

VIBE PORT

Vibration and Temperature Transmitter

Specifications	Cell Net Transmitter	Desktop / Portable Receiver
Mechanical		
Housing	Stainless Steel 316 / Pelican Case	Polycarbonate / Pelican Case
Size	400x400x200mm / 47x36x18cm	27x17x10cm / 47x36x18cm
Weight	10 kg / 2.5 kg	500 g / 2.5 kg
Environmental		
Temperature Range	0 - 60° C (32 - 122°F)	0 - 60° C (32 - 122°F)
Sealing	IP66	~ / IP65
Compliance	EN, FCC	EN, FCC
Comms		
Communications	Ethernet TCP/IP, 10/100baseT	Ethernet TCP/IP, 10/100baseT
Network Connection	RJ45 Socket	RJ45 Socket
Network Interface	3G/4G (Up to 100Mbps)	3G/4G (Up to 100Mbps)
Sim Card	1.8V/3V UIM/SIM cards	1.8V/3V UIM/SIM cards
Power Supply		
Input Voltage	90 - 254VAC - 12VDC, 1.3A	240VAC / 12VDC, 1.3A
Power Usage	600ma @ 12VDC	600ma @ 12VDC
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	67 seconds	~
Analog Measurements		
Sampling Rate	50kHz	~
Fmax	19.52 kHz	~
AC Frequency Response	Dependant on sensor used	~
Accuracy	Dependant on sensor used	~
Software		
Vibration Hub	On Demand / Auto	On Demand / Auto

Cell Net

The 8 Channel Vibration and Temperature Vibe Port Cell Net transmitters send data from any IEPE accelerometers via Cell Net/Mobile Sim card signal. These signals can then be captured at any location with cell/mobile coverage access using any vibration analysis equipment ensuring you can use your existing vibration analysis platform.

