



ShockWatch® Environmental Recorders are portable data loggers that monitor and record temperature and humidity for products during transportation and storage. Collected data can be easily analysed in graphical or tabular form. Reporting tools deliver key environmental parameters for complete documentation of the shipping and handling environment.

**TrekView™:** This device monitors and records temperature through a single channel. It is supplied with a Certificate of Conformity, as it is not capable of producing a calibration certificate. For verification of temperature range the unit must be returned to the factory.

**TrekView-H™:** This device monitors and records temperature and humidity through dual channels. It is supplied as standard with a Certificate of Conformity and has an option to upgrade, at additional cost, to a Certificate of Calibration. This must be ordered with the unit as it is not achievable on a retrospective basis. Additionally, the unit can be returned to the factory on an annual basis for a full calibration and the issuing of an updated Certificate of Calibration. Please note calibration can only be done by returning the unit to the factory.

**TrekView-H plus™:** This device also monitors and records temperature and humidity through dual channels. However, it has been specifically designed for industries where traceability of Calibration is essential so the unit has been fitted with special functionality to allow customers to calibrate the units, provided they have an appropriate reference to measure against. The software has been modified to allow the input of corrected calibration data and, therefore, the production of a third party calibration certificate. Alternatively, the units can be returned to the factory for an annual calibration. Certificate of Calibration supplied as standard.

**Benefits:**

- ° Reduces product damage and loss during shipping, handling, and storage
- ° Provides ongoing record of unacceptable exposure, including precise time & date
- ° Protects the quality and integrity of products
- ° Encourages adherence to product storage and handling temperature requirements
- ° Ensures health and safety compliance
- ° Ensures chain of accountability in storage and transportation
- ° Identifies potential product quality problems before delivery to end-user
- ° Protects against/reduces warranty claims
- ° Pinpoints trouble spots in storage and transportation
- ° Enables control of energy costs

## TrekView

<b>Product Code</b>	TrekView	43792
	TrekView-H	43791
	TrekView-H plus	43791PLUS
<b>Series</b>	TrekView	

**Typical Applications**

- ° Biomedical and pharmaceutical products
- ° Photographic chemicals and supplies
- ° Perishable food products
- ° Agricultural Plants
- ° Medical devices
- ° Ammunition
- ° Sensitive electronics
- ° Wood products
- ° Cold Storage facilities
- ° Livestock

**Instrument - TrekView™**

Operating Range: -30°C to 66°C  
 Accuracy: ±0.2°C  
 Temperature Resolution: 0.1°C  
 Intervals: 10 seconds to 24 hours  
 Memory: 100,000 samples  
 Battery: 2 AAA Alkaline 5 years at 15 min intervals  
 Enclosure: 114.3 x 71.12 x 22.86 mm  
 Sensor: Band gap  
 Weight: 100g without battery  
 Alarms: High/low limits exceeded  
 Pass/fail alarm indicator

**Instrument - TrekView-H™**

Operating Range: -34°C to 66°C, 0-100% RH  
 Accuracy: ±0.2°C  
 Temperature Resolution: -0.1°C  
 Humidity Resolution: 0.1%  
 Intervals: 10 seconds to 24 hours  
 Memory: 100,000 samples  
 Battery: 2AAA Alkaline, 5 years at 15 min intervals  
 Sensors: Band gap (temperature)  
 Capacitive polymer (humidity)  
 Enclosure: 114.3 x 71.12 x 22.86 mm  
 Weight: 100g without battery  
 Alarms: High/low limits exceeded  
 Pass/fail alarm indicator

**Software**

The TrekView™ software is an easy-to-use, Windows® based application. The intuitive set-up process allows for quick deployment of the logger. Powerful tools report key environmental parameters such as minimum, maximum and average temperature and humidity; mean kinetic temperature (MKT); and number and percentage of measurements in and out of range. Data can be displayed, analysed, and printed in graphical, tabular, or text formats and then exported to Microsoft® Excel for further analysis. These extensive capabilities enable complete visibility of the environmental conditions that affect product quality.