

MINI RAD-V

VEHICLE MOUNTED RADIATION DETECTOR



Description

Recognizing elevated radiation levels and detecting radioactive materials has never been easier with the ultra sensitive Mini Rad-V vehicle mounted radiation detector. It takes the proven performance and reliability of the Mini Rad-D and Rad-D technology to new levels for first responders and those concerned with discovering unwanted radioactive materials.

The Mini Rad-V will give the occupants of the vehicle an instantaneous alarm (< 1 second) when the radiological conditions minimally exceed normal background levels. Although the Mini Rad-V constantly calculates and updates the background conditions, the end-user does have the option of manually adjusting for higher than usual radiation environments. The Cesium Iodide Scintillation detector is encased and protected in a durable polymer enclosure that is designed to be impervious to even the harshest environmental conditions.

This external sensor is designed to be easily and discreetly installed behind the protective grill structure of virtually any vehicle. Because the Mini Rad-V employs patented anti-vibration technology in its construction, the end user is ensured of reliable performance no matter how much punishment the vehicle is subject to.

Detector

1.3 cm diam x 3.8 cm Cesium Iodide Scintillation detector with high sensitivity photo-multiplier tube

Calibration

Automatic

Sensitivity

Alarms at 55µrem/hr (~63µR/hr)

Response Time

Less than 1 second

Display

Large LED indicators for in-cab viewing

Alarm

Loud audible alarm (with acknowledge button)

Environment

-23° to 50°C (-10° to 122°F)

Operates in high RF and other harsh environments

Enclosure

External Sensor Housing

Sealed waterproof and shock isolated

External Sensor Dimensions

245 x 140 x 95 mm (6.2 x 3.6 x 2.4)

External Sensor Weight

1.25 lb (.57 kg)

Warranty

2 year parts and labor

SE INTERNATIONAL, INC



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