Model EagleEYE

Features:

- Highly Sensitive CsI Detector
- Dual Displays with Intuitive User Interface
- Mesh Network Enabled for Remote Viewing/Logging
- Built-in GPS
- 130 Hour Operation on Rechargeable Battery
- Audio/Visual/Vibration Alarm Annunciation
- Small, Lightweight, Rugged

Introduction

The EagleEYE is the newest and most advanced PRD (Personal Radiation Detector) to enter the market. It 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.

This product is available through:

JRT Associates  800-221-0111
Model EagleEYE Specifications

Detectors 6 cm³ CsI(Na) scintillation crystal with a PMT
Communication RADConnect, USB
Power Lithium Ion Battery (Rechargeable)
Battery Life 130 hrs (depending on options selected) (1)
Detection Speed 1 second
Dose Rate Range 1 µrem/hr - 70 mrem/hr (0.01 µSv – 0.7 mSv/hr).
Sensitivity 1.93 cps/µrem/hr (193 cps/µSv/hr) (137Cs)
Dose Rate Response Less than 20% (137Cs)
Energy Range 50 keV – 3 MeV
Display Two advanced displays to provide a rich user interface along with a quick display for detection status
   Main Display Type: Transflective TFT LCD Resolution: 320 x 240
   Color Depth: 18-bits providing up to 262,144 color rendering
   Top Display Type: Organic LED Resolution: 128 x 64
Display Units (µ – m) rem/hr, (n – m) Sv/hr, CPS
Alarm Volume > 85 dB (A-weighted in free air) at 30cm
Humidity 95% at 35 °C non-condensing
Temperature -20 °C to 50 °C
Dimensions 62 mm x 31 mm x 107 mm (2.44” x 1.22” x 4.21”)
Weight 172.9 g (6.1 oz)
Environment IP65 rated
Regulatory FCC and CE Compliant
Industry Standards Designed to meet ANSI N42.32 (2) and N42.33 requirements

Accessories included with purchase
Carrying Bag Nice padded carry case that can be worn on belt. Clear plastic cover across top to enable viewing top mounted display.
Battery Charger 120 VAC wall charger with USB-to-mini-USB cable

Options
RADConnect: Enables remote monitoring on mesh-network

This product is available through: JRT Associates
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Elmsford, NY 10523
800-221-0111