

VIBE PORT

Vibration and Temperature Transmitter

Specifications	Wireless Transmitter	Wireless Portable Receiver
Mechanical		
Housing	Stainless Steel 316	Pelican Case
Size	400 x 400 x 200mm	47 x 36 x 18cm
Weight	10 kg	1.5 kg
Environmental		
Temperature Range	0 - 50° C (32 - 122°F)	0 - 50° C (32 - 122°F)
Sealing	IP66	IP66
Compliance	EN, FCC	EN, FCC
Comms		
Communications	2.4 GHz IEE 802.11	2.4 GHz IEE 802.11
Network Connection	100m (Boosters available)	100m (Line of sight)
Total network devices	8	1
Power Supply		
Battery Type	12VDC - Lead Acid / Lithium Ion	Rechargeable Lithium Ion
Power Usage	600ma @ 12VDC	600ma @ 12VDC
Battery Life	1.5 - 2 Years	8 Hours
Analog		
	Inputs	Outputs
Number of channels	8 Vibration + 8 Temperature	2 x BNC (Vibration & Temperature)
Compatible Sensors	IEPE/ICP Accelerometers	~
Sensor Drive current	Internal - constant	~
Channel Scan	20 Second rolling buffer	~
Analog Measurements		
Sampling Rate	50kHz	~
Fmax	19.52 kHz	~
AC Frequency Response	Dependant on sensor used	~
Accuracy	Dependant on sensor used	~

Wireless

The 8 Channel Vibration and Temperature Vibe Port Wireless transmitters send data from any IEPE accelerometers via 2.4GHz up to 100m. The signals from up to 8 transmitters (64 Vibration and 64 Temperature) can then be captured via a BNC jack on the Vibe Port Wireless portable receiver ensuring vibration analysis is performed in your existing vibration software program.

