

Antenna  
(GPS, 4G & Wi-Fi)

# SensorEra

## SeismicityAlert®

Solar Charging

Lithium Battery  
Pack 14"

6C Motion Sensor +  
3C Magnetometer  
(MEMS) 14"

Up to 10' Depth

**SeismicityAlert®** is a unique integrated system leveraging the latest technology of system-on-chip (SoC), Micro Electro-Mechanical System (MEMS) and Internet-of-Things (IoT). It offers a simple, economical, versatile and powerful platform for complex tasks. Data are streamed to the end user in real-time using our cloud platform via Ethernet, Wi-Fi or 4G networks.

Seismic monitoring of six-component (6C) ground motion is applied to **Carbon Capture & Storage (CCS), hydraulic fracturing, enhanced geothermal, Reverse-VSP, wastewater disposal, salt cavern storage, active seismic and induced seismicity** applications.

Our low-noise, high-sensitivity autonomous sensors can be interrogated remotely, are self powered and easy to deploy - eliminating the need for expensive seismic crews.

- Low cost
- High sensitivity 6C motion
- Sensor orientation by 3C magnetometer
- Fast sample rates
- Low power consumption
- Autonomous solar charging
- Compact, light and transportable
- Minimal environmental impact
- Very low HSE risk
- Sealed and ruggedized for years of service
- Permanent or retrievable deployment
- Easy to deploy
- 4G and Wi-Fi enabled

For more information, please contact  
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