Kizy Temperature and Humidity Tracking

USB-C Temperature & Humidity Sensor

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Temperature & Humidity Monitoring

The Kizy USB-C Temperature & Humidity Sensor is an extension for the K-2 tracker.

In addition to geo-localization, the sensor allows the K-2 tracker to monitor temperature and humidity with just one device.

The sensor enables you to monitor the transportation of temperature and humidity-sensitive products (such as food or chemicals) along your supply chain end-to-end, to safeguard your products and satisfy regulatory demands.

Kizy is fully integratable with your ERP and any existing tracking systems.

Benefits

- Seamless supply chain tracking end to end
- Proof of best practices to regulators
- Transmission of live data from anywhere in the world
- Recording of data if no network is available
- Easy integration – no extra infrastructure
- Works indoors and outdoors, including containers

Features

- Lightweight – fits even into C6 letters
- Ultra-precise reading of temperature and humidity
- Factory-calibrated
- Minimal temperature deviation over time

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Temperature & Humidity Sensor
Data Sheet

Requirements	
Usage	Requires a K-2 tracker. Specifications according to the respective datasheet
Tracker requirement	Minimum Firmware version 6.5
Power Consumption	
Typical battery life	1 month based on default setting of 1 measurement and 1 position transmission per hour
Sensor Specifications	
Storage capacity	35.000 measurements (on the tracker)
Size (l x w x h)	19 x 9 x 75mm (length can vary ±5 mm)
Weight	7 g
Certifications and Work Environment	
IP class	IP00
Certifications	CE, FCC, CCC, FSS
Operating Temperatures	-40 °C to +85 °C (-40 to 185 °F)
Operating Range Humidity	0-100 % RH
Sensor Capacities	
Accuracy Temperature Reading	±0.4 °C (Max)
Accuracy Humidity Reading	+/- 3 % RH (0-80 % RH)
Long Term Stability	≤0.01 °C/Yr, <0.25 % RH/Yr
Calibration	Factory calibration, according to ISO/IEC 17025