



POD Temperature



Bluetooth Temperature Datalogger



Non contractual picture

Part nr 11947

Presentation

The Verigo POD Temperature datalogger records temperature 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

TEMPERATURE SENSOR	Measurement range	-25°C to +60°C (-13°F to +140°F)
	Accuracy*	±0,2°C (0,36°F) typical / ±0,5°C (0,9°F) max
	Resolution	0.01°C (0.018°F)
	Response Time	From 7 to 9 mn
BLUETOOTH BLE COMMUNICATION	Transmission Range	Up to 30 meters / about 100 feet
	Data Acquisition	Visual using Mobile and/or Web App Email as CSV or PDF
LOGGING OPTIONS	Interval Logging	1 min to 18 hours, user configurable
	High-Resolution Logging	User can enable or disable (logging occurs if temperature changes)
	Sampling Interval	30 seconds
	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
LED INDICATOR	Notification	Enable or disable SMS/email notifications indicating sensor threshold excursions
	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
HARDWARE	Single/Multi-Use	Multi-use
	Battery Life***	Shelf Life (inactive): 7 years Typical**: 2-4 years Continuously Active: 1.5 years
	Battery Type	3V Primary Lithium Manganese Dioxide (non-rechargeable)
	Low Battery Indicator	Visible in Mobile App
	Operating range	-20°C to +60°C (-4°F to +140°F)
	Memory	40 000 data points
	Protection index	IP65
	Case	ABS
	Dimensions	97 x 43 x 13 mm
	Weight	30g / 1.06oz
	Certifications	FCC, CE, Industry Canada, 21 CFR part 11, EN 12830
Supplied with	Quick Start	

* The temperature sensor is 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.