

EagleEYE Personal RAD Detector (PRD)

The EagleEYE couples a detector with unmatched sensitivity with the most user-friendly displays and interface that makes this device not only highly effective, but also fun to use. Even experienced PRD users will be amazed at the incredible sensitivity, information, and user configurability it provides.

Another great feature is its ability to communicate over RADConnect, a mesh type network for remote viewing. RADConnect allows up to 50 other EagleEYE units and/or other RADConnect enabled radiation detection devices to all connect in real-time so all radiation level and alarms can be viewed and logged. The EagleEYE is also equipped with an internal GPS so it can additionally report its longitude and latitude.

The EagleEYE incorporates two separate displays; one on the front for viewing all data and editing parameters, and a second top mounted, bright OLED that displays the rad level for easy viewing when worn on a belt or in a breast pocket. The large, front mounted, high resolution LCD is accompanied by a rocker wheel interface and two buttons that enables users to easily access device data and make user-preferred changes. This interface is by far the easiest and most intuitive on the market today and does not leave users lost in a series of deeply nested menus like so many other makes and models.

FEATURES:

- ◆ **Highly Sensitive CsI Detector**
- ◆ **Dual Displays**
- ◆ **Intuitive User Interface**
- ◆ **RADConnect Enabled**
- ◆ **Built-In GPS**
- ◆ **Audio/Visual/Vibration Alarms**
- ◆ **Small, Lightweight, Rugged**



EagleEYE SPECIFICATIONS:

DETECTOR	6 cm ³ CsI(Na) SCINTILLATOR WITH PMT
SENSITIVITY	1.93 cps/μR/hr (193 cps/μSv/hr) Cs ¹³⁷
DETECTOR SPEED	1 SECOND
ENERGY RANGE	50 keV – 3 MeV
DOSE RATE RANGE	1 μR/hr – 80 mR/hr (0.01 μSv/hr – 0.7 mSv/hr)
DOSE RATE RESPONSE	LESS THAN ± 20% Cs ¹³⁷
ALARMS	AUDIBLE/VISUAL/VIBRATION
ALARM VOLUME	> 85 dB at 30 CM
DISPLAY	TRANSFLECTIVE TFT LCD
DISPLAY UNITS	R/hr, Sv/hr, CPS (AUTO-RANGING)
OPERATOR INPUT CONTROLS	ROCKER WHEEL INTERFACE 
COMMUNICATION	RADConnect MESH NETWORK
POWER	LITHIUM ION RECHARGEABLE BATTERY
BATTERIE LIFE	≈ 130 HRS
TEMPERATURE RANGE	(-4°F) -20° C TO (140° F) 60°C
HUMIDITY RANGE	5 - 95% NON-CONDENSING
DIMENSIONS	4.21" L x 2.44" W x 1.22" D (107 mm x 62mm x 31 mm)
WEIGHT	6.1 oz (172.9 G)
ENVIRONMENT	IP65 RATED