

Model Rad Alert (various ranges)

Area Alarm Monitors



Features:

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)
SIZE: 16.2 x 26.6 x 5.3 cm (6.4 x 10.5 x 2.1 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



The Radiation Alert® line of radiation area monitors protects your personnel and your facility. Select the right model to detect across a wide range of radiation levels. The base controller unit includes a Touch Screen LCD, latching, siren light and strobe. Internal or external radiation probes are available for most models, with Geiger Muller or Sodium Iodide Probe options. A rugged, wall mount enclosure option is available for portal monitoring and high traffic areas to protect the sensor while on duty.

Free software expands the capabilities of your Radiation Area Monitor. With USB and Ethernet, live reporting, mapping, and alarm conditions is monitored by remote with the Area Monitor Server Software. Track exposure, program custom alarms and conditions, and set email and/or text alerts. Secondary remote alarm and strobe option can be mounted up to 100 feet from the base controller unit. Ask us about which one is right for you.

RANGE OPTIONS:

- AM-7149: 0.2 - 16,000 mR/hr (2.0 - 160,000 μSv/hr) Using an Internally Mounted LND 7149 Energy Compensated GM Detector. External mounting also available
- AM-7128: 15μR/hr – 200 mR/hr (0.2 - 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 (0.5 - 15,000 μSv/hr) Using an Internally Mounted LND 71313 Energy Compensated GM Detector. External mounting also available
- AM-1X1NAI: 1 μR/hr to 500 mR/hr (0 μSv/hr – 5 mSv/hr) Using an Externally Mounted 1X1 NaI(Tl) Scintillation Probe
- AM-2X2NaI: 0.1 μR/hr to 75 mR/hr (0 – 750 μSv/hr) Using an Externally Mounted 2X2 NaI(Tl) 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/hr, mR/hr, μSv/hr, mSv/hr, cpm, Kcpm, cps, and Kcp