



ARRAY SEISMIC LIFE DETECTOR



PRODUCT INFORMATION

A rescue device capable of collecting vibration and sound signals from trapped people's knocks under ruins for precise life search. Equipped with a special microelectronic processor, highly sensitive vibration sensors and positioning modules, its array arrangement enables multi-point fixed deployment, providing strong support for rescue work.

It is applicable to multiple scenarios such as earthquake rescue, landslide, mine accident and building collapse.

APPLICATION SCENARIO

In earthquake rescue, quickly bring the array seismic life detector to the scene, arrange, control and clear the site as per the environment. Its highly sensitive sensors capture trapped people's faint sounds; aluminum alloy filters noise for accurate positioning. Rescuers can use the two-way voice call function of this product to communicate with the trapped people, stabilize their emotions, further lock the position of the trapped people, greatly improve the rescue efficiency, and gain precious time for life rescue.

Array Seismic Life Detector

CAMB-RAD



FEATURES

All-Wireless Design: Supports simultaneous networking of multiple sensors, with audio changes displayed on the same screen in real time.

Unique Shape: Hexagonal prism design for easy gripping; labeled with silk-screened permanent serial numbers.

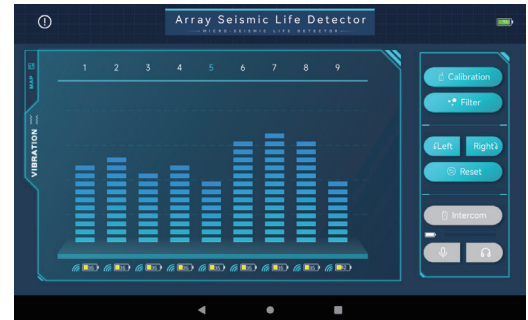
Sound Restoration: True reproduction of trapped persons' knocks, scratches, etc. Equipped with adjustable high-frequency filtering coefficients to effectively filter on-site noise; aluminum alloy probes ensure transmission performance.

Real-Time Voice: Features two-way voice communication and left-right channel adjustment.

Relative Positioning: Real-time display of sensors' relative position and orientation to the host for easy locating.

Durable: High protection rating, 1m drop resistance, waterproof, dustproof and shockproof.

USER INTERFACE



TECHNICAL SPECIFICATIONS

Main Unit

Frequency Response Range	0.1 ~ 5000Hz
Connection Method	Wireless WIFI
Communication Distance	80 meters
Size	90*78.5*70mm ±10%
Weight of Microseismic Probe	≤500g±10%
Waterproof	IP67
Working Time	≥10h ±10%
Drop Resistance	2 meters

Intercom Probe

Cable Length	10meters
Size of Acoustic Relay Probe	100*78.5*70mm±10%
Size of Voice Probe	φ32mm, h167mm±10%
Weight of Acoustic Relay Probe	415g±10%
Working Time	≥10h±10%

Display and Control Terminal

Display Screen	8 inches, 1280*800 resolution
Storage	8+128GB
Protection Level	IP65

System

Filtering	0 ~ 100%Stepless adjustment
Number of Connected Microseismic Probes	2-10
System Configuration	Display and control terminal, microseismic probes (2 - 10 pieces), voice intercom probe (with 10 - meter connection cable), magnetic metal sheet, metal probe, antenna, noise - canceling headphones, adapter, charger, instruction manual, packaging box



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