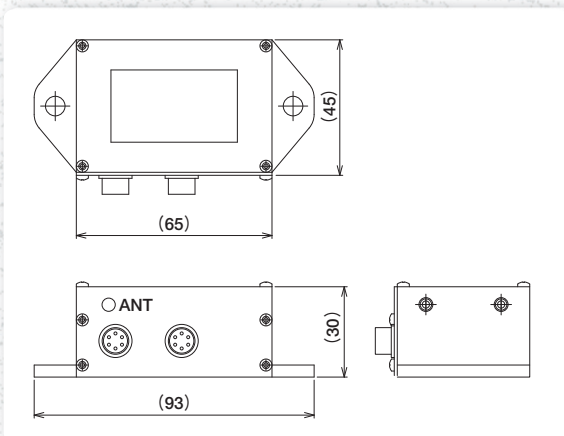


**Position and Attitude Sensor**

- Compact and lightweight
- CAN signals as well as RC232C output
- Internal software-generated position and attitude angle data
- Enhanced GPS position accuracy with onboard accelerometers
- Minimal azimuth drift with integrated GPS receiver and magnetic compass
- Precise pitch and roll data output
- Wide dynamic angular rate measurement range



**The VSAS-2GM sensor houses three vibratory gyroscopes, three accelerometers, GPS receiver, magnetic compass and control electronics in a single, very compact and light weight package.**



<b>Measurement range</b>	Azimuth	±180 deg
	Pitch angle	±90 deg
	Roll angle	±180 deg
	Max. input angular rate	150 deg/s
<b>Accuracy</b>	Position	15 m or less
	Azimuth	3 deg rms
	Pitch angle / roll angle	2 deg rms
<b>Dimensions, weight</b>	W65×D45×H30mm Less than 150g	
<b>Output specifications</b>	Digital output	RC232C / CAN ISO11898
	Output frequency	100 Hz
<b>Power supply</b>	+12V / 0.2A Allowable voltage : +9 to +18V	
<b>Environmental</b>	Temperature -35 to +60°C	Humidity : 50±30%

Patent pending

RoHS compliant

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