



AWM™

Adaptive Wireless Monitor



FEATURES

- Adaptable to interface with a wide range of radiation monitors and other measuring devices
- WRM2, WRM3, Ethernet and Wi-Fi capability
- Touch-screen user interface allows configuration in the field
- Power-over-Ethernet
- > 8 hour batter backup

RELATED PRODUCT

- DMC 3000™, DMC 3000 Tx™, DMC 3000 NTx™, TelemetryStudio™, DMCUser™, Telepole, ABPM 203M™, RDS-31™, Teleview 3000™

DESCRIPTION

The Adaptive Wireless Monitor (AWM) is a dynamic new wireless remote monitor system that now represents an ALL-in-ONE solution for nuclear industry remote monitoring.

This compact system can be deployed as a base station, MESH repeater, external transmitter device, active dive repeater, etc.; which minimizes the different types of inventory that must be maintained.

The AWM includes a DB9 RS-232 communication port, USB communication port, Power-over-Ethernet (POE) or Wi-Fi. The AWM uses a colored touchscreen for on-screen defined configurations.

MECHANICAL CHARACTERISTICS

- Display: On-screen configuration
- Dimensions: 7.1 x 4.1 x 2.25 in (180 x 104 x 57 mm)
- Weight: 32 oz

OPERATING CHARACTERISTICS

- WRM2, WRM3, Ethernet and Wi-Fi capable
- Power-over-Ethernet
- WRM2 Radio 900 MHz or 2.4 GHz frequency
- Communication Ports:
 - (1) DB9 Serial (RS 232)
 - (1) Micro-USB
 - (1) Power-over-Ethernet (POE)

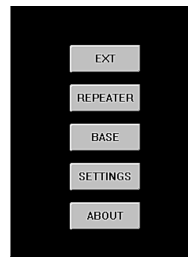
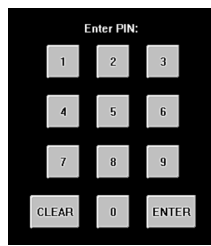
ELECTRICAL CHARACTERISTICS

Power Options

- 9V – 24V external power adapter
- Power Over Ethernet (POE) power (48V – 57V), POE 802.3af conformance, 0.5W typical
- USB power
- Internal 6Ah Lithium-Polymer (LiPo) battery pack (>8hr backup life)

ENVIRONMENTAL CHARACTERISTICS

- Rugged aluminum enclosure
- Operating Temperature range: -13F to +131F (-25C to +60C)
- Storage Temperature range: -40F to +158F (-40C to +70C)
- Relative humidity: up to 85% at 95F (35C)



AWM and Mirion Telemetry Network