



Model 960 Radiation Area Monitor

The **Model 960** is a member of the BNC area monitoring system based on a GM sensor. It provides radiation dose rates in a convenient form factor with large display LCD panel. It is ideal for security and radiation monitoring in the laboratory, hospitals, isotope production facilities and other applications requiring remote, real-time 24/7 radiation monitoring. The unit is suitable for both on wall or flush wall installation.

Model 960 is based on an Ethernet networking architecture and data management protocols that acquire data from multiple units generating local alarms and providing central command with comprehensive oversight and actionable alarm information.

✓ Applications (Typical)

- Isolated ward
- Hot laboratory
- Isotope production facility
- Radioactive waste area monitoring
- Environmental radiation monitoring
- Nuclear power plant
- Warehouse monitoring
- Homeland security

✓ Options

- Command Center software
- Strobe/horn alarm: 3 way LED with speaker
- Alarm Relay output
- NEMA 4 weatherproof enclosure
- Hi speed USB video
- PoE & Ethernet
- Alarm Relay output

✓ Key features

- Large, High Contrast LCD Display (14x10 cm²)
- Energy compensated GM tube
- Convenient form factor (23 x 18 x 6 cm³)
- Overcharge protected battery: >12h (Li ion)
- Local alphanumeric keyboard



USB video



3-way LED w/ speaker



View of left side panel with Ethernet, Relay and DC power ports



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✓ Key Specifications

Detector	Energy compensated Geiger-Mueller Tube	LCD display	Graphic LCD (14x10 cm ²)
Range	0.1 mR/h to 1 R/h (AM100G-1) 1.0 mR/h to 10 R/h (AM100G-2)	Linearity	10% of true value
Power	DC Power (standard) PoE (option)	Display unit	uR/hr, mR/hr, R/hr, uSv/h, mSv/hr, Sv/hr, CPS, CPM
Battery Backup	>12 hours, Li-ion (overcharge protected)	Alarm	3 level (normal, low, or high)
Weight	2 kg	Dimension	23cm x 18cm x 6cm
Operating temp.	5°F(-15°C) to 122°F(50°C)	Relay output	Din connector (option)
Strobe & Horn Kit	3-way LED w/ speaker (option)	Communication	RJ-45 Ethernet (option)

✓ Central Command software

The Model 960 unit may also be networked to a Central Command. The Central Command software provides a graphical user interface that provides a convenient overview of the status of each unit in the area monitoring system. Detector control, database management and processing as well as alarm disposition may all be managed from Central Command.

