

Key Specifications

Model	G-MEN GR20 / GL20 / GP20	
Measurement Items	3-axis acceleration, temperature and humidity, latitude and longitude altitude (GP20 only)	
Accelerometer	Static acceleration: 20G (± 10%)	Static acceleration: 10G (± 10%)
Response Frequency	Choose from 100Hz, 70Hz, 45Hz, and 25Hz (cut-off frequencies may have an error of up to ± 20%)	
Minimum sampling cycle	1msec	
Measurement Resolution	0.2G	0.1G
Temperature range	0~50° C (accuracy ± 3° C)	
Humidity range	30~90% (accuracy ± 10%)	
Recording interval	GR20 and GL20 Choose from 1 second, 5, 10, 15, 20, 30, 1 minute, 2, 3, 4, 5, 10, 15, 20, 30 GP20 Choose from 30 seconds, 1 minute, 2, 3, 4, 5, 10, 15, 20, 30 (1 second, 5, 10, 15, 20 can be set when GPS-OFF is on)	
Recording Capacity	GR20 & GL20 65,500 data (1 data date and time, X-axis, Y-axis, Z-axis, temperature, humidity) GP20GPS-OFF: 130,000 data (1 data date and time, X-axis, Y-axis, Z-axis, temperature, humidity) GP20GPS-ON: 43,000 data (1 data date, time, X-axis, Y-axis, Z-axis, temperature, humidity, latitude, longitude, altitude, GPS acquisition time)	
Action Representation	LCD display	
Record Keeping	Non-volatile memory	
Communication Methods	USB (Type-C) 2.0 compliant	
power	2 AA alkaline batteries (LR6×)	
Battery life	Approx. 45 days (sampling period 1 msec) GL20 for approximately 12 days with continuous Bluetooth operation depending on measurement conditions, measurement environment, and battery performance / Approx. 1 week for GP20 with GPS-ON	
Operating temperature and humidity range	0~50° C 70%RH or less (no condensation)	
Dimensions	75.5(H) × 60.5(W) × 33(D) mm	
mass	Approx. 135g (including battery) *GPS antenna is not included.	
accessory	USB cable, AA alkaline batteries (2 pieces), caution sticker (1 piece), magnetic mounting fixing bracket (1 pair), dedicated application (CD-ROM), GPS antenna (GP20 only)	