

# CAP-RAD

## Smart Radiation Area Monitor



### FEATURES

#### **CAP-RAD Area Monitor**

- 8" SVGA touch screen color display
- Easy to follow menu driven program
- Large bright easy to read digital display
- Bright color coded bar graph display
- Programmable units of measure (mR/hr or uSv/hr)
- Optional GM detectors for higher ranges
- Low and high programmable alarms levels
- Both visible and audible alarm states
- 12 hour battery life (non alarm state)
- Data logging stored on Area Monitor readout
- Setup menu available on touch screen
- Email alert sent via SMTP protocol
- Wall mount configuration
- Ethernet interface
- Three Dry Contact Relays
- Optional Remote GM detector

#### **RAD MON Monitoring Software**

- Remotely controls and monitors Area Monitor
- Displays real time data and alarm status
- Stores data for all networked units
- Simultaneously configures groups
- Add new systems via network scan
- Performs common statistical analysis

### **Network Ready with Mobile Remote Access**

Capintec's CAP-RAD Smart Area Monitor is network ready, with large easy to read display. Designed for medical, industrial, and research facilities, the system can be accessed and controlled remotely by any PC or mobile device connected to your network through a web browser. Optional RAD MON Monitoring Software is available for remote viewing and analysis. The program automatically monitors multiple units via network scan. Alarm states can also be communicated remotely through the networked software program, or via email directly to your safety officer.

#### **Item Numbers**

- CAP-RAD Smart Area Monitor:  
Item # 5250-0022
- CAP-RAD Smart Area Monitor With RAD MON  
Monitoring Software: Item # 5250-0031
- RAD-MON Monitoring Software for CAP-RAD:  
Item # 5250-0032

# CAP-RAD

## SPECIFICATIONS

### CAP-RAD Area Monitor

- Detector: energy compensated gas filled GM
- Detector operating voltage: 500 V
- Display: 8 " SVGA touch screen color display
- Measurement range:  
0.1 mR/hr to 1,000 mR/hr (1.0 uSv/hr to 10 mSv/hr)
- Response time: 1-3 s 90% FS
- Alarm types: Visual and Audible
- Alarm indicators-LED
- GREEN below alarm triggers
- YELLOW low level alarm state
- RED high level alarm state
- Loud beeping variable rate audible alarm
- Color coded bar graph matches alarm state
- Battery Life: 12 hours without alarm state
- Battery Status: RED LED when battery voltage is LOW
- Three SPDT electromagnetic relays with dry contacts.  
Trigger event for each relay can be programmed individually
- Accessible by mobile device via web browser
- Includes wall mount power adaptor

### RAD MON Monitoring Software

- Remotely controls and monitors Area Monitor
- Windows based program
- Ethernet interface
- Ability to export data to Excel
- Email alert sent via SMTP protocol

### Console Dimensions

- 6.3" h x 8.5" w x 2.2"d (16 x 21.6 x 5.7 cm)
- Weight: 4 lbs. (1.8 kg)

### Working Environment

- 0 to 60C, 0 to 90% humidity, non-condensing

### Mount

- Wall mount bracket

### Power Requirements

- Wall mount power adaptor:  
Input: 100-240VAC, 50/60 Hz  
Output: 5VDC @ 2A  
2.0x5.5x12mm barrel connector plug

or

- Ethernet (PoE): 48 Vdc. 0.35A

