Verigo
Truth in Transit

POD QUALITY

MODEL PH1

You care about the quality of your product. Maximum quality and shelf life is key to satisfying your customers and maintaining a competitive edge. In today's competitive market, every rejection, claim, and dollar shrink/customer credit matters. The Pod Quality provides you with actionable information that you need to minimize losses in the supply chain and maximize final quality of your product.

Customization

Configure settings to meet the needs of your particular application, including custom names, logging settings, and alerts.

Gain groundbreaking insights from the first sensors smart enough to continually translate raw data into useful quality information: the actual remaining life of your product.

Preloaded Product Life Profiles

Monitoring a wide range of commodities is made easy with access to over 20 predefined Product Life Profiles, from Asparagus to Strawberries. You can also create your own custom Product Life Profiles for your unique product varieties.

Wirelessly View and Share Data

View the information you need with no wires, no readers, and no hassles. Take proactive steps to prevent losses with "Low Product Life" and "low/high temperature" email and SMS alerts.

Easy Access With Verigo Cloud

See the complete story of each pallet by accessing your records from anywhere in the world with the Verigo Cloud. Easily achieve continuous audits of every critical process to maximize final quality.

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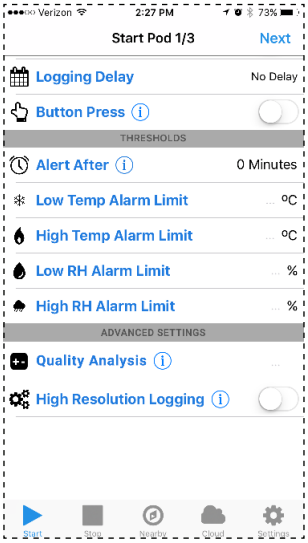
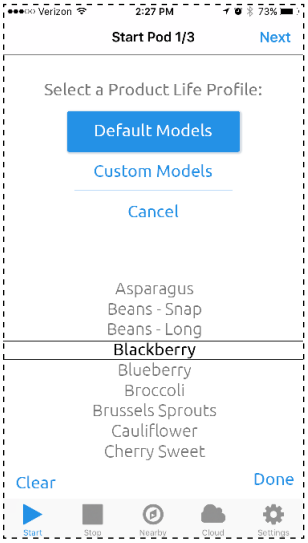
Quality Analysis is the innovative new feature made possible by the Pod Quality. With over 20 preloaded Product Life Profiles, users can view product temperature history and remaining Product Life with Verigo's Web and Mobile apps.

1. CONFIGURE YOUR LOGGING SESSION.

Input the session name, logging settings, and temperature alarm limits (within -20C to 60C) required for your application.



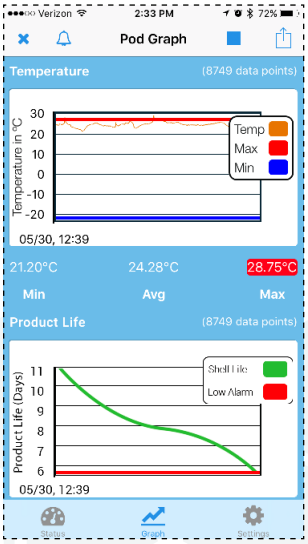


2. CHOOSE A PRODUCT LIFE MODEL.

Choose from over 20 preloaded Product Life Profiles. Can't find the profile you need? Tailor Quality Analysis to your specific products by creating a custom Product Life Profile using the Verigo Cloud.

3. START YOUR LOGGING SESSION.

Whether you're logging starts in the field, or just before long haul transit, you get continuous Product Life data.



4. VIEW THE REMAINING PRODUCT LIFE OF YOUR SHIPMENT.

View Product Life instantly before QA inspection, enforce process standards, ensure supplier accountability, and prioritize inventory rotation and routing based on remaining Product Life.

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POD SPECIFICATIONS (MODEL PH1)

TEMPERATURE SENSOR

Measurement Range	-20°C to 60°C	*(-4°F to 140°F)*
Accuracy*	± 0.5°C max	*(from -20°C to 60°C)*
	± 0.9°F max	*(from -4°F to 140°F)*
Resolution	0.01°C	*(0.018°F)*
Response Time (T90)	Less than 20 min	(*in < 0.2 m/s airflow*)

WIRELESS COMMUNICATION

Transmission Range	Up to 30 meters	*(about 100 feet)*
Data Acquisition	Visual using Mobile and/or Web App	
	Email as CSV and/or PDF	
Signal Strength	Visible in Mobile App	

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 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
Notifications	Enable or disable SMS/email notifications indicating sensor threshold excursions

HARDWARE

Single/Multi-Use	Multi-Use		
Battery Life***	Shelf Life (inactive)	Typical**	Continuously Active
	7 years	2-4 years	1.5 years
Battery Type	3V Primary Lithium Manganese Dioxide		*(non-rechargeable)*
Low Battery Indicator	Visible in Mobile App		

LED 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

OPERATING RANGE

-20°C to 60°C *(-4°F to 140°F)*

MEMORY

40,000 data points

CASE

ABS

DIMENSIONS

Pod 97 x 43 x 13 mm *(3.8 x 1.7 x 0.5 in)*

WEIGHT

30g *(1.06 oz)*

CERTIFICATIONS

Enivironment Rating: IP65

FC CE Industry Canada

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When not in use, Pods should be stored in an environment with an ambient temperature between 0°C and 30°C.
Sensor malfunction/failure can occur when Pods are exposed to condensing levels of humidity for an extended period of time.
*** Per sensor manufacturer datasheet:** "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.

Terms and Conditions:

No claims, representations or warranties, whether expressed or implied, including but not limited to warranties of merchantability, fitness for a particular purpose, of title, or of noninfringement of third party rights, are made by Verigo as to the safety, reliability, durability or performance of Verigo's products. Verigo is not responsible for any liabilities resulting from negligence, misuse, modification, or alterations to the product by the user. Furthermore, Verigo accepts no liability whatsoever for the safety, reliability, durability or performance of any of its products. IN NO EVENT, REGARDLESS OF CAUSE, SHALL VERIGO BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY KIND, WHETHER ARISING UNDER BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, AND WHETHER BASED ON THIS AGREEMENT OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

User assumes responsibility for correct operation of the product and any software associated with it. User assumes responsibility for determining the suitability of the product to the user's needs, for configuring and using the product to meet those needs, and for the proper placement/location of the product in the environment it is being used. User assumes responsibility for verifying and interpreting results obtained from product use. Verigo's Pod and Pod RH are not waterproof.

Federal Communication Commission (FCC) Compliance Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

Industry Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

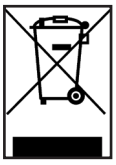
Avis de conformité pour l'Industrie Canada

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Code of Federal Regulations (CFR)

Electronics associated with Verigo Pods are compliant with CFR Title 21.
Verigo declares that all homogeneous materials in the following devices do not exceed the maximum concentration levels of hazardous substances as described in Directive 2011/65/EU of the European Parliament or are RoHS exempt.

WEEE Recycling Instructions



This symbol on our product and/or its packaging indicates that this product must not be disposed of with your other household waste. WEEE (Waste Electrical and Electronic Equipment) is potentially hazardous to human and environmental health. Re-use, recycling and recovery efforts are the responsibility of all consumers, producers and representatives dealing with Electrical and Electronic Equipment. For more information on recycling, please contact either your local distributor, the retail outlet where you made your purchase or your local waste-management authority.

The case of our Pod is composed of ABS.

VER-PH1-001, v6.5
May 15, 2019