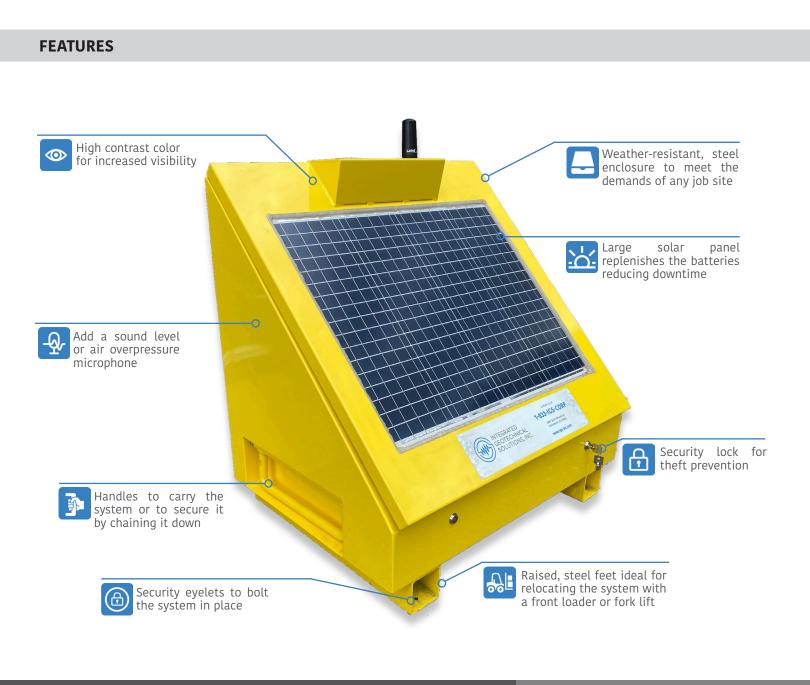




In

The Remote Vibration Monitoring System (RVMS) with Solar by IGS provides near real-time, continuous monitoring of vibration and noise or air overpressure. It combines industry leading seismograph equipment from Instantel[®] for automated event notification and data transfer.

It has a steel, weather-resistant enclosure, batteries and backup solar support for reliability during long-term projects. With it's high contrast color to increase visibility, it is designed to handle even the toughest job sites.



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RVMS-S Remote Vibration Monitoring System with Solar



SPECIFICATIONS

System Specifications		
Battery Type	Rechargeable Sealed Lead-Acid	
Run-Time on Battery	14 Days with 1 Call-In per Day	
Run-Time on Solar	6 Months with 1 Call-In per Day	
Battery Capacity	100 Amp Hours	
Battery Voltage	12 Volts	
Temperature Range	5 to 122°F (-15 to 50°C)	

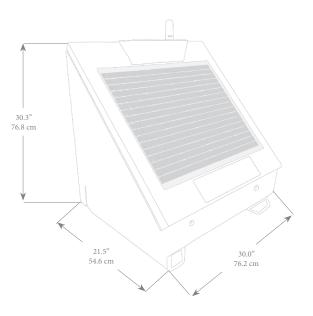
Micromate [®] Specifications		
Seismic Trigger	0.005 to 10 in/s (0.13 to 254 mm/s)	
Sample Rate	1024, 2048 or 4096 sps	
Record Modes	Waveform, Waveform Manual, Histogram, Histogram Combo	
Battery	10-day Lithium Ion	
Temperature Range	-40 to 131°F (-40 to 55°C)	
Storage	up to 1000 events	

Available Sensors			
Geophone			
Frequency Range	ISEE: 2-250 Hz DIN: 1-315 Hz		
Range	Up to 10 in/s (254 mm/s)		
Resolution	0.00031 in/s (0.0078 mm/s)		
Sound Level Microphone			
Weighting Scales	A-Weight or C-Weight		
Range	30 to 140 dB		
Frequency Range	Up to 20 kHz		
Resolution	0.05 dB		
Accuracy	IEC 61672 Class 1		
Linear (Air Overpressure) Microphone			
Range	Up to 500 Pa (148 dB _L)		
Frequency Range	2 to 250 Hz		
Resolution	0.0156 Pa		

DIMENSIONS & WEIGHTS

	Standard	With a Battery	
Height	30.3 in (76.8 cm)		
Width	30.0 in (76.2 cm)		
Depth	21.5 in (54.6 cm)		
Weight	128.5 lb (58.29 kg)	199.5 lb (88.68 kg)	







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