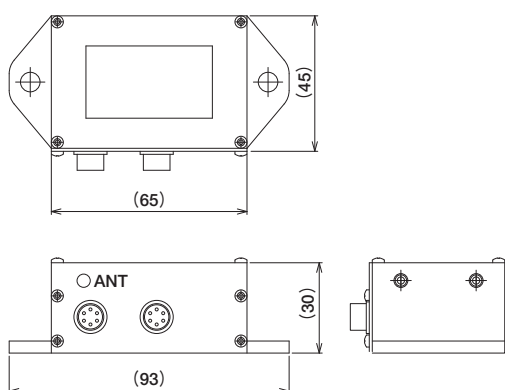


Position and Attitude Sensor

- 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.



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

Patent pending

RoHS compliant

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