g-View – impact recorder

get impact values for all three axes, temperature
and the date and time of the events.
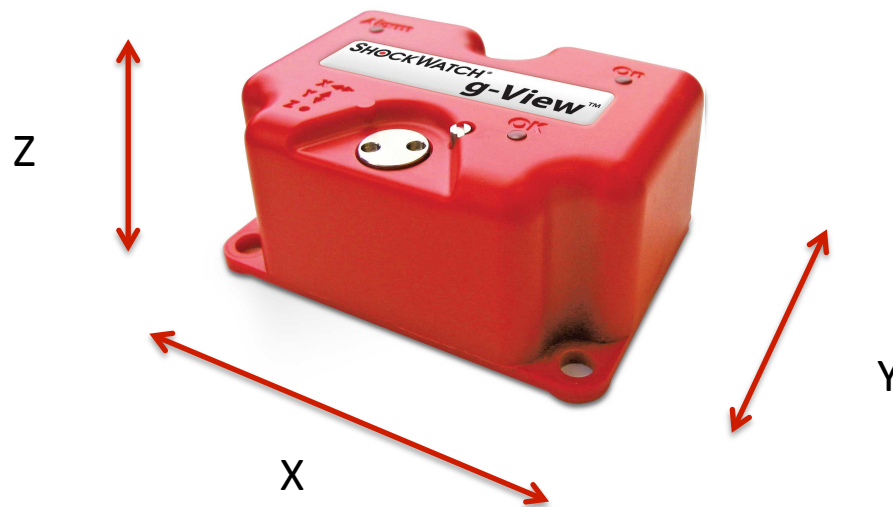
SHOCKWATCH®

DAMAGE PREVENTION. WE'RE ON IT.

The **g-view** is a simple to use compact impact monitor that records up to 100 impact events per axis with their date and time, g value and temperature.
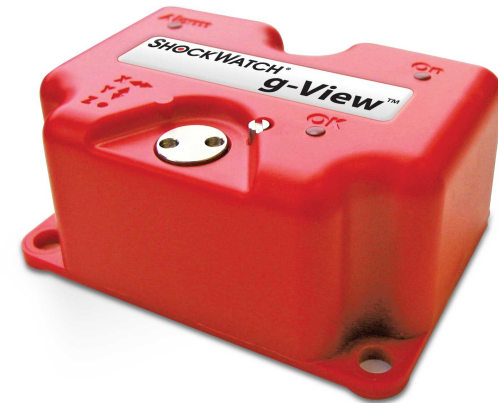
The product has the following key features:

- Monitoring on 3 independent axes
- Information Recorded:
  - Impact Amplitude
  - Impact Axis
  - Date and Time
  - Internal Temperature
- 100 events per axis
- Available in two Shock/Frequency Ranges:
  - 10g / 25Hz
  - 25g / 40Hz
- All communication done through iButtons
- LED for visual indication of threshold breach
- Extremely easy setup

Interface with your g-View device through a simple Windows-based software program. Clear instructions allow users to create journey setup files, program iButtons, and view recorded data in a secure tabulated format.

The g-View uses a simple set of iButtons to communicate with the unit and to the PC with a blue dot iButton reader .

To program the g-View with a journey setup you first need to create a setup file and program it into a set up iButton (GREEN Key). This iButton can then be used to load the setup into the g-View unit.

Set up	Clock	Download

Attach g-View to the product ready for its collection and delivery

When the product is knocked above the predetermined threshold, the alarm will flash red and the impact will be recorded.

Each axis will record up to 100 time and date specific events per axis ready for the information to be downloaded and analysed at a later date.
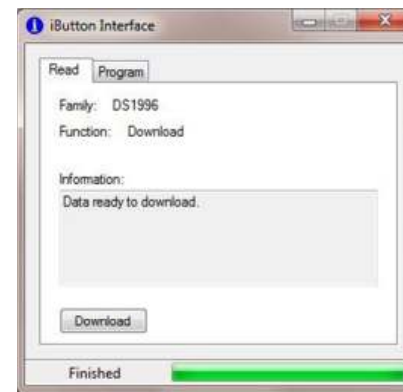
Downloading data is as simple as applying the download iButton (RED key) to the iButton contact on the g-View unit.

Remove the download iButton from the g-View unit, and insert it into the USB iButton adaptor. Start the g-View application software, open the iButton Interface dialog box, click on Download to start downloading the Journey data from the iButton.
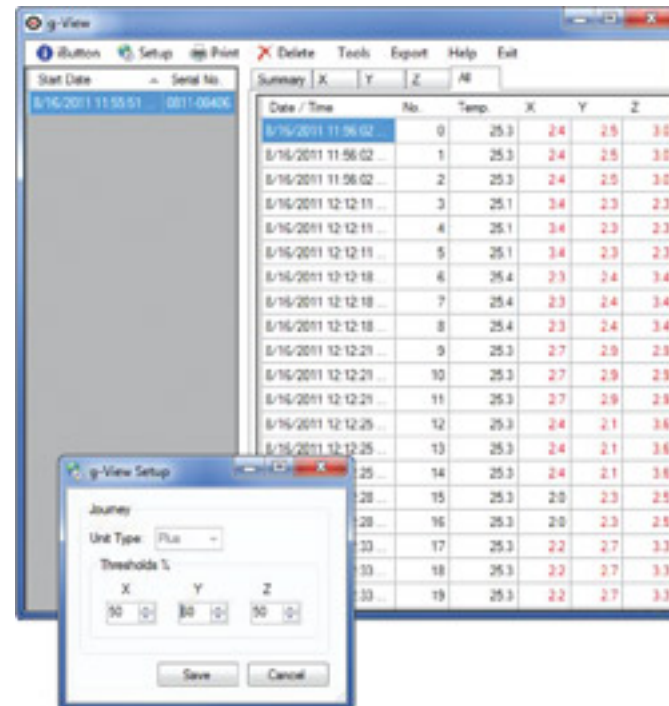
The following information will be presented:

- Date/Time of Event

- Event Number

- Temperature

- X Axis g value

- Y Axis g value

- Z Axis g value

When selecting the All tab, you will be presented with all of the Events recorded during the journey. Selecting any of the individual axis tabs you will only be presented with the Events associated with that axis. However, all the same information will be displayed and it is possible that any individual event could appear on more than one of the tabs as it breached more than one of the axis thresholds in a single event.

When any Event value exceeds the impact threshold limit entered in Setup for the journey they are shown in red and where values have reached or exceeded the g-View units recording limits, defined by the products range (e.g. 10g), the Event data is underlined as well as in red.

SHOCKWATCH®

- Allows axis thresholds to be programmed independently for precise monitoring

- Alerts recipients and operators to inspect goods and equipment for potential damage

- Helps determine when unacceptable conditions occur

- Maintains and displays information in tamper proof files

- Packaging and vehicles in supply chain

- Nuclear materials

- Biomedical supplies

- Wind turbines

- Rail & sea containers

- Electronics

- Telecommunications / computer racks

- Medical / lab equipment
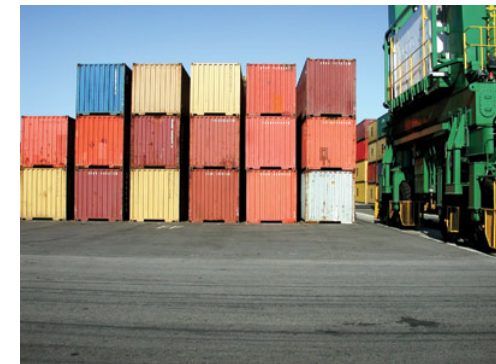
- **Operating Temperature**   14°F / -10°C to 122°F / 50°C

- **Size**   70mm x 50mm x 30mm

- **Weight**   81g

- **Battery**   1 x AA Alkaline (replaceable)

- **Battery Life**   up to 6 months *

- **Case Material**   PC / ABS

- **Sealing**   IP65

- **Shock Range (Factory Set)** 10g or 25g

- **Cut-off Frequency Options (Factory Set)** 25Hz or 40Hz

- **Alarm Threshold (% of Range)** 20 - 90% per axis

- **Shock Accuracy** + / - 6% of full scale

- **Resolution** 0.1g

- **Memory**   100 events per axis

- **Communications**   iButton

* Based on 2.4Ah alkaline battery with a journey profile that creates an event on average every 20 mins, in ambient conditions of 0 to 35Deg C. For environments outside this temperature range we advise using a Lithium 1.5v cell.

Contact Us

If you wish to discuss your requirements further please do not hesitate to contact us.

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