RADIATION ALERT®
AREA MONITOR 7128
Internal or External Probes

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 a Internal or Externally Mounted LND 7128 Energy Compensated GM Detector 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:
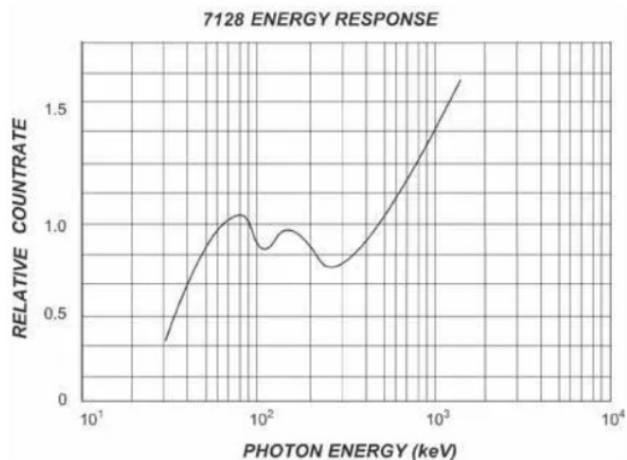0.01 - 200 mR/h (0.1 - 2000 µSv/h)

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

7128 ENERGY RESPONSE

S.E. INTERNATIONAL, INC.
excellence in radiation detection - α ß ɣ x
RADIATION ALERT®

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se INTERNATIONAL

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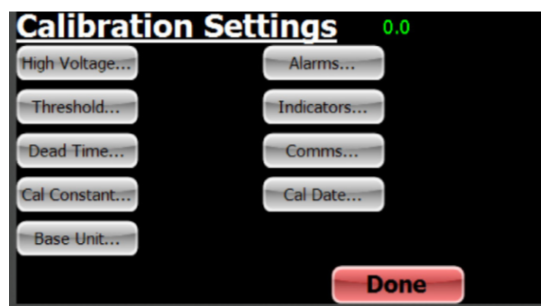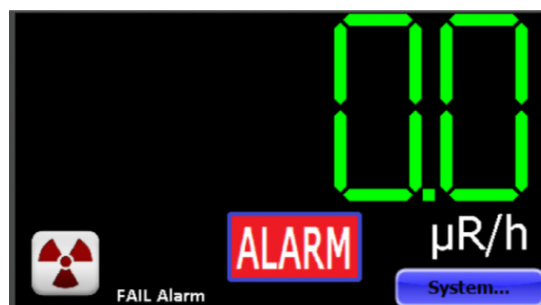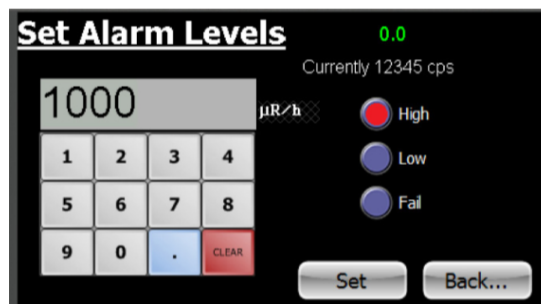20.3 x 28.6 x 10.8 cm (8 x 11.25 x 4.25 in.)

WEIGHT:
84.8 oz (5.3lbs)

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

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

Remote Alarm

Remote Detector
Includes 50' cable