The STRYDE Node™

The world's smallest, lightest, and most affordable autonomous seismic node for high-density land seismic acquisition

COMPACT

129x41m weighing in at 150g

OPERATING TEMPERATURE

+70C to -40C

AUTONOMOUS RECORDING

28 days with 24/7 continuous recording, and 45 days with 12 hours per day recording

CHARGE & DOWNLOAD TIME

4 hours

GNSS

Precise timing

EFFICIENT

Wireless charging and optical data transfer enables unparalleled battery management and data offload efficiency

RELIABLE

Outstanding track record of operational reliability

PORTABLE

Carry up to 90 Nodes per person for efficient deployment and to reduce the need for vehicles in the field

ROBUST

Sealed casing allows for deployment in wet conditions, with IP68 rating

Everything you need to know

Sensor	Piezoelectric Accelerometer
Output sample interval	1ms, 2ms
Polarity	SEG
A/D conversion	24-bit Sigma-Delta
Frequency band	1-125 Hz

Noise density	22ng/sqrt(Hz) @ 16dB
Max input signal level	0.6g 0.1g
Gain steps	0dB 16dB
Shelf life in storage	>18 months at room temp
Supported GNSS constellations	GPS, GLONASS