

# SE INTERNATIONAL



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# SE International

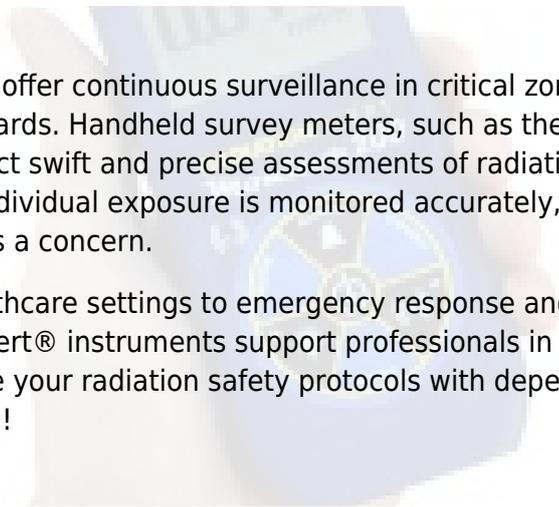


S.E. International, Inc. is a trusted U.S.-based manufacturer of radiation detection instruments under the Radiation Alert® brand. Their product range includes area monitors, handheld survey meters, and personal electronic dosimeters—each designed to deliver accurate, real-time radiation monitoring across a wide range of applications.



Radiation Alert® area monitors offer continuous surveillance in critical zones, providing immediate alerts to potential radiation hazards. Handheld survey meters, such as the Ranger and Monitor 200, enable field personnel to conduct swift and precise assessments of radiation levels. Personal electronic dosimeters ensure individual exposure is monitored accurately, safeguarding workers in environments where radiation is a concern.

From nuclear facilities and healthcare settings to emergency response and environmental monitoring, S.E. International's Radiation Alert® instruments support professionals in maintaining safety and regulatory compliance. Enhance your radiation safety protocols with dependable, user-friendly solutions from S.E. International!



# AREA MONITORS



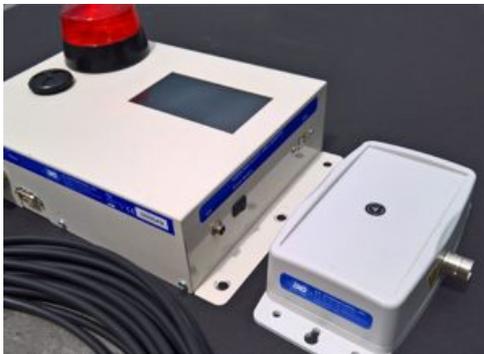
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Radiation Detection > Area Monitors

## AM-2x2 Radiation Area Monitor

The Radiation Alert® AM-2X2 is a state-of-the-art area monitor designed for ease of use and dependable performance. Featuring a smart touch interface, LED display, and external scintillation detector, it's ideal for room, portal, and source monitoring in medical, research, and industrial environments. With built-in alerts, remote monitoring software, and rugged housing options, the AM-2X2 is your all-in-one solution for radiation safety.



### Overview:

The Radiation Alert® Area Monitor is one of the most user friendly, all inclusive, state of the art radiation area monitors available. The easy to use interface is an intelligent resistive touch screen display featuring a large five digit LED readout.

### Features:

The AM-2X2 comes with an external Sodium Iodide Scintillation Detector. Cesium Iodide probes available. Rugged, wall mount enclosure options are available for high traffic area. Monitor every Radiation Alert® Area Monitor on your network with the [free software](#). Includes user selectable warning indicators for low and high radiation alarm levels, and detector failure. Setup email and text alerts to receive alarms while on the go. All the settings are stored internally, even when power is disconnected. All units come with a Certificate of Conformance. NIST Source calibrations available upon request.

### Applications & Uses:

Room monitoring for Hospitals, X-Ray machines, Accelerators, Laboratories, etc. Portal monitoring, such as doors and walkways, Source monitoring, Alarms in the presence of radiation or the absence of sources

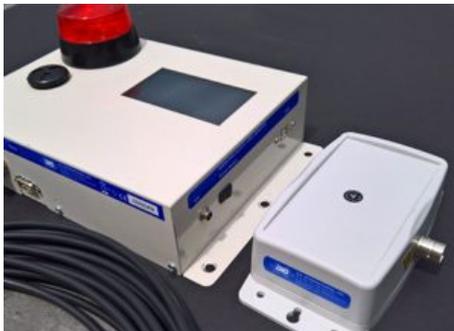
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Radiation Detection > Area Monitors

## AM-71313 Radiation Area Monitor

A cutting-edge, user-friendly radiation area monitor featuring a smart touch screen with large LED readout. Choose between internal or external detectors, and monitor your entire network with free included software. Set custom alarms, receive mobile alerts, and rely on secure internal settings storage. Ideal for hospitals, labs, accelerators, and controlled access points. Includes Certificate of Conformance; NIST calibration available on request.



### Overview:

The Radiation Alert® Area Monitor is one of the most user friendly, all inclusive, state of the art radiation area monitors available. The easy to use interface is an intelligent resistive touch screen display featuring a large five digit LED readout.

### Features:

It comes with either an internal or external detector and [free software](#) for monitoring every Radiation Alert® Area Monitor on your network. Includes user selectable warning indicators for low and high radiation alarm levels, and detector failure. Setup email and text alerts to receive alarms while on the go. All the settings are stored internally, even when power is disconnected. All units come with a Certificate of Conformance. NIST Source calibrations available upon request.

Internal or External Probe Options Available.

### Applications & Uses:

Room monitoring for Hospitals, X-Ray machines, Accelerators, Laboratories, etc. Portal monitoring, such as doors and walkways

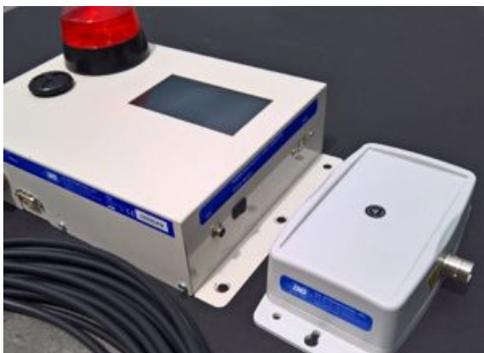
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Radiation Detection > Area Monitors

## AM-7128 Radiation Area Monitor

The Radiation Alert® Area Monitor is one of the most user friendly, all inclusive, state of the art radiation area monitors available. The easy to use interface is an intelligent resistive touch screen display featuring a large five digit LED readout.



### Features:

The product comes with either an internal or external detector and [free software](#) for monitoring every Radiation Alert® Area Monitor on your network. Includes user selectable warning indicators for low and high radiation alarm levels, and detector failure. Setup email and text alerts to receive alarms while on the go. All the settings are stored internally, even when power is disconnected. All units come with a Certificate of Conformance. NIST Source calibrations available upon request.

Internal or External Probe Options Available

### Applications & Uses:

Room monitoring for Hospitals, X-Ray machines, Accelerators, Laboratories, etc. Portal monitoring, such as doors and walkways

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Radiation Detection > Area Monitors

## AM-1X1 Radiation Area Monitor

The Radiation Alert® Area Monitor is one of the most user friendly, all inclusive, state of the art radiation area monitors available. The easy to use interface is an intelligent resistive touch screen display featuring a large five digit LED readout.



### Features:

The AM1X1 comes with either an internal or external Sodium Iodide Scintillation Detector. Cesium Iodide probes available. Rugged, wall mount enclosure options are available for high traffic areas. Monitor every Radiation Alert® Area Monitor on your network with the [free software](#). Includes user selectable warning indicators for low and high radiation alarm levels, and detector failure. Setup email and text alerts to receive alarms while on the go. All the settings are stored internally, even when power is disconnected. All units come with a Certificate of Conformance. NIST Source calibrations available upon request.

Internal or External Probe Options Available.

### Applications & Uses:

Room monitoring for Hospitals, X-Ray machines, Accelerators, Laboratories, etc. Portal monitoring, such as doors and walkways, Source monitoring, Alarms in the presence of radiation or the absence of sources

# HANDHELD MONITORS



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**Radiation Detection** › **Handheld Monitors**

## **Radiation Alert Monitor 200**

The Monitor 200, your go-to solution for precise and versatile radiation detection. This state-of-the-art device measures alpha, beta, gamma, and x-rays providing accurate readings displayed in your preferred unit of measurement. Choose from CPM, CPS,  $\mu\text{Sv/hr}$ , mR/hr, or in accumulated counts.

Featuring a digital backlit display, the Monitor 200 ensures easy readability in any environment. The addition of a red count light and an audible beeper accompanying each count detected enhances your awareness during radiation monitoring. With an adjustable timer and customizable loud alert, this radiation detector is tailored to meet your specific needs, offering both accuracy and user-friendly functionality.

The Monitor 200 doesn't just stop at on-the-spot readings- it's equipped with internal memory and Included with your purchase is the Free Observer USB Software (compatible with Windows only), enabling you to effortlessly download and manage your data while setting up computer alarms for added convenience.

For an enhanced experience, the optional Bluetooth module opens up a world of possibilities. The Radiation Alert® Monitor 200 seamlessly integrates with the free Radiation Alert® Observer BLE app available for download from the Google App Store. This app empowers you to display real-time readings with descriptions, conduct timed counts, append GPS data, and send your saved survey files. What's more, any alarms set on the instrument will be mirrored on your android device, ensuring you stay informed and in control.



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**Radiation Detection > Handheld Monitors**

## **Radiation Alert MC1K**

The MC1K is an ergonomic handheld survey meter using a built-in energy compensated GM detector. It detects gamma and x-rays up to 1000 mR/hr over 4 selectable ranges. The energy compensated Geiger counter affords the detector a more linear response to gammas and x-rays over the full range. A beep sounds and a count light flashes with each event detected.

Applications & Uses: Expanded Range up to 1000 mR/hr, Linear Response needs with Energy Compensation, Checking accelerator & x-ray shielding for leakage, Checking industrial gauges; such as moisture, density, or level gauges containing Cesium-137, Locating lost sources, Personal protection, General surveying



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[Radiation Detection](#) > [Handheld Monitors](#)

## Radiation Alert Frisker

Tired of dealing with cumbersome cables? Need a free hand? Frustrated with carrying around bulky meters? Introducing The Radiation Alert® Frisker. This compact device detects alpha, beta, gamma, and X-ray radiation. It features multiple units of measure, customizable alarm levels, and a backlit display for easy reading.



The Frisker is a lightweight, single-handed radiation contamination instrument designed to meet the needs of today's radiation professionals. Perfect for leak testing, surface monitoring, sample screening, and personnel screening, it integrates the latest electronics with a reliable Geiger-Mueller detector. S.E. International has crafted a durable, ergonomic Geiger counter that excels in various radiological applications.

**Applications & Uses:** Screening personnel and objects, such as packages, surfaces, and clothing, Surveying for NORM (Naturally Occurring Radioactive Material) contamination, Gross wipe counting, Contamination surveys of packages, equipment, people, etc., Regulatory inspections, Low energy radionuclide detection.



Radiation Detection > Handheld Monitors

# Radiation Alert Ranger

Introducing the Radiation Alert Ranger®, the pinnacle of nuclear radiation detection technology that seamlessly combines performance with unparalleled portability. Whether you're surveying facility or venturing into the field, the Radiation Alert Ranger® stands as a reliable companion, designed with industrial environments in mind while retaining all the features cherished in laboratory settings.



Compact and lightweight, the Radiation Alert Ranger® is a handheld digital survey meter that sets the bar for sensitivity across alpha, beta, gamma, and x-rays ensuring comprehensive coverage for your radiation detection needs. Equipped with built-in efficiencies for common isotopes, this model goes the extra mile by calculating activity in Becquerels (Bq) and Disintegrations Per Minute (DPM).

The Radiation Alert Ranger® boasts a user-friendly interface featuring a backlit digital display, a red count light, and a distinctive beeper that signals each count detected, enhancing your ability to respond promptly to radiation levels. Selectable alert levels, an adjustable timer, and an optional wipe test plate for swipes provide further flexibility. allowing you to tailor the device to you specific requirements.

- Free Observer USB Software
- Free Observer BLE Software
- For Use With The Optional Bluetooth Module

But the Radiation Alert Ranger® doesn't stop there. Included with your purchase is the Free Observer USB Software(compatible with Windows only), enabling you to effortlessly download and manage your data while setting up computer alarms for added convenience.

For an enhanced experience, the optional Bluetooth module opens up a world of possibilities. The Radiation Alert Ranger® seamlessly integrates with the free Radiation Alert® Observer BLE app available for download from the Google App Store. This app empowers you to display real-time readings with descriptions, conduct timed counts, append GPS data, and send your saved survey files. What's more, any alarms set on the instrument will be mirrored on you android device, ensuring you stay informed and in control.

Elevate your radiation detection capabilities with the Radiation Alert Ranger®- where cutting-edge technology

meets user-friendly design, providing peace of mind whether in the lab, facility, or in the field.

Applications & Uses: Surveying for NORM (Naturally Occurring Radioactive Material) contamination, Gross wipe counting, Contamination surveys of packages, equipment, people, etc., Regulatory inspections, Scrap Metal Screening, Low energy radionuclide detection

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[Radiation Detection](#) > [Handheld Monitors](#)

## Radiation Alert Monitor 4EC

The Monitor 4EC is an energy compensated, ergonomic radiation survey meter capable of detecting alpha, beta, gamma, and x-rays over 3 selectable ranges. A red count light flashes and a beep sounds with each event detected. The Monitor 4EC offers a linear response for gamma and x-rays (above 40 keV).

Applications & Uses: Checking accelerator & x-ray shielding for leakage, Checking industrial gauges, such as moisture, density, or level gauges containing Cesium-137, Locating sources, Personal protection, General surveying





Radiation Detection > Handheld Monitors

## Radiation Alert® Ranger EXP



The Radiation Alert Ranger® EXP, seamlessly combines performance with unparalleled portability. Whether you're surveying facility or venturing into the field, the Radiation Alert Ranger® EXP stands as a reliable companion, designed with industrial environments in mind while retaining all the features cherished in laboratory settings.

Compact and lightweight, the Radiation Alert Ranger® EXP is a handheld digital survey meter that sets the bar for sensitivity to NORM and low levels of alpha, beta, gamma, and x-rays ensuring comprehensive coverage for your radiation detection needs. Equipped with built-in efficiencies for common isotopes, this model goes the extra mile by calculating activity in Becquerels (Bq) and Disintegrations Per Minute (DPM).

The Radiation Alert Ranger® EXP has a user-friendly interface featuring a backlit digital display, a red count light, and a beeper that signals each count detected, enhancing your ability to respond promptly to radiation levels. Selectable alert levels, an adjustable timer further flexibility. allowing you to tailor the device to you specific requirements.

- Free Observer USB Software
- Free Observer BLE Software
- For Use With The Optional Bluetooth Module

But the Radiation Alert Ranger® EXP doesn't stop there. Included with your purchase is the Free Observer USB Software(compatible with Windows only), enabling you to effortlessly download and manage your data while setting up computer alarms for added convenience.

For an enhanced experience, the optional Bluetooth module opens up a world of possibilities. The Radiation Alert Ranger® EXP seamlessly integrates with the free Radiation Alert® Observer BLE app available for download from the Google App Store. This app empowers you to display real-time readings with descriptions, conduct timed counts, append GPS data, and send your saved survey files. What's more, any alarms set on the instrument will be mirrored on you android device, ensuring you stay informed and in control.

Applications & Uses: Surveying for NORM (Naturally Occurring Radioactive Material) contamination, Gross wipe counting, Contamination surveys of packages, equipment, people, etc.,

Regulatory inspections, Scrap Metal Screening, Low energy radionuclide detection



Radiation Detection > Handheld Monitors

# Radiation Alert Monitor 1000EC

The Monitor 1000EC is an energy compensated radiation detector that measures gamma, and x-rays. Perfect for most applications requiring an energy compensated detector. Users can choose from readings of CPM, CPS,  $\mu\text{Sv/hr}$ , mR/hr, or in accumulated counts. It has a red count light, a beeper that sounds with each count detected, and includes an adjustable timer, and selectable alert.

- Free Observer USB Software
- Free Observer BLE Software For Use With The
- Optional Bluetooth Module

The Radiation Alert® Monitor 1000EC doesn't stop there. Included with your purchase is the Free Observer USB Software (compatible with Windows only), reads in Total Counts, CPM,  $\mu\text{R/hr}$ , mR/hr, CPS,  $\mu\text{Sv/hr}$ , and has the ability to collect and log data, set alarms, set timed counts, set the calibration date and settings, and generate reports, enabling you to effortlessly download and manage your data while setting up computer alarms for added convenience.

For an enhanced experience, the optional Bluetooth module opens up a world of possibilities. The Radiation Alert® seamlessly integrates with the free Radiation Alert® Observer BLE app available for download from the Google App Store. This app empowers you to display real-time readings with descriptions, conduct timed counts, append GPS data, and send your saved survey files. What's more, any alarms set on the instrument will be mirrored on your android device, ensuring you stay informed and in control.

Free Radiation Alert® Observer BLE app from the Google App Store, where you can display the readings from your detector, label sample readings and descriptions, take timed counts, append GPS data and send your saved survey file. This radiation detector helps you to set alarms which will also activate if you sync it with your android device. .

This radiation detector device include Free Observer USB software (Windows® only) reads in Total Counts, CPM,  $\mu\text{R/hr}$ , mR/hr, CPS,  $\mu\text{Sv/hr}$ , and has the ability to collect and log data, set alarms, set timed counts, set the calibration date and settings, and generate reports.

Applications & Uses: X-ray chamber inspection, Expanded Range up to 1000 mR/hr, Linear Response needs with Energy



Compensation, Checking accelerator & x-ray shielding for leakage, Checking industrial gauges, such as moisture, density, or level gauges containing Cesium-137, Locating lost sources, Personal protection, Linear response detection applications, General surveying

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**Radiation Detection > Handheld Monitors**

## **Radiation Alert® GammaView**

The compact GammaView is light, easy to carry and operate with a 1×1 NaI scintillation detector that accurately measures gamma contamination and exposure. Perfect for use in the lab, facility, and in the field.

The GammaView boasts a user-friendly interface featuring a backlit digital display, a red count light, and a distinctive beeper that signals each count detected, enhancing your ability to respond promptly to radiation levels. Selectable alert levels, an adjustable timer, allowing you to tailor the device to you specific requirements.

The GammaView can also be used as a single-channel analyzer (SCA). This function allows a “window” to be set to focus on a specific energy region of the gamma spectrum, effectively reducing the background count.

Specific Applications Include: Compliance monitoring, environmental monitoring, remote monitoring, health physics, homeland defense.



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Radiation Detection > Handheld Monitors

## Radiation Alert Monitor 4

The Radiation Alert® Monitor 4 is a compact, analog radiation detector designed for versatility and reliability. This general-purpose survey meter can detect alpha, beta, gamma, and X-ray radiation across three selectable ranges. With decades of proven performance in the industry, the Monitor 4 has become one of the leading analog radiation detectors available today. Its simple, ergonomic design features a red count light that flashes and an audible beep for each detected count. A quick flick of your thumb allows for an easy battery check and silent operation.

Applications & Uses: Checking industrial gauges, such as moisture, density, or level gauges containing Cesium-137, Locating Sources, Personal protection, General surveying



# PERSONAL ELECTRONIC DOSIMETERS



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**Radiation Detection** › **Personal Electronic Dosimeters**

## **Radiation Alert® Sentry EC**

The Radiation Alert® Sentry EC is a personal alarming radiation dosimeter and rate meter, designed to safeguard personnel working in environments with potential X-ray or gamma exposure.

This pocket-sized unit features an energy-compensated tube for a linear gamma response and built-in memory for tracking accumulated exposure data. With the free SentryCom Software, you can easily generate incident reconstructions for analysis and set custom vibrating and audio alerts for dose (>1.0 mR/10 µSv) and dose rate (>1.0 mR/hr/10 µSv/hr).

An audio switch allows you to choose between audible clicks with each detected count or a discreet silent mode.



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Radiation Detection > Personal Electronic Dosimeters

## Rad-60 Alarming Dosimeter

The RAD-60 is a Personal Alarming Radiation Dosimeter. It's a precise and reliable instrument for ensuring the safety of personnel. Ideally, the RAD-60 is used in stand-alone conditions for everyday radiation monitoring . The RAD-60 can also be switched into System Mode, for the purpose of tracking Personnel Dose records and generating compliance reports.

The design includes state-of-the-art technology with built in memory for retrieving dose, even during power-down. It eliminates outside interference from shock and RF. The RAD-60 is easily programmed by the user, has a digital display, and operates with a single AAA alkaline battery.

With the push of a button, you can turn the unit on/off, change the digital display to read dose or dose rate, select from several dose and dose rate alarm levels, turn the chirp function on/off, reset the integrated dose, and perform battery tests. The large digital display gives instant dose or dose rate readings with a loud audible alarm.

