



POD RH



Bluetooth Temperature & Humidity Datalogger



Non contractual picture

Part nr. 11948

Presentation

The Verigo POD datalogger records temperature and humidity and wirelessly transmits data to a smartphone or tablet on which the Verigo's App has been installed.

The App allows to configure the POD and to view all nearby PODs up to 30 meters (100 feet) away in real-time with their current temperature readings, data graphs and detailed alerts indicating threshold excursions. For further analysis, the share function allows to email data as a PDF or CSV straight from the mobile device.

In case of threshold excursions, alerts are sent by text message and/or email.

All data is stored in the cloud automatically via Verigo's secure Web App allowing users to search complete records of all POD data.

The App allows to view on a map the shipping history and the different location points of the Pod if the Location Services option is enabled on the mobile device.

To easily locate the Pod among multiple boxes and containers or among other Pod, you can tap the «chime» button in the App to generate a short sound.

Verigo's app is available on :



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Technical Features

SENSOR	Measurement Range	-25°C to 60°C 0% to 100% and 5% to 80% non-condensing from -10°C to 60°C
	Accuracy*	±0,5°C max and ±0,3°C typical ±6% RH max and ±5% RH typical (between 5% and 80% humidity with temperatures between -10°C and +60°C)
	Resolution	0.01°C 0.03% RH
	Response Time	Less than 10 min (in <0,2 m /s air flow)
BLUETOOTH BLE COMMUNICATION	Transmission Range	Up to 30 meters
	Data Acquisition	Visual using Mobile and/or Web App Email as CSV or PDF
LOGGING OPTIONS	Logging Interval	1 min to 18 hours, user configurable
	High-Resolution Logging	User can enable or disable (logging occurs if temperature changes)
	Sampling Interval	30 secondes
	Activation	Button Press or Using Mobile App: Immediate and Delayed Logging (set delay interval or date & time)
	Shutdown	Using Mobile App (data logging will stop when memory is full)
	Sensor Thresholds	User configurable over full operating range
	Notification	Enable or disable SMS/email notifications indicating sensor threshold excursions
LEDS INDICATOR	Upon a button press (flashes seen)	1 green: Inactive Pod 2 green: Active Pod 2 red: Active Pod with a threshold excursion 4 green: Pod currently connected to a mobile device 4 red: Pod connected to a mobile device, with a threshold excursion
MATÉRIEL	Single/Multi-Use	Multi-use
	Battery Life***	Shelf Life (inactive): 7 years Typical**: 2-4 years Continuously Active: 1.5 years
	Battery Type	Lithium-ion (primary, non-rechargeable)
	Low Battery Indicator	Visible in Mobile App
	Operating Range	-20°C to +60°C/-4°F to 140°F
	Memory	40 000 temperature data points 40 000 humidity data points
	Protection Index	IP65
	Case	ABS
	Dimensions	97 x 43 x 13 mm (3.8 x 1.7 x 0.5 in)
	Weight	30g (1.06 oz)
	Certifications	FCC, CE, Industry Canada, 21 CFR part11
	Inclus	Quick start

* Per sensor manufacturer datasheet: The humidity and temperature sensors are factory-calibrated and the calibration data is stored in the on-chip non-volatile memory.

** "Typical" use of a Pod is considered to be actively logging for a total of 8-16 hours with one full log download per day, every day while operating at 0°C -20°C.

*** Exact battery life can vary depending on device age, use case and operating temperature. Battery life will be inherently diminished when Pods are operated continuously at temperatures below 0°C.