TerraTracker

ARAM Mobile

Adaptable Radiation Area Monitor (ARAM) for Mobile Deployment

Detect. Locate. Prevent. For Law Enforcement, First Responders, and those charged with protecting Critical Infrastructures.

THE THREAT

Illicit transportation of Special Nuclear Materials (SNM) remains a threat to the public. Recent attacks worldwide serve as reminders that terrorists can employ improvised explosive devices (IEDs) as weapons of mass destruction and mass disruption. With groups like ISIS and others actively seeking nuclear material to build Improvised Nuclear Devices (INDs), investing in Preventive Radiation and Nuclear Detection (PRND) such as mobile radiation detectors and radiation detection portals remains a high priority for infrastructure and civilian protection.

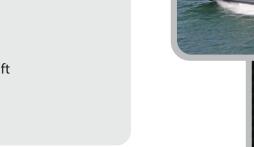
OUR SOLUTION

TerraTracker enables law enforcement and first responders to detect, locate, and prevent SNM threats coming by land, air, or water, with our Adaptable Radiation Area Monitor (ARAM). Our technology includes a self-contained radiation detection system comprised of an R&D 100 Award-winning Radiation Detection technology.

Adaptable Radiation Area Monitor (ARAM) - Mobile

A Radiation Detection System Designed for Law Enforcement PRND Field Operations

- Real world proven
- Easy and intuitive to use
- Detects SNM on the move or stationary
- Detects on the move in land, air and water craft
- Isotope identification
- Wireless connectivity for reachback



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The ARAM Mobile Monitor includes gamma detectors, neutron detectors, and a notebook or tablet computer. This system can be configured specifically for your vehicle dimension and performance requirements.

At TerraTracker, we value national security and safety. With our Adaptable Radiation Area Monitor (ARAM) system, we are proud to support the Law Enforcement and Homeland Security community that protects our fellow citizens. We are committed to enabling Public Safety and First Responders to "Detect. Locate. Prevent.

> Contact us with your design and performance requirements.

ARAM Mobile Product Specifications

PHYSICAL Enclosure Dimensions (LxWxH) 39" x 18" x 7" (each) Detector Components Configuration Weight Power

1 Gamma Detector, 2 Neutron Detectors 2 Enclosures per Vehicle (Left and Right) 75 lbs. each, 150 lbs. total 12 VDC

ENVIRONMENTAL Operating Temperature Protection Rating

-15 to +55 C IP 66 (Minimum)

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2" x 4 x 16"

DETECTORS and PERFORMANCE

Gamma Detector Material Gamma Detector Dimensions Gamma Energy Resolution Nuclide Identification Standard

Neutron Data and Reachback File Format N42.42

8% @662 keV ANSI N42.38, Plus Categorization for SNM, Industrial, Medical, NORM 23" He3

COMPUTER SYSTEM

Operating System CPU RAM **Disk Space** GPS

Windows 10 or later 1.7 GHz 4 GB 500 GB External (Internal Optional)

"ARAM not only makes nuclear counterterrorism mobile, it makes radiation detection portable."

