOR INFORMATION »

Black Box Insight

Powered by Toshiba

Track temperature, light, humidity, pressure, shock, and tilt with this powerful Bluetooth Low Energy sensor.

With two to four months (55 to 110 days) of battery life* your logistics operations can gain supply chain intelligence on the status of the cargo. No operating drivers are required and the sensor uses our powerful web-based software-as-a-service MicroAnalytics platform.

And a ruggedized IP67 enclosure allows this sensor to handle even the toughest of environments on land, sea or air. So get a Black Box solution for your shipments today and know exactly how your cargo was handled from the shipping floor to the customer door.

** Depending on sensor configuration and environmental exposure.*



TECHNICAL SPECIFICATIONS

Dimensions	100 x 36 x 31 mm	Useful Life	2 years
Operating Temperature	-20 °C... +70 °C	Sensor Function	Pressure: Range 300 ~ 1100 hPa Accuracy ±2.5mbar (25 °C)
Storage Temperature	0 °C... +40 °C (less than 3 months) 0 °C... +20 °C (less than 1 year)		Temperature: ±0.5 °C (0 °C...+70 °C) ±0.7 °C (-20 °C... 0 °C) Resolution: 0.1 °C
Measuring range	-30 °C...+60 °C		Light: Range 0 ~ 65000 lux
Communication	USB, Bluetooth Smart		Humidity: Range 0 to 100% Accurate ±2%RH (10 to 90%) Accurate ±4%RH (90 to 100%)
Ambient Condition	(With Sheath) IP67 (Dust-proof/Water-proof) MIL-STD-810 (Vibration: 514.5; Shock: 516.5)		Shock & Tilt: 6 axis (Accel + Gyro)
Certifications	VCCI/FCC/CE BLE, USB NIST® traceable and 3-point Certificate of Validation Complies with 21 CFR Part 11		
Battery	840 mAh, Lithium Rechargeable		
Operating Time	55 to 110 days*		