

Quantum®

Accuseis Sensor Option

FEATURES

- All-in-one single component recording unit with internal MEMS sensor
- Operated through INOVA's Command and Control software
- Patented MEMS accelerometer and custom electronics to record P-wave data
- Offers flat amplitude and phase response over a wide frequency range
- Insensitivity to tilt-degradation enables faster deployment
- Automatic tilt correction and updating of measured tilt

Data Storage Capacity: 16 GB non-volatile flash memory



24 Bits (23 + Sign)

QUANTUM SPECIFICATIONS

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JENJUK	JFECIFI		UND

Digital Quantization:

		Sample Rate:	4 ms, 2 ms, 1 ms
Integrated Battery:	Rechargeable Li-ion	Time Standard:	Phase locked to GPS clock
Battery Life:	23 days typical, 24 Hr operation	Full Scale (peak):	Normal Mode: 3.3 m/s² (335mG) Large Signal Mode: 4.9 m/s² (500mG)
Wireless Communication: GPS:	Bluetooth LE, HyperQ L1-GPS /QZSS, GLONASS, BeiDou, Galileo	Noise:	Normal Mode:0.3 µm/s²/VHz (30nG/VHz) 3 Hz to 400 Hz
		Dynamic Range:	Normal Mode: 118 dB
Timing Accuracy:	+-20 µs	Frequency Response:	0 to 400 Hz
Charging Temperature:	+5 °C to + 40°C	Digital High-Cut Filter:	0.82 Nyquist
Operating Temperature:	-40 °C to + 70 °C	Total Harmonic Distortion:	< -100 dB
Water Immersion:	IP68		