

# Pegasus-G Unit Technical Data Sheet

Parameter	Value(s)	Units
Acceleration measurement range (minimum)	±5	g
Acceleration resolution	12	milli-g
Acceleration noise <sup>2</sup>	12	milli-g
Acceleration non-linearity	0.1	% full-scale
Cross-axis coupling	2	%
Sample rate (max)	100	samples/sec
Dimension (l x w x h)	78 x 36 x 19	mm
Weight	51	gram
Operating temperature range	-10 to +60	°C
Full specification temperature range	+10 to +40	°C
Storage temperature range <sup>3</sup>	-25 to +70	°C
Temperature sensor resolution	0.5	°C
Ingress protection (IP) rating	40	
Mechanical shock withstand (0.5msec haversine)	>4000	g
Acceleration measurement range (minimum)	±5	g
Acceleration resolution	12	milli-g
<p>Notes</p> <p>1) All parameters typical figures measured at 25°C and 100Hz sample rate unless otherwise stated.</p> <p>2) The root-mean-squared fluctuation on a large set of readings on a stationary unit.</p> <p>3) Limited by the ABS enclosure: electronic components -40 to +125°C.</p>		

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