



Radiation Pager-S

Personal Radiation Detector for Nuclear Search

The Radiation Pager-S employs a large cesium iodide crystal scintillator and a quality photomultiplier tube for gamma radiation sensing. This detector, coupled with electronics that have been tuned for performance and optimized for low power, yields a very sensitive device, with fast response time, that any operator use reliably.

When the Radiation Pager detects radiation at levels above the natural background, it quickly alerts the operator by flashing a daylight-viewable indicator and by either sounding an alarm or vibrating. The operator can easily locate the radiation source using the duty-cycle based audio or vibration alerts, the single digit display, and the threshold update function.

Features

Small – Light – Rugged

Borrowing significant design features from our premium radiation search products, the Radiation Pager-S has been carefully engineered to yield the smallest and lightest unit available. It has been designed and tested to be resilient in response to vibration and drops onto concrete. And it's waterproof: robust O-ring seals have been employed



to enable a submersible PRD that doesn't have to come in out of the rain, and which can be decontaminated without compromising standard practices.

Premium Tactical Holster

The Radiation Pager-S includes a molded tactical holster with a selection of belt attachment hardware (Tek Loc and standard belt clips, Molle clips). Alternatively, a nylon pouch holster may be specified.



Bluetooth Communications

Designed from the ground up for connectivity, the Radiation Pager-S employs the latest Bluetooth standards for encryption and communication. This capability allows real-time streaming of radiological data to mobile device applications and to centralized command and control networks.

Easy to Use – Fast to Train

With a user's interface including everything you need, and nothing you don't, the Radiation Pager-S is easy to use and fast to train. Any operator can be made proficient in the use of the instrument in a manner of minutes.



Low Cost of Operation

The Radiation Pager-S doesn't require periodic calibration, planned maintenance, or recurring training. With a standard 5-year factory warranty standard – the operating cost of a fleet of Radiation Pagers-S amounts to little more than the price of replacement batteries.

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Specifications

Radiation Type	Gamma
Detector Type	Cesium Iodide Scintillator
Detector Size	5cc
Sensitivity	2.2 cps per μ R/h at Cs-137 (662keV)
Overrange Indication	45keV
Integration Time	Multiple (<1, 2 Seconds)
Size	9.1 cm x 5.5 cm x 2.1 cm
Weight	150g with battery
Battery	1x AA Lithium (Li-FeS2)
Battery Life (Operating)	3,500 Hours
Environmental Protection	Waterproof
Temperature Range	-25° to 50°C
Indicators	Visible, Audible, Vibration
Compliance	ANSI N42.32 2016
Bluetooth	Yes

