

SPECIFICATION SHEET: VIBRATION MONITOR



Traces	1000 samples per second
Ingress protection rating	IP65
Operating temperature range	-10°C to 70°C
Storage temperature range	-30°C to 90°C
Number of traces	Unlimited
Data storage	Secure data centre
Alarm message types	E-mail, SMS, personal dashboard
Connectivity	
Wireless	WiFi, Bluetooth
Network	4G/LTE
Internal Memory	~ 1 work week storage
Dimensions (mm)	214H x 94W x 55D
Weight	800g

Data Acquisition	
Direction	X, Y, Z
Range frequency	0.5 - 250 Hz
Range Velocity	±300.0 mm/s
Measurements	PPV, PPA, PVS, VDV, Veff(max), Vper, KBFmax, KBFTm, Velocity traces
Noise (RMS)	25 um/s at 250 Hz BW
Resolution	0.5 um/s
Dominant frequency determination	FFT
Applications	Construction (metric / imperial), Blasting, Mining
Sensor type	GPS Receiver
Accuracy	10 meter CEP
Logging Interval Time Range	2 - 6000 seconds
Alarm Triggers	0.1 - 300mm/s
Alarm level curve	SBR curve, DIN curve, Cirulaire '86, Straight line
Applicable Standards	SBR-A / DIN4150-3 / BS7385 / SBR-B / DIN4150-2 / Cirulaire du '86
Power source	External
Minimal power supply	5V 1A
Power consumption	25mW sleeping, 1W idle, 3W active, 5W max
Dashboard Cloud Service	
Displays	PPV, PPA, PVS, VDV, Veff(max), Vper,