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› TOPINCN USB Temperature Data Logger Recorder (Model: TOPINCN891ho5wrum) Instruction Manual

TOPINCN TOPINCN891ho5wrum

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1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your TOPINCN USB Temperature Data Logger Recorder, model TOPINCN891ho5wrum. This device is designed for single-use temperature monitoring in various applications, including cold chain transportation, warehouse storage, and other environments requiring precise temperature tracking. Please read this manual thoroughly before operating the device.

2. PRODUCT OVERVIEW

The TOPINCN USB Temperature Data Logger is a compact, high-accuracy device capable of recording up to 32,000 temperature data points. It features an IP67 water resistance rating, ensuring durability in challenging environments. The device generates PDF and CSV reports directly when connected to a computer, eliminating the need for special software installation.



Figure 2.1: The TOPINCN USB Temperature Data Logger Recorder in its sealed, water-resistant packaging, ready for deployment. The device features a small display and a power button, with a USB connector visible at one end.



High Accuracy and Sensitivity: USB temperature data logger recorder offers a wide temperature range of -30°C to +60°C (-22°F-140°F), compact size making it easy to carry and highly sensitive.



Figure 2.2: The data logger emphasizing its high accuracy and sensitivity, capable of operating within a wide temperature range of -30°C to +60°C (-22°F-140°F). Its compact size makes it easy to carry and deploy.

3. SPECIFICATIONS

Feature	Specification
Item Type	USB Temperature Data Logger Recorder
Material	ABS
Weight	Approx. 20.00g / 0.71oz
Temperature Measurement Range	-30°C to +60°C
Accuracy	±0.5°C (within optimal range), ±1°C (others)
Data Points	32,000

Feature	Specification
Usage	Single Use
Start Mode	Button Start
Recording Interval	10 Minutes
Start Delay	30 Minutes
Alarm Range	8°C (46.4°F) (default, check product for specific settings)
Software Requirement	None (Generates PDF/CSV directly)
Report Format	PDF and CSV
Communicating Interface	USB2.0
Water Level Rating	IP67
Product Dimensions	4.33 x 2.36 x 0.39 inches
Item Model Number	TOPINCN891ho5wrum

4. SETUP AND OPERATION

Follow these steps to set up and begin recording data with your TOPINCN USB Temperature Data Logger.

- Preparation:** Keep the data logger sealed in its water-resistant packaging during preparation. Do not open the packaging until data retrieval is required.
- Start Recording:** Press and hold the **OK button** (often indicated by a power symbol) for more than 3 seconds. The indicator light on the device will illuminate, confirming that recording has started.
- Placement:** Remove the serial number barcode from the packaging and affix it to the designated area on the product or accompanying documentation. Place the data logger with the goods or in the environment where temperature monitoring is required.
- Recording Duration:** The device will record data at 10-minute intervals with a 30-minute start delay. It will automatically stop recording once its 32,000 data point capacity is reached.



Figure 4.1: A detailed view of the USB connector, which is integrated into the data logger's design for direct connection to a computer.

5. DATA RETRIEVAL

Once the monitoring period is complete, follow these steps to retrieve the recorded data:

1. **Remove Packaging:** Carefully tear off the water-resistant packaging to expose the USB connector. This should only be done after the recording period is finished.
2. **Connect to Computer:** Insert the data logger directly into an available USB 2.0 port on your computer.
3. **Generate Report:** The device will automatically generate a PDF and a CSV data report. These files will typically appear as a removable drive on your computer, from which you can copy them to your desired location. No special software installation is required.

**Single Use Temperature
Data Logger**



Figure 5.1: The data logger in its protective packaging, illustrating its compact form factor before the packaging is removed for data retrieval.

6. MAINTENANCE

The TOPINCN USB Temperature Data Logger is designed for single use and requires minimal maintenance during its operational period.

- **Protective Packaging:** Ensure the device remains sealed in its water-resistant PET film throughout the recording process to protect it from dust and dampness.
- **Storage:** Store unused data loggers in a cool, dry place away from direct sunlight and extreme temperatures to preserve battery life and sensor integrity.
- **Disposal:** As a single-use device, dispose of the data logger responsibly after data retrieval, following local regulations for electronic waste.

7. TROUBLESHOOTING

If you encounter issues with your data logger, consider the following:

- **Device Not Starting:** Ensure the OK button is pressed and held for at least 3 seconds. If the indicator light does not activate, the device may be faulty or its battery depleted.
- **No Report Generated:** Verify that the data logger is fully inserted into a functional USB 2.0 port. Try a different USB port or computer. Ensure the protective packaging has been completely removed from the USB connector.
- **Inaccurate Readings:** Ensure the device was placed in an environment representative of the temperature being monitored and was not exposed to direct heat sources or extreme cold beyond its specified range.
- **Alarm Triggered:** The device is configured with an alarm range (e.g., 8°C). If the temperature exceeds this threshold, an alarm will be indicated in the generated report. This is normal operation for out-of-range conditions.

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your TOPINCN USB Temperature Data Logger Recorder, please refer to the purchase documentation or contact TOPINCN customer service through the retailer where the product was purchased. Keep your proof of purchase for any warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question