



User's Manual

G-MEN DR01・DR20・DR100



Thank you for your purchase.
Please read the User's Manual
carefully prior to use.

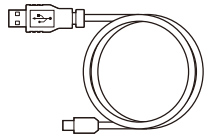


SRIC Corporation

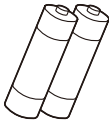
■ <http://www.sric.co.jp/> ■ info-box@sric.co.jp

2017.02

Accessories



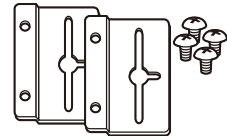
■ USB Cable (MiniB)



■ AA Alkaline Batteries (LR6)



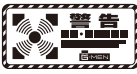
■ Magnet



■ Attachment Plates



■ Application Software



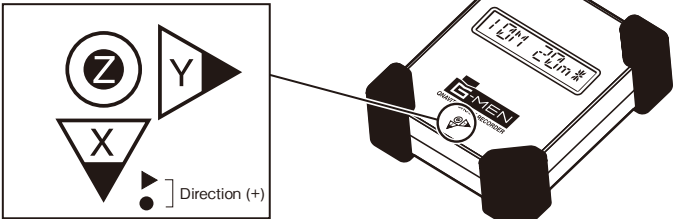
■ Warning Sticker

■ User Registration Card ■ Startup Guide ■ User's Manual
■ Warranty Certificate

About the “G-MEN” 3-Axis Direction Symbol

G-MEN measures the acceleration with 3 direction sensors, X,Y and Z.
Each sensor detects positive and negative force.
Graphs and CSV data depict acceleration with values of X-, Y- and Z-axes
and +/- signs.

The “G-MEN” 3-Axis Direction Symbol



Note

- Copying or reproduction of this User's Manual in part or in whole without prior authorization is strictly prohibited.
- Specifications, design and any other information included in this User's Manual may be revised without prior notice.
- To the best of our knowledge, this User's Manual is accurate at the time of printing, but should you encounter any omissions or inaccuracies, please contact your dealer or our Customer Support.
- This product is designed and manufactured for use within Japan.
- This product is designed to be used while attached and packaged with the object to be measured.
- Please handle with care as excessive direct impact may damage this product.
- This product is not intended for monitors and such equipment relevant to human and animal lives.
- This product is not an instrument specializing in measuring acceleration.
- This product is a data logger which records acceleration and temperature over an extended period of time.
- In no event will SRIC be liable for any direct or indirect damages of any kind incurred by the results of using this product.
- This product is designed and manufactured to ensure high reliability, however, absolute operation guarantee is not possible. If this product use is intended for providing proof for compensation for damages or insurance claims of high value, the use of multiple products is recommended.
- This product is intended for use under normal living conditions, and cannot be used under condensation, oil, water or extreme temperatures. Operation and data are not guaranteed under high-energy radiation. The user is responsible for the operating environment of this product.
- This product is battery-operated. It will run stably for approximately one month with new batteries, but if you intend to record for an extended period of time, be sure to use new batteries.
- The USB (Universal Serial Bus) standard used herein is HSSI.
- Logos and Windows7 used herein are trademarks of Microsoft Corporation.
- In this Manual marks such as TM, R, C have been omitted.
- Usage not described in this Manual is strictly prohibited.
- Operating Systems compatible with this product is limited.
- SRIC will not be liable for any damages incurred if the user does not use the product correctly, or has handled it in any way other than described herein, or has tampered with or changed it in any way, or if it has been repaired or changed in any way by a third party.

Attention

For your safety, please read the “Safety Precautions” and the “User's Manual” carefully prior to use.

Usage

- This product cannot be used under water, at high altitudes, up high in the air, or where there is no gravity.
- This product cannot be used where the temperature range is under 0°C or over 50°C.

Placement

- Do not leave the product under direct sunlight, near any heat source, inside closed vehicles or freezers.

Power Supply

- Replace with new batteries before use. When not in use for an extended period of time, remove batteries before storage.
- Accidental swallowing of batteries is dangerous. Keep out of reach of children.

Warranty

- In no event will SRIC be liable for any direct or indirect damages of any kind incurred by the results of using this product.
- Operation cannot be guaranteed for usage other than described in this Manual.

Repairs

- For maintenance during and after the warranty period, please contact your dealer or our Customer Support.

Caution

- Do not scratch the surface or spill water on the liquid crystal display panel.
- When inserting the battery, make sure the positive and negative ends are facing the correct direction.
- When not in use for an extended period of time, take the battery out before storing.
- Always hold the plug when connecting and disconnecting the USB cable provided.
- Never handle with wet hands.
- Keep the product and batteries out of reach of children.

Specifications

Model	G-MEN DR01		G-MEN DR20		G-MEN DR100
Measurement	3-Axis Acceleration・Temperature・Humidity		3-Axis Acceleration・Temperature・Humidity		3-Axis Acceleration・Temperature・Humidity
Acceleration Sensor (Passive Acceleration)	1G (Precision ±10%)	2G (Precision ±10%)	20G (Precision ±10%)	10G (Precision ±10%)	100G (Precision ±10%) Gravitational acceleration is not supported.
Measurement Resolution	0.01G	0.02G	0.2G	0.1G	1G
Response Frequency	0Hz～100Hz		0Hz～100Hz		16Hz～100Hz
Temperature	0～50°C (±3°C)				
Humidity	30～90%RH (±10%RH)				
Sampling Cycles	5 Cycles (1 msec・2 msec・5 msec・10 msec・20 msec)				
Recording Interval	1,5,10,15,20,30,secs.+1,2,3,4,5,10,15,20,30 minutes (Selectable)				
Display	LCD				
Recording Capacity	65,500 data (1 data: Date, time・X Axis・Y Axis・Z Axis・Temperature・Humidity)				
Record Saving	EEPROM				
Connection	USB (miniB) 2.0				
Operating System Requirement	Windows7 (32/64bit)				
Power Source	AA Alkaline Batteries (LR6) x2				
Battery Life	Approximately 50 days (at Sampling Cycle of 10 msec) *				
Operating Temperature and Humidity Range	0～50°C, RH less than 70% (no condensation)				
Measurement	75.5 (H) ×60.5 (W) ×33 (D) mm				
Weight	Approximately 135g (including batteries)				
Accessories	USB Cable・AA Alkaline Batteries (2)・Warning Sticker Attachment Plates (2)・Software (CD-ROM)				

* It depends on measurement environment and battery performance.

Safety Precautions

Definition

	Warnings	Failure to follow these instructions could result in death or serious injury.
	Caution	Failure to follow these instructions could result in mild or moderate injury.

Symbols and Conventions

	⚠ Warning (includes Caution). ⚠ The description is shown in the pictogram. The example at left indicates “General Caution・Warning・Danger”.
	⊘ Prohibited (Avoid). The description is shown in the pictogram. ⊘ The example at left indicates “Dismantling Prohibited”.
	● Compulsory (Required). The description is shown in the pictogram. The example at left indicates “Remove plug from socket”.

Warning

Please read the following instructions and the User's Manual carefully prior to use. This device is limited to use as attached and packaged with the object to be measured.

Do not drop the device and avoid excessive impact.

Do not use for objects relevant to human or animal life.

This device is not a high precision electronic measuring instrument.

Do not dismantle or attempt to modify the device.

Do not use or store under the following conditions.

- ・Extremely high temperatures (Under direct sunlight, near heaters)
- ・Extremely low temperatures (In the refrigerator, in extremely cold weather)
- ・Near water (In the bathroom, on the water, at sea, in the water, in the sea)
- ・Areas affected by acid, alkaline, organic solvents, corrosive gases, etc.

Inquiries to Support Center

- Inquiry to Support Center are restricted to those who have registered as a user.
Information required
1. User's address, name, and telephone number
2. Product model number in use
3. Usage environment (The model name of the apparatus connected)
4. Present condition in detail.

Support Center

e-mail support-box@g-men.jp

Repairs

- For repairs, check the items below and contact your dealer or our Customer Support.
- As a general rule, the user is responsible for the cost of delivering the product for repairs. You will not be charged for the cost of receiving your product after repairs.
- Please attach a note stating the circumstances of the
- The following will void your warranty and any repairs will be subject to a fee.
 1. Failure to present the Warranty Certificate
 2. Incomplete Warranty Certificate
 3. Damage caused by incorrect use, or caused by accidents after purchase
 4. Unauthorized modification or changes to the product

