

DRM-2 (D)

All-in-One Data Radiation Monitoring System



FEATURES...

Wide range of monitoring utilizing GM or CsI detectors, Mult-Frequency Hopping Spread Spectrum (FHSS) radio for remote surveillance

- DRM-2: Two energy compensated, auto-switching GM tubes, 5 uR/hr to 1000 R/hr (0.05 uSv/hr to 10 Sv/hr)
- DRM-2D: CsI detector for greater sensitivity for Homeland Security & Medical monitoring applications
- LED Display, Audible Buzzers and Visual Indicator Lamps
- AC power with NiMH battery backup (8 hrs)
- Rugged, lightweight metal case with magnetic mounts
- Configuration and calibration software included
- 900 MHz or 2.4 GHz WRM2 Radio (FHSS)



DRM-2 (D) All-in-One Data Radiation Monitoring System

The DRM-2 is a compact, all-in-one area radiation monitoring system with LCD Display, Visual and audible alarm indicators.

The DRM-2 offers unparalleled features for a stand-alone, TCP-IP networked or wireless area monitoring solutions.

TECHNICAL SPECIFICATIONS:

Detector	<ul style="list-style-type: none"> • GM Tube ZP-1301 (or equiv) High Range • GM Tube ZP-1201 (or equiv) Low Range • Optional GM Tube ZP-1300 non-energy compensated • Optional CsI detector
Measurement Range	<ul style="list-style-type: none"> • 5 u/hr to 1000 R/hr (0.05 uSv/hr to 10 Sv/hr) • Automatic switching between detectors at 800 mr/hr and 600 mr/hr
Accuracy	+ 10% of reading, within the measurement range
Energy Response	+ 20% at 70 keV to 1.1 MeV
Sensitivity (Cs137)	<ul style="list-style-type: none"> • 17 cps/mr/hr (Low Range): • 0.3cps/mr/hr (High Range)
Display	• 6 Segment LCD (non-backlit) - units mR/h optional uSv/h
Audible Alarms Indicator Lamps Alarm Acknowledgement Button	<ul style="list-style-type: none"> • Two side mounted Piezos speakers - alarm sound level >95 dB • Green and Red LED status indicators • One Push-switch
Power	<ul style="list-style-type: none"> • External power supply and battery backup: External power supply: Input 120-250 VAC, • Output 6-15 Vdc with locking connector • Battery Back-up: Three (3) 1.2v NiMH 2100mA rechargeable • Battery operating life: up to ~ 8 hours continuous
Temperature Range	<ul style="list-style-type: none"> • Operation: 15°F to 122°F • Storage: -5°F to 140°F
Humidity	• 10% to 95% RH (non-condensing)
Dimensions	• 4.8" W x 8.4" L x 4.2" H (212 mm x 123 mm x 107 mm)
Weight	• 2.75 lbs. (1247 gm)



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