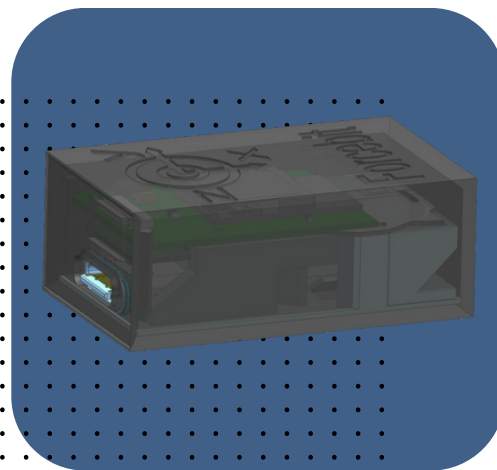


FORCEBIT SENSOR SOLUTIONS

DOT



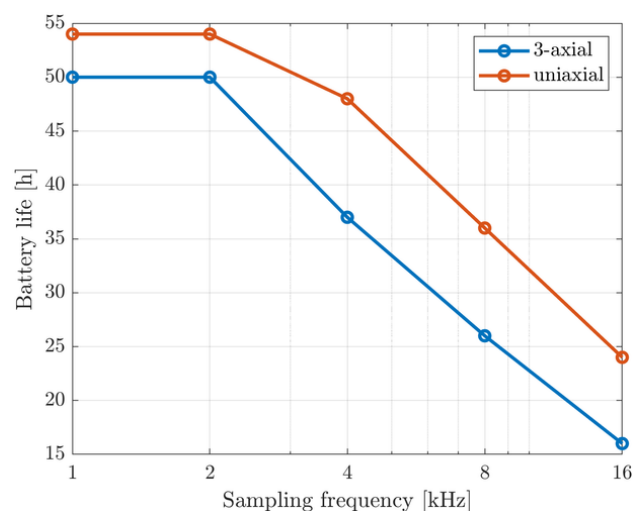
Wireless 3-axial accelerometer measuring linear acceleration

Discover the Advantages of Our Advanced Sensor:

Our sensor features cutting-edge **MEMS technology**, ensuring a highly accurate flat frequency response from 0 to 4 kHz. With its **wireless, rechargeable** design and effortless **plug-and-play installation**, setting it up is a breeze. The built-in sleep mode enhances energy efficiency, extending its operational time.

Thanks to its **compact size and cable-free design**, the sensor is minimally intrusive and can be easily deployed in any environment. Enjoy **real-time data streaming** for fast and reliable results, even with high data throughput. Seamless integration with existing analysis tools allows you to **monitor up to six sensors simultaneously**.

Our acquisition software is included for free with the purchase of our sensors and operates without the need for an internet connection, making it perfect for any environment.



Resolution	16-bit @ 70 ug/√Hz	Data format	*.csv
Range	2 g, 4 g, 8 g, 16 g	Operating temperature	-40°C to 60°C
Bandwidth	0 – 4 kHz	Dimensions/weight	12 x 20 x 34 mm³/9.5g
Sampling rate	up to 16 kHz	Autonomy (rechargeable)	34 hours @ 4 kHz
synchronicity	10 micro-seconds	Aggregated sample rate	48 kHz

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