Wireless Portable Area Monitor

SME Associates LLC

The Wireless Area Radiation Monitor (WAM) 500 D (Display) is a self-contained, wireless, gamma radiation monitor ---with a large LED display

Key Benefits
- Tremendous Value (benefit/cost)
- Drop and Go Design allows for extremely fast deployment
- Allows workers real-time view of dynamic area dose rates

Key Features
- Large (1.5 in high) LED Display
- Visual Display Color Change for Alarm State
- Integrated Wireless
- Optional external extended-life battery
- Modular design can be used in multiple configurations
- Optional External Detector
- NEMA rated Enclosure

Applications
- Real-time Monitoring of Cubicle or Room Dose Rates
- Environmental Perimeter Monitoring
- Drill/Training E Plan Scenario; can wirelessly write simulated dose rates to unit---Authentic Update!

SPECIFICATIONS:

- Dimensions: 6.25" (l) x 3.5" (high) x 2.5" (d))

- Temperature: -12°F -150° F

- Operate in 10-95% RH environment

- Rugged case; Industrial and Splash proof (IP 55 rating))

- Electrical : 110 V AC or Battery Powered

- External Power: Equipped with 15 ft. Custom Size up to 50 ft. is optional

- Ethernet Connection

- External detector Connection

- Wireless Communications: Wi-Fi, Optional 'MESH' Radio, or standard 900 MHz

Radiation Detection:
- Gamma Detection

- Energy Compensated GM Detector

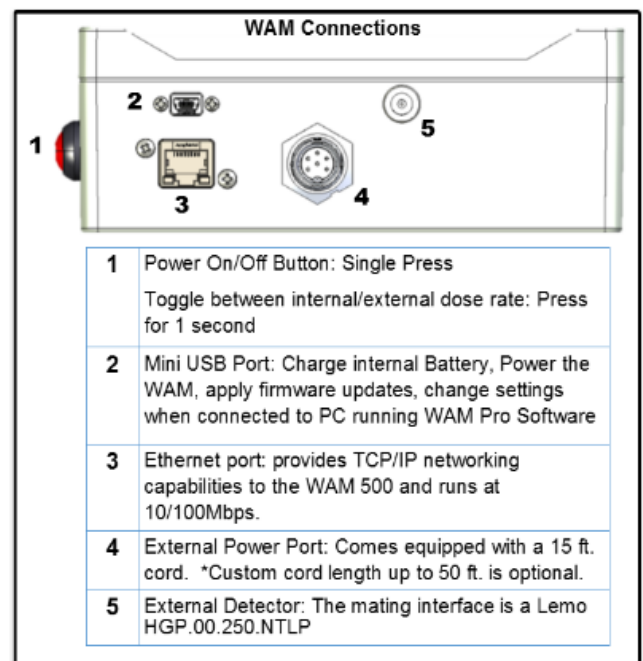(LND GM Detector)
Multi -Ranges available:
ZP1201 – 0.3 mrem/h – 9 R/h

ZP1313 – 1mrem/h – 90 R /h

ZP1301 – 10mrem/h – 900 R/ h

The WAM 500 E is available with an integrated GPS receiver, which permits the location of the WAM 500 E to be determined when deployed in mobile or static based monitoring applications.

WAM 500 D Area Monitors were tested to determine the angular dependence of the monitor. All three monitors tested were verified to be within the standard calibration tolerance of ±10% prior to angular dependence testing.

	WAM Connections
1	Power On/Off Button: Single Press
	Toggle between internal/external dose rate: Press for 1 second
2	Mini USB Port: Charge internal Battery, Power the WAM, apply firmware updates, change settings when connected to PC running WAM Pro Software
3	Ethernet port: provides TCP/IP networking capabilities to the WAM 500 and runs at 10/100Mbps.
4	External Power Port: Comes equipped with a 15 ft. cord. *Custom cord length up to 50 ft. is optional.
5	External Detector: The mating interface is a Lemo HGP.00.250.NTLP

*Use Stand Alone or With IIS ALARACAST or Equivalent Remote Monitoring Software Systems (Note: System must have compatibility with specific wireless option selected or with Ethernet (network) protocol; IIS can work with customer to optimize communication)

SME ASSOCIATES LLC
www.smeassoc.com
941-845-4844