

# **Radiation Detection In Domestic Security and Military Markets, 2015-2022**

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## **Abstracts**

The security and military sectors are two of the fastest-growing areas for radiation detection, attracting heavy investments at the present time. One obvious factor is the supposed increase in terrorist activity, and a need for monitoring and control aided by radiation monitors deployed at strategic positions for a number of protective or preventative goals. These include confiscating illicit radioactive materials, maintaining tabs on emitted rays from known sources, and measuring radiation in the aftermath of terrorist activities.

Among the trends driving this sector are radiation portal monitors and radiation detection devices that are more portable, from installing in vehicles (including helicopters and even submarines) to backpack units. These are giving rise to new detector designs that emphasize flexibility and speed, as well as improvements in related information systems. We see opportunities in progress toward true portable spectroscopy, new and improved detector technologies including nanomaterials, and integrated networking systems.

In this report, we explore the revenue potential for radiation detection in domestic security and military contexts, from personal radiation detection to fixed installations in airborne and maritime transports. We also analyze the products and marketing strategies of the leading suppliers of radiation detection equipment in these markets. This report includes granular eight-year forecasts (volume and value) broken out by device types and world region.

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