⏻ CARGO BEACON | Wireless multiple data logger

How's your cargo?

CargoBeacon is a compact and rugged module for logging multiple cargo environment data. The module communicates with your mobile device and to the globally available CargoBeacon Portal.

CargoBeacon is designed for the cargo transportation industry to support logging of temperature, relative humidity and acceleration shock events. The data is stored with timestamps in order to analyse nonconforming events. It´s designed with low weight for easy attachment on any product by screwing, lashing or gluing.

With the CargoBeacon App and Portal service, users can globally access data from the device and understand the goods expected condition without having to break open the packaging. Near real-time information, including coordinates for the goods whereabouts can be provided when using the app along the goods freight way.

Learn more at: cargo-beacon.com

Temperature   Humidity   Shock

CARGO BEACON

CargoBeacon Logger

A compact IoT data logger device specifically developed to monitor the environment for cargo, where logging of temperature, relative humidity and shocks is the key. It is lightweight and is designed for easy deployment in the field.

CargoBeacon App

Your interface between the CargoBeacon Logger and the CargoBeacon Portal. It presents and transmits environmental data from the logger to the portal, manually or automatically. The app also lets you to change logger settings.

CargoBeacon Portal

The perfect analysis tool for key-account or quality departments working with continuous improvements and customer care. Any events registered by the CargoBeacon Loggers are visualized together with useful information such as location and time.

Technical specifications

■ GENERAL

Battery Life:	1 Year CR2477 1000mAh
Material:	Polypropylene
Operating Environment:	-40°C to +85°C , 0 % RH to 100 % RH non-condensing
IP Class	IP41
Approvals	CE, FCC, IC

■ SHOCK

Acceleration Measurement Range:	+-16 g
Channels:	3-axis
Sensitivity:	192 mg
Shock Accuracy:	Sensitivity change vs. temperature ±0.01 %/°C. Typical zero-g level offset accuracy ±40 mg

■ TEMPERATURE

Temperature Range:	-40°C to +85°C
Temperature Accuracy:	± 0.5°C, 15 to +40°C ± 1°C, 0 to +60°C

■ HUMIDITY

Humidity Range:	0 % RH to 100 % RH
Humidity Accuracy:	± 4.5 % rH, 20 to +80 % rH. ± 6 % rH otherwise

■ BLUETOOTH®

Range:	Class2 <10m
Type:	BLE – Bluetooth® Low Energy

Dimensions (mm)

15

18

60

6

40