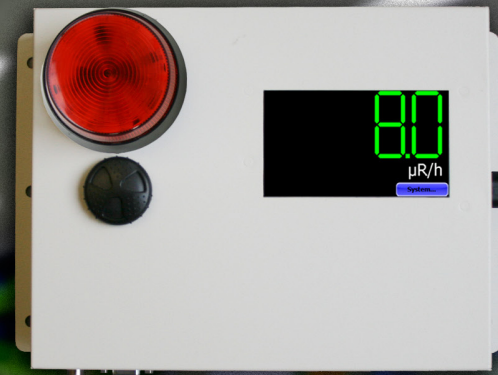# Radiation Alert®
Area Monitor

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 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:
- **AM-7149**: 0.1 mR/hr to 16,000 mR/hr (0.1 to 160,000 µSv/hr) Using an Internally Mounted LND 7149 Energy Compensated GM Detector. External mounting also available
- **AM-7128**: 0.1 µR/hr to 200 mR/hr (0.1 to 2000 µSv/hr) Using an Internally Mounted LND 7128 Energy Compensated GM Detector. External mounting also available
- **AM-71313**: 0.1 to 1500 mR/hr (0.1 – 15,000 µSv/hr) Using an Internally Mounted LND 71313 Energy Compensated GM Detector. External mounting also available
- **AM-1X1NAI**: 0.1 µR/hr to 10 mR/hr (0.1 µSv/hr to 100 µSv/hr) Internal or External Mounted 1X1 NaI(TI) Scintillation Probe
- **AM-2X2NaI**: 0.1 µR/hr to 2 mR/hr (0.1 to 20 µSv/hr) Using an Externally Mounted 2X2 NaI(TI) Scintillation Probe

MAX CABLE LENGTHS:
GM Probes - 100ft, Scintillation Probes - 50ft

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

SE INTERNATIONAL INC

RADIATION
A•L•E•R•T®

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:
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 7.5 hours in non-alarm condition; 6 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 60 °C (14 to 140 °F)

Humidity Range
10% to 70% Non-Condensing

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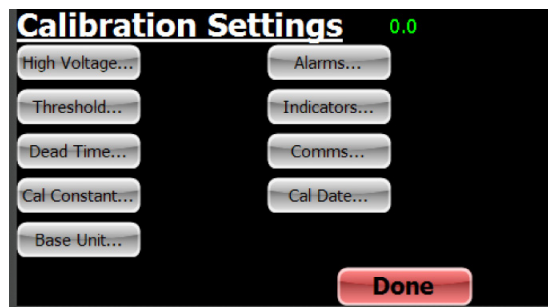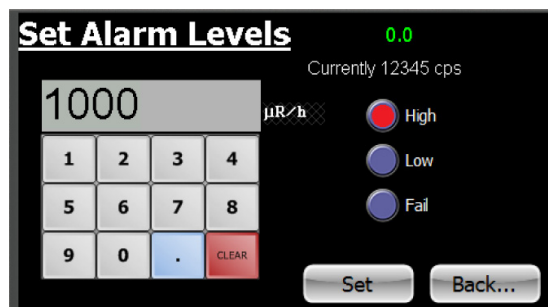20.3 x 28.6 x 10.8 cm (8 x 11.25 x 4.25 in.)

WEIGHT:
84.8 oz (5.3lbs) Without Probe and Cable

INCLUDES:
Management software for use with networked area monitors , Base Unit, Power Supply, CD with Software and Operation Manual, Mounting Clips (External Versions Only), C to C Cable (External Versions Only).

OPTIONS:
External Strobe and Horn, External Detector, NIST Calibration

Remote Alarm

Remote Detector

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