



ShockWatch® TrekView® Wireless Temperature Recorder for Food



A revolutionary system that puts cold chain visibility at your fingertips

TrekView is a breakthrough in cold chain risk mitigation. You can now quickly and easily measure, analyze, document and confirm that the temperature was within acceptable tolerances throughout transit and storage.

INTRODUCING TREKVIEW

Now you can ship your perishable food products with confidence that unacceptable temperatures will be recorded and documented providing you with the information you need to make decisions regarding product shelf life and quality.

Protect Your Bottom Line

TrekView is an innovative, cost-effective cold chain monitoring product that records exposure to unacceptable temperatures which could negatively affect product quality, safety, or shelf life. With the TrekView, you have the information you need to make changes to your processes which can drive a reduction in product loss during storage, shipping and handling, ensure your customers' satisfaction and improve your bottom line.

Cost effective and smaller than a credit card

Common temperature recorders are fragile and bulky. Not TrekView. Simply place the durable 5.8 cm² recorder alongside your product. TrekView is designed to easily slide into your existing packaging or be put in a pouch on your pallets. Data can be accessed with a handheld reader at any point during transport or in storage without stopping the recording. And you can use the TrekView repeatedly for up to three years

Increase your cold chain visibility

TrekView has up to eight temperature thresholds and records those temperatures every 60 seconds for up to three years. Data is easily downloaded using the built-in RF antenna or a USB connection. Windows-based reporting and analysis software provides a verified record of the device state and configuration, time/temperature profile, temperature distribution, and tag excursions to support validation from farm to fork.

Accessories specific to your needs

Knowing the ambient temperature is important but there are times when core temperature is the critical measurement for you. TrekView offers an optional stainless steel probe for monitoring product core temperature at any point along the journey.

Customize TrekView to meet your specifications

TrekView software allows you to program logging intervals and up to eight temperature thresholds to meet your specific needs. Set out of tolerance conditions based on a single event or cumulative exposure. See the end of journey report in the format that best serves your purpose – a one page summary, easy to interpret charts and graphs, and full logged data reports.

Rely on the highest quality and dependability

ShockWatch is an ISO 9001-2008 company and as a global leader in supply chain damage prevention programs, ShockWatch submits its systems to an ISO/IEC 17025 accredited organization for testing and inspection on equipment that is calibrated to NIST standards. This practice ensures that TrekView and other ShockWatch cold chain systems meet compliance standards set by customers.

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Custom Solutions to Cold Chain Challenges

In cold chain risk mitigation, one size does not fit all. If you need to optimize the performance of your cold chain to reduce shipping costs, reduce product spoilage, improve customer satisfaction, and protect your bottom line from product losses, ShockWatch can provide a custom solution.

Facility, truck mapping and risk mitigation

A shared concern from customers relates to product loss during cold-chain transit, but data provided by current monitoring tools may be insufficient to isolate the problem. Through partnership with your company, ShockWatch can set up a test program with your logistics and QA teams to custom design a TrekView program that quickly and precisely identifies where the costly problems are occurring, enabling you to assign accountability via “chain of custody” and fix the problem.

Reduce packaging, shipping and labor costs

Every bit of delay to measure temperature values costs you money. Protect your margins by using the rugged, reliable and compact TrekView wireless temperature monitoring system to capture data without having to redesign your product’s existing packaging material, or worry about excess weight that may add to shipping costs. The handheld reader allows temperature readings to be quickly captured right on the shipping or receiving dock without the need for a local PC to download the temperature results.

Complete visibility from farm to fork

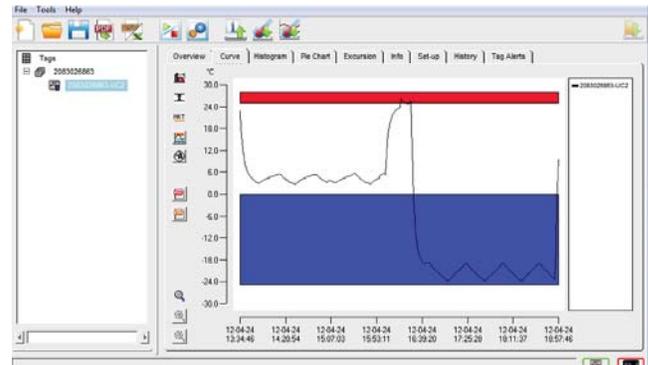
While your objective may be obvious (reduce loss, test your packaging or evaluate you shipping lanes), the solution may not be. Solving your problem may be a matter of redesigned packaging, but it also may be as obvious as deterring employee and shipper mishandling through the assignment of accountability. And, while any combination of these methods may be effective, they may also be overwhelming and not cost effective. The question is where to start? Knowing how and when temperature excursions occur allows you to correct the problem, minimize the risks, and even assign accountability to the incident via the “Chain of Custody”. TrekView allows you to have visibility throughout your entire supply chain to give you the information you need to make the right decision.

Powerful Information but Easy to Use & Train

Multiple data download methods and free software included for end-of-journey reporting

Temperature data can be downloaded using multiple methods: a desktop or handheld reader or direct USB connection to a computer. Once loaded onto the PC, the free TrekView Report Software provides at-a-glance interpretation of when excursions have occurred and allows you to generate summary reports, manage tag programming, view tag status, and set alerts.

The software is designed to provide a graphical display of a tag’s recorded data and time-temperature profile in multiple formats: pie chart, curve, temperature distribution histogram, and tabular views of unit excursion data. The software gives users the option to get an overview of the cold chain performance or drill down to more specific events or compare information from multiple tags.



Additional functionality:

- Automatically generate a PDF report of recorded tag data
- Customize threshold levels, sampling rate and reporting options for individual tags and save the configuration for future use
- Overlay up to four tags for temperature mapping
- Receive email alerts, allowing you to respond quickly to risk





Features/Benefits

- Customizable settings, data access and monitoring methods
- RFID capability allows scanning through packaging
- Automatic email reports of excursions
- Designed for wet, rugged applications
- Activate tags with the hand-held reader or the push of a button
- NIST traceable units
- Smaller than a credit card

Ideal Applications

TrekView is ideally suited to monitor critical temperature-controlled supply chains for industries such as:

- Agriculture produce
- Frozen food
- Seafood
- Dairy
- Eggs

Key Specifications

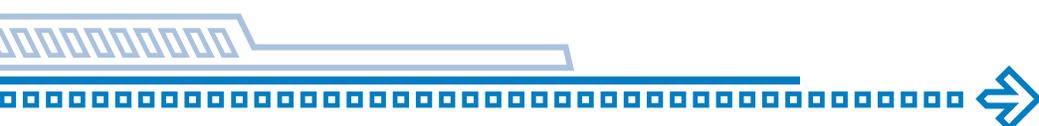
Monitor Recording Options	Multi-use
Temperature Measurement Range	-30°C to 75°C
Temperature Accuracy	±0.5°C across the entire measurement range
Threshold Settings	Eight configurable excursion thresholds
Memory Capacity	4000 logged data points / 16 million histogram data points
Downloadable Data	Available during transport / storage without stopping the recorder
Data Retrieval	External or Internal USB plus Wireless
Wireless Technology	Semi-passive RFID
Packaging	<ul style="list-style-type: none"> • Waterproof, food grade packaging • NEMA 4
Battery Life	Three-year run life
Calibration	Factory Calibrated; Three point NIST certification

See data sheet for complete list of specifications.

Learn from the Experts

ShockWatch is a global leader in the innovation and optimization of logistics and cold chain risk mitigation. In addition to providing leading-edge products and systems, ShockWatch consultants, subject matter experts, and training staff partner with customers to help them:

- Ensure proper implementation and effective long-term usage of ShockWatch solutions
- Optimize your hardware investment for an improved bottom line
- Maximize understanding of conditions that affect products during transit in storage and in operation



A Complete Portfolio of Monitoring Devices

TrekView is part of a complete line of temperature monitoring devices available from ShockWatch. Below is a short comparison of additional products that may help you in your monitoring needs.

Indicators ColdMark®2 WarmMark®2	Electronic Indicators TempMark® 8	Recorders TrekView®
Single temperature threshold devices	8 temperature alarm threshold devices	
Simple go/no-go chemical indicator	Records number & longest duration of single excursion, cumulative time out of tolerance for 8 alarm conditions	Records temperature every minute for up to three (3) years Graphing & analysis software FDA 21 CFR Part 11 Compliant reports
Single use device	Single use device	26 use device
-20°C to 38°C	-20°C to 70°C	-30°C to 75°C
Visual color change	Liquid crystal display	Red/green LED Data access: Wireless or USB

Increasing cold chain information delivered

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Put the TrekView Advantage to Work for You

Learn how TrekView can optimize your cold chain by contacting us at info@shockwatch.com or learn more by visiting www.ShockWatch.com/TrekView.

About ShockWatch

As the global leader in the innovation and optimization of logistics and cold chain risk management systems, ShockWatch provides solutions that currently enable over 3000 customers and some 200 partners in 62 countries to detect mishandling that causes product damage and spoilage during transport and storage. The robust ShockWatch product portfolio includes impact, tilt, temperature, vibration, and humidity detection systems and is widely used in the energy, transportation, aerospace, defense, food, pharmaceutical, medical device, and manufacturing sectors.

Founded in 1976 and based in Dallas, Texas, ShockWatch is a subsidiary of MRI, Inc., which is also the parent of DPC and DataSpan. MRI's international client base includes two-thirds of the Fortune 100 and more than half of the Fortune 1000 companies.

For more information on ShockWatch position on RoHS, EU Directive 2002/95/EC, Amendment Commission Decision 2005/618/EC, and our certificates of compliance, please visit www.shockwatch.com.