

RADIATION ALERT®

Area Monitor PA



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.

It comes with an internal 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.

Detector

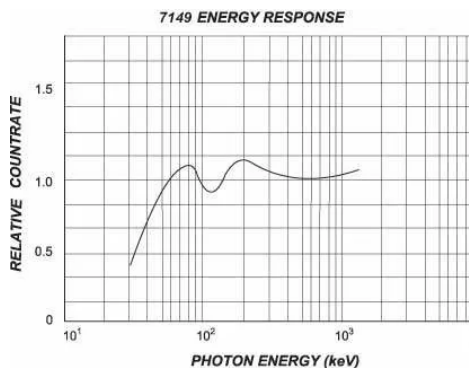
LND 7149 Energy Compensated GM Detector
Custom Probe Options Available. Tell us about your application and we can recommend the best probe options for your needs.

Sensitivity

1.5 cps/mR/hr

Operating Range

0.01 to 16,000 mR/hr
(0.1 to 160,000 µSv/hr)



Linearity

NIST Calibrated readings within 10% of true value with detector connected.

*ALL NIST CALIBRATIONS ARE ONLY RATED to 0.1 to 1,000 mR/hr - (0.1 to 10,000 µSv/hr) However, the instrument will work to the stated operation range above.

Touch Screen Display

4.3 inch TFT 480×272 touch screen display with user friendly Programmable Units of Measurement and Audio and Visual Alarms. 5-digit LED display with 1.5 cm (.59 in.) character height. 65K true colors capable of displaying full color images, animations, icons.

Base Units

Can display in µR/hr, mR/hr, µSv/hr, mSv/hr, CPM, KCPM, CPS, KCPS,

S.E. INTERNATIONAL, INC.

excellence in radiation detection - α β γ x

RADIATION ALERT®

1.931.964.3561

www.seintl.com

radiationinfo@seintl.com



Radiation Alert® Area Monitor PA

Instrument Settings

Settings for Base Units, Alarms and Calibration Information can be accessed through the Touch Screen Display or through the software.

Indicators

Ultra-Bright Strobe Can trigger up to three relays with DB-9 serial connection, USB VCP for computer data logging, can also be used to control the unit with use of remote software for alarm indication and acknowledgment (Silence by remote),

Audio

Main Unit- Sound turned off for monitoring sensitive areas. Sound can be turned on if desired. Remote Alarm- Audible Alarm is off.

Alarm Sound

92 +/- 5 db(A) at 5VDC at 24" (61 cm). at 25° C
103 +/- 5 db(A) at 15VDC at 24" (61 cm). at 25° C

High Voltage

User adjustable from 200 to 1200 volts

Power

12 VDC wall mount adapter included.

Battery Life

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

Battery Charger

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

Temperature Range

-10° to +50°C (14° to 122°F)

Humidity

10% to 70% Non-Condensing.

Size

Base Unit 20.3 x 28.6 x 10.8 cm (8 x 11.25 x 4.25 in.) Remote alarm- 12.03 x 22.07 x 10.94 cm (4.7 x 8.69 x 4.31 in)

Construction

Easy mount steel enclosure

Includes

Management software for use with networked area monitors, Base Unit, Power Supply, Remote Alarm with cable

Options

NIST Calibration

Limited Warranty

1 year limited warranty

Feature	Audible and visual	Fluke Prime Alert
Alarm Types	Audible and visual	Audible and visual
Relay Outputs	✓ Yes – for interlocks, alarms, external devices	✗ No relay functionality
Display	✓ Digital display of real-time readings	✗ No display; only status indicators
Detection	GM tube-based, configurable for various applications	GM tube-based
Alarm Thresholds	User-configurable via onboard interface or software	Factory-set, not user-adjustable
Data Logging	Optional logging or remote communication (USB/RS-485, etc.)	✗ Not supported
Enclosure	Rugged, wall-mountable, *NEMA-rated	Basic industrial housing
Calibration	Calibrated to NIST standards, user-adjustable	Factory calibrated
Power Options	AC powered with battery backup	AC powered only
Support & Customization	U.S.-based support, customizable alarm levels	Limited customization available

**Radiation Alert®
Area Monitor-PA
vs. Fluke Prime Alert**

S.E. INTERNATIONAL, INC.

excellence in radiation detection - a β γ x

RADIATION ALERT®

1.931.964.3561

www.seintl.com

radiationinfo@seintl.com

