

# EXPERTKIT

VIBRATION AND TEMPERATURE  
MONITORING PACK



- ▶ PLUG & PLAY MONITORING
- ▶ WIRELESS SOLUTION
- ▶ EXPERT TOOL
- ▶ ATEX/IECEX CERTIFIED
- ▶ TRIAX OPTION






# EXPERTKIT

Wi-care Expertkit: all you need to quickly and easily install and configure a temporary or permanent vibration and temperature monitoring system.

## EXPERTKIT

PERFORMANCE	Number of axes	Mono-axial and Tri-axial option
	Amplitude range	±25 to ±50 g peak
	Frequency response @± 3dB	1 Hz to 10 kHz
	Temperature measurement range	± 1°C
	Sampling frequency	256 to 80 kHz
	Time waveform number of points	512 to 32 000 points FFT resolution 800 to 16 000 lines
	Vibration limit / Shock limit	5000 g peak
PHYSICAL	Size and weight	65*65*59 mm., 185g without sensors
	Case material	Polymer Components
	Mounting	M6 or magnet
	Sealing	IP67
ELECTRICAL	Standard battery	Lithium Thionyl Chloride 3.6V 8.5 Ah
	Battery life	5 years with 4 expert measurements set per day
OPERATING REQUIREMENTS	Humidity limits	0-95%
	Solvent resistance	Common solvent resistant
	Hazardous environments	 EX ia IIC T3 Ga (-20°C ≤ Ta ≤ + 85°C)
WIRELESS RANGE	Point to point	100 meters in open air
	Using range extender	800 meters in open air

Wi-care™ and its product range are developed and produced by I-care srl



PASSIONATE ABOUT RELIABILITY,  
COMMITTED TO YOUR PERFORMANCE !

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