

OMNIDOTS SWARM V2 SENSOR VIBRATION MONITORING SYSTEM



Data acquisition	Direction	X,Y,Z
	Range frequency	0.5 - 100 Hz
	Range velocity	0.2 - 50 mm/s
	Resolution	0.01 mm/s
	Dominant frequency determination	FFT
GPS location	Sensor type	GPS receiver
	Accuracy	10 meter CEP
Sensor tilt	Maximum velocity level	80 mm/s

Logging interval time	Range	2 - 6000 s
Trigger level (minimum logging level)		0.2 - 50.0 mm/s
Applicable standard		SBR-A
Alarm settings	Number of alarm levels	2
	Alarm level curve	SBR curve
	Type of message	E-mail, SMS and personal dashboard

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Webpage	Velocity	Top velocity
	Frequency	Dom Frequency
	Traces	1000 KHz data
	Trace length	2 - 10 seconds
	Number of traces	100 / day
	Data Storage	Secure Data centre

Time	Clock Stability	0.01 sec
Battery	Type	Li-ion
	Operating time	50 - 500 hours
Connection	Connector	Mini USB
Communication	Wireless	WiFi, 3G
	Cable	USB
Modem	Sim type	Micro
	Network	3G
Ambient Conditions	Moist protection	IP65
	Temperature range operating	-10 - 70 degree Celsius
	Temperature range storage	-30 - 90 degree Celsius
Dimensions Swarm		10.9 x 13.0 x 4.5 cm
Weight Swarm		260 gr
Mounting	Included	1 screw, 1 plug
Sensor positioning	Auto leveling	Automatically adjustment by gravity