

Radiation Alert® Area Monitor-7149



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 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, low battery, detector failure, and 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

RANGE OPTIONS:

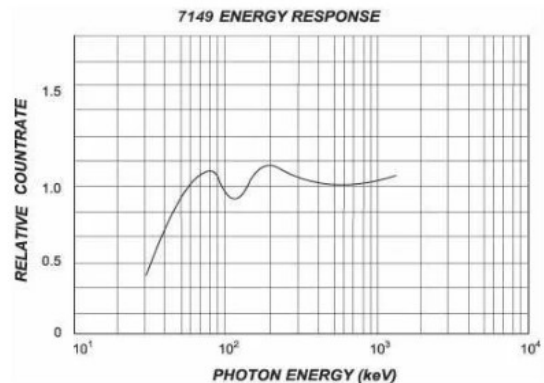
0.1 - 16,000 mR/h (1.0 - 160,000 μ Sv/h) Using an Internally Mounted LND 7149 Energy Compensated GM Detector. External mounting also available

TOUCH SCREEN DISPLAY:

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

BASE DISPLAY UNITS:

Can display in μ R/h, mR/h, μ Sv/h, mSv/h, cpm, Kcpm, cps, and Kcps



SE INTERNATIONAL INC



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Radiation Alert[®] Area Monitor-7149

RESPONSE:

Varies automatically from 2 seconds to 20 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:

Functions accessible through touch screen push button under calibration cover enables secure access to changing settings

HIGH VOLTAGE:

User adjustable from 200 to 1200 volts

DEAD TIME:

User adjustable to compensate for dead time of the detector and electronics

POWER:

12 VDC (110/220) wall mount adapter with four 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:

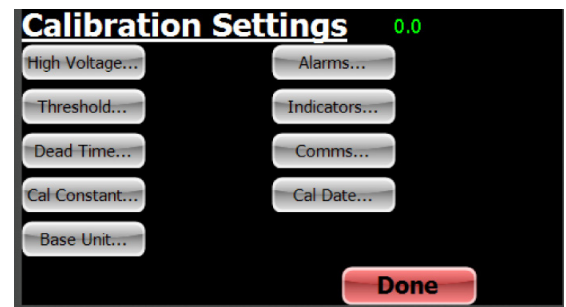
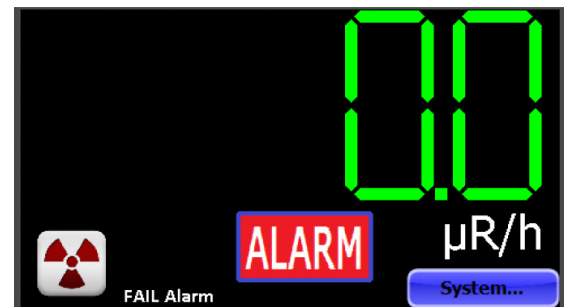
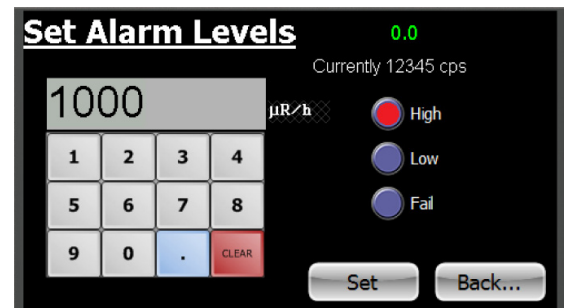
84.8 oz (5.3lbs)

INCLUDES:

Management software for use with networked area monitors, Base Unit, Power Supply, CD with Software and Operation Manual.

OPTIONS:

External Strobe and Horn, External Detector with 50' coax, NIST Calibration



Remote Alarm



Remote Detector

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