



MIRION
TECHNOLOGIES



AREA RADIATION MONITORING

DRM-3000™

Data Radiation Monitoring System

FEATURES

- New advanced data processing unit
- Network (POE) / RS-485 / Wireless connection
- Saves radiation data for up to 1 month
- Supports 1 internal and 3 external detectors
- Large Display: up to 4 detectors simultaneously

APPLICATIONS

- General Area Monitoring, temporary or permanent
- Refueling Activities, i.e., Bridge, and underwater monitoring
- Waste Processing facilities – i.e., Resin transfers
- Calibration facilities
- Medical isotope production facilities
- Radiation Sterilization facilities



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ELECTRICAL CHARACTERISTICS

- Wall or Tabletop mounted
- Max. cable length: 100 yards between detector and meter
- 110 VAC to 14 VDC 2A
- Back-up battery: 24 hrs
- CPU Mainboard
ARM Cortex®-A7 core i.MX 6UltraLite (NXP):
 - GUI and communication
 - Firmware: Linux embedded
 - Updates available via TCP/IP
- CPU Detectors
ARM® 32-bit Cortex®-M3 CPU
 - Interface between Instrument and external Detectors
firmware updates via TCP/IP
- Internal Detector: Wide range GM tube detectors– 0.01 mR/hr –
1000 R/hr
- 3 x External Detectors: Serial (RS-485) or Digital pulse or
Analogue pulse
- Auxiliary connector
D-Type (26 pin):
 - RS-485 and 4-20 mA and External Power 24V and
optional light tower and Dry contact
- RJ-45: Ethernet Cable
10/100 BASE –TX PoE/IEEE 802.3 af/at compliant
- Alert Indicators: (Optional) High volume buzzer: 100 dB at 30 cm
- Telemetry Protocol: Mirion WRM2 (Internal detector or all
external detectors)

MECHANICAL CHARACTERISTICS

- Dimensions: 230 x 76 x 252 mm (9 x 3 x 10 in)
- Weight: 3.75 lbs (1.7 kg)
- Display: 7 in (HD)
- Casing Material: High Impact Plastic (ABS-PC) with Aluminum
back cover

ENVIRONMENTAL CHARACTERISTICS

- Weather proof IP-65
- CE Certified
- IP-65, CE Certified