LOG.IC

Product Description

LOG.IC is single-use USB temperature recorder that is designed to be low-cost and help optimise the cold chain by alerting manufacturers, handlers, and shippers when a product has been exposed to temperature levels beyond a specified threshold.

Users can scan and view tag data repeatedly, allowing you to take measurements at any point in the cold chain. To meet different specific requirements, the LOG.IC can be customised for applications such as monitoring product core temperatures with a stainless steel probe, or inside validated packaging with a ribbon cable, or extreme cold with a dry ice solution.

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Industries Served

- Apparel And Accessory Packaging
- Electronics
- Food And Beverage
- Healthcare
- Personal Products
- Pharmaceuticals

STREAM PEAK

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Quick Start Guide

1. Request LOG•IC software at:
http://info.shockwatch.com/logic-sw

2. Plug the recorder into the USB port on your computer.

3. Verify that the recorder is OFF. The recorder status is displayed when you plug the LOG•IC into the computer (Figure 1). If the recorder is not OFF, click the "Select Tag Mode" icon (Action Icon 1) and click the STOP button (Figure 5).

4. Click on the "Configure Tag" icon (Action Icon 2), select a default or custom temperature profile configuration and press "Configure" (Figure 2). A green box on the left will display PASSED.
To create a custom profile, click "Add" and enter the custom profile parameters (Figure 3). Once finished, click "OK" and this profile will always be available in the custom profile section.
Name the custom profile something meaningful to you for easy identification.

5. Two data fields are available to help identify specifics of the LOG•IC record: route, carrier information, payload description, etc. To edit these fields, click on "Manage Tag User Data" (Action Icon 3) and enter label and data information for the two lines. These fields will be displayed in the overview screen when the LOG•IC is downloaded (Figure 1). Click "Set Label" and "Set Data" to confirm that this information is added to the tag. PASSED will be displayed confirming that the information has been accepted (Figure 4).

Action Icons

#1 - Select Tag Mode

#2 - Configure Tag

#3 - Manage Tag User Data

#4 - PDF Report

Figure 1

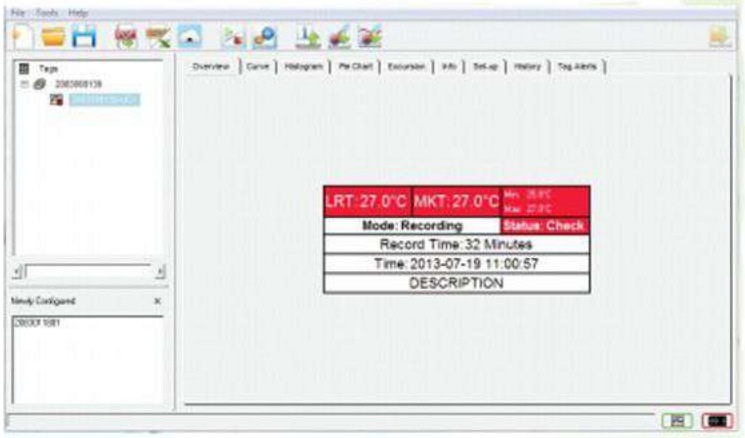
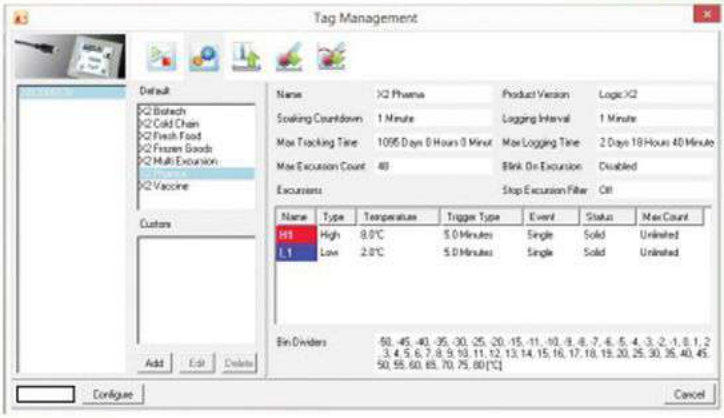


Figure 2



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6. Return to the "Select Tag Mode" icon and set start and stop tag preferences (Figure 5).Options for starting the tag are Immediately, with Tag Button Press, and at Auto Awake Time. Options for stopping the tag are Manually, at Auto Sleep Time, and After Auto Record Time. Once you have made your selections, click on the start button and PASSED will be displayed.

7. If you elected to start the LOG•IC "With Tag Button Press", the tag mode should read "STANDBY" until the ON/OFF button on the TrekView unit is pressed.

8. Unplug the LOG•IC from the computer. Hold the ON/OFF button until the ACTIVE light is a solid green. The tag will start recording once it has gone through the soaking countdown that was set during the configuration process (Figure 3). If you press the ON/OFF button more than once during the soaking countdown, the soaking time restarts.

9. To download the data, plug the LOG•IC into the USB port on your computer and make sure the recorder is turned off (Refer to Step 2). Click "File", "Save As", name the file and select the folder to be used for storing the file data.

10. To print the PDF report, click on the PDF icon (Action Icon 4), highlight the tag ID (See Figure 1), click "Save" and the report will appear.

11. Follow this same process when reusing a tag. Note: When you send a new configuration to the recorder, you will have erased any previous data from the tag.

Figure 3

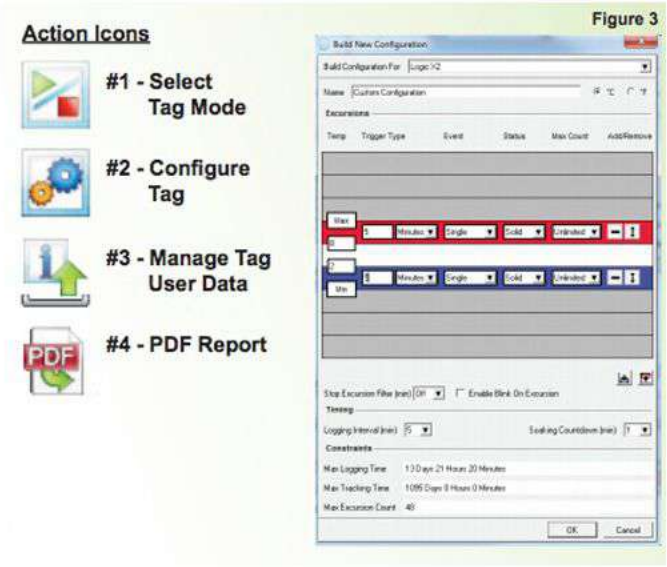


Figure 4

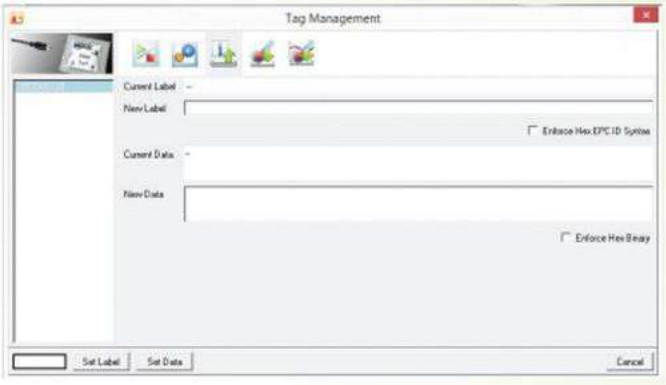
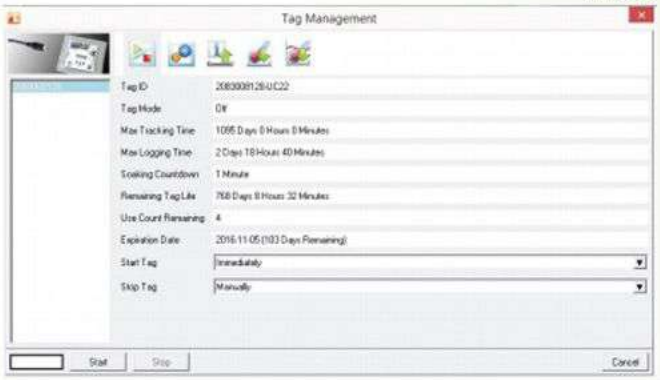


Figure 5



Key features

- Captures data every 60 seconds
- Up to eight temperature alarm thresholds
- Validated and FDA 21 CFR Part 11-compliant reports
- Up to 255 uses per device
- Available with Stainless and Ribbon probes

Product Specifications

- Standard/ with Probe Dry/ Ice Probe Temperature Measurement Range –
- 30°C to 75°C -22°F to 167°F -80°C to 75°C -112°F to 167°F
- Temperature Accuracy: -80°C to -30°C -30°C to 2°C 2°C to 8°C 8°C to 75°C N/A ± 0.5°C ± 0.5°C ± 0.5°C N/A ± 1°C ± 0.5°C ± 1°C ± 3°C ± 1°C ± 1°C ± 1°C -112°F to -22°F 22°F to 36°F 36°F to 46°F 46°F to 167°F N/A ± 1°F ± 1°F ± 1°F N/A ± 2°F ± 1°F ± 2°F ± 6°F ± 2°F ± 2°F ± 2°F
- Threshold Settings 8 configurable excursions thresholds
- Memory Capacity 4000 logged
- Data points / 16 million histogram temperature readings
- Data Retrieval USB plus RF Wireless Technology Semi-passive RFID Packaging NEMA 4 / IP 66
- Product Size 3.5in x 1.75in x 0.25in 9cm x 5cm x 0.82cm 2.28in x 2.28in x 0.07in 5.79cm x 5.79cm x 0.17cm Cable Length
- N/A 24in 60.96cm 24in 60.96cm
- Battery Life Up to 3 years
- Calibration Factory-calibrated sensor, NIST-traceable (3-point)
- Weight 29g 19.5

Selection Guide

- Single-Use Temperature Recorder L-3100
- Multi-Use Temperature Recorder (26 uses) L-3200
- Multi-Use Temperature Recorder / Stainless Steel Probe (26 uses)
- L-3210 Multi-Use Temperature Recorder / Ribbon Probe (26 uses)
- L-3230 Multi-Use Temperature Recorder (255 Uses) L-3300

Related Products

ShockLog @248

ShockWatch @g-view

TempU Temperature Recorder

FlashLink® Mini In-Transit Logger

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