

# Radiation Alert® Area Monitor 1x1



The Radiation Alert® Area Monitor is one of the most user friendly, all inclusive, state of the art radiation area monitor available. The easy to use interface is an intelligent resistive touch screen display featuring a large five digit LED readout. It comes with either an Internal or External Mounted 1x1 NaI(Tl) Scintillation Probe and free software for monitoring every Radiation Alert® Area Monitor on your network. Includes user selectable warning indicators for High and Low radiation alarm levels, detector failure, email and text alerts. All the settings are stored internally, even when power is disconnected. All units are electronically calibrated at the factory. NIST source calibrations available upon request.

## Specifications

### OPERATING RANGE:

0.1 - 10 mR/h (0.1 - 100 µSv/h)

### TOUCH SCREEN DISPLAY:

5-digit 4.3 inch TFT 480x272 touch screen LED display

### BASE DISPLAY UNITS:

Can display in µR/h, mR/h, µSv/h, mSv/h, cpm, Kcpm, cps, and Kcps



1x1 Probe in Clips

# SE INTERNATIONAL INC.



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**RADIATION**  
A • L • E • R • T

# Radiation Alert® Area Monitor 1x1

**RESPONSE:**

Varies automatically from 20 seconds to 2 seconds

**INDICATORS:**

Ultra-Bright Strobe and Audible Alarm

Can trigger up to three relays with DB-9 serial connection

USB VCP for computer data logging, which can also be used to control the unit with use of remote software for alarm indication and acknowledgment (Silence by remote)

**ETHERNET:**

10 Base-T connection for use with remote software for alarm indication and acknowledgment (Silence by remote)

**CALIBRATION CONTROLS:**

All parameters for calibration (High Voltage, Dead Time, and Sensitivity) are accessible through either the touch screen or the included software

**POWER:**

12 VDC (110/220) wall mount adapter with two sets of international adapters for almost any style wall receptacle

**BATTERY LIFE:**

Typically 6 hours in non-alarm condition; 5 hours in alarm condition

**BATTERY CHARGER:**

Battery is continuously trickle charged when the instrument is connected to line power and turned on

**CONSTRUCTION:**

Easy mount steel enclosure

**TEMPERATURE RANGE:**

-10 to +50 °C (14 to 122°F)

**SIZE:**

20.3 x 28.6 x 10.8 cm (8 x 11.25 x 4.25 in.)

**WEIGHT:**

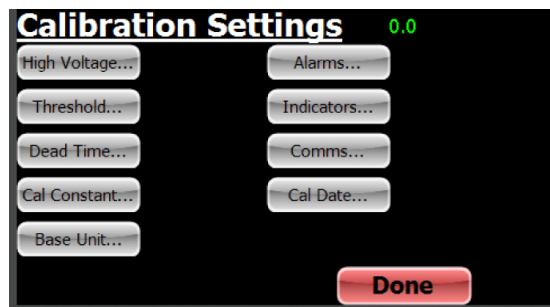
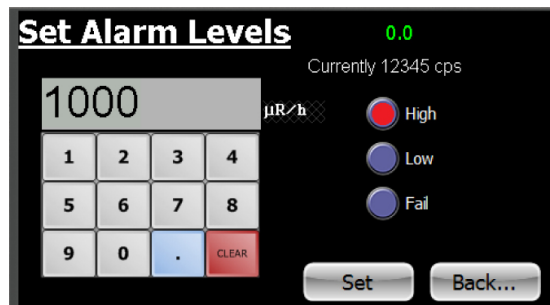
84.8 oz (5.3lbs)

**INCLUDES:**

Software, Base Unit, Clips, Power Supply. The software can also be used to manage multiple Area Monitors in your system.

**OPTIONS:**

External Strobe and Horn, External or Internal Detector, Ruggedized External Probe Enclosure, NIST Calibration



Remote Alarm



Ruggedized External  
Probe Enclosure

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