

Product specifications

Product number		M-G370	M-G365
Rate range	Triple gyroscopes	± 450 °/sec	
	Tri-axis accelerometer	$\pm 4G$ / $\pm 10G$	
Accuracy and stability	Gyro bias instability	0.8 °/hr	1.8 °/hr
	Angle random walk	0.06 °/ $\sqrt{\text{hr}}$	0.08 °/ $\sqrt{\text{hr}}$
Scale factor non-linearity	Triple gyroscopes	0.05 %FS (<300 °/sec)	
	Tri-axis accelerometer	0.1 %FS (<5 G)	
Output resolution		16-bit / 32-bit	
Digital serial interfaces		SPI & UART	
Internal compensation at factory (compensated temperature range: -40°C to 85°C)		Bias, scale factor, misalignment (axis to axis)	
Output data rate		Up to 2,000 Sps	
Calibration & operating temperature range		-40°C to +85°C	
Current consumption		16 mA @ 3.3 V	
Orientation angle output		-	Tilt angle (X & Y axes) Euler angles (Roll & Pitch)
Other features		External trigger input, etc.	
Size		24 x 24 x 10 mm	
Weight		10 g	

* These specifications are subject to change without notice.