

Mini Rad-V G2

Vehicle Mounted Radiation Monitor



The next generation **Mini Rad-V G2** vehicle mounted radiation detector takes the proven performance and reliability of the Mini Rad-D technology to new levels for all responders concerned with discovering unwanted radioactive materials and elevated radiation levels.

The ultra-sensitive Cesium Iodide Scintillation detector is encased and protected in a robust polymer enclosure that can be placed in an unobtrusive exterior location. The Mini Rad-V G2 has been upgraded to provide enhanced durability and anti-shock capability with more robust internal component construction and configuration. An anodized aluminum cowling has been added to further protect the detection unit from the harsh environments presented by both vehicle and marine applications.

The G2 continues to provide vehicle and vessel occupants an instantaneous alarm (< 1 second) when the radiological conditions minimally exceed normal background levels. While the Mini Rad-V G2 continuously calculates and updates background conditions, the end-user will still have the of manually adjusting the unit if abnormally high ambient conditions are expected.

On the interior, the display and alarm component is very simple to understand and easy to operate. An audible and visual alarm notifies the user that the monitor has detected radioactive materials. The alarm must be physically acknowledged to guard against elevated exposure rates being inadvertently overlooked. As with other D-Tect radiation detection and monitoring devices, there is effectively no training necessary for the mini Rad-V G2 to be used to its fullest capacity. The Mini Rad-V G2 now has a self-diagnostic feature based on various sequences displayed on the display/alarm unit.

Whether you are concerned with dirty bomb components, industrial accidents, or unknowingly adding radioactive materials to your normal payload, the Mini Rad-V will economically enable you to reduce your risks. With an easier and more straightforward installation procedure, when the system is installed and there is power from the battery, the Mini Rad-V G2 is on the job

SPECIFICATIONS

Detector	CsI (Na) with PMT 0.5 x 1.5 in (1.3 x 3.8 cm)
Energy Range	30 keV - 3 MeV
Power	12V DC Stand-by: App 6.22 mA Alarm: App 10 mA
Battery Life	n/a
Response Time	< 1 Second
Calibration	Automatic
Dimensions	
<i>Interior Display:</i>	2.8" x 1.8" x 1"
<i>Exterior Sensor:</i>	4.7" x 3.1" x 1.7"
Weight	
<i>Interior Display:</i>	0.4 lbs
<i>Exterior Sensor:</i>	1.2 lbs
Environment	
<i>Interior Display:</i>	Controlled Environment, operates in high RF environments
<i>Exterior Sensor:</i>	Driving rain, -10° F - 122° F
Warranty	2 years parts and labor

