

RC99 RadPASS

Covert Traffic Radiation Monitor



The RC99 is designed to provide an economical and extremely robust system for covert radiation monitoring of vehicles at permanent control points or for security operations at special events. The sensitive and durable Polyvinyl Toluene (PVT) sensors are concealed in our specially designed housing allowing for inconspicuous monitoring of radioactive material or threats. Our unique configuration enables the end user to deploy the system quickly and easily in any environmental conditions. The RC99 is available in multiple sensor configurations.

As the vehicle slows and passes over the RC99, the sensor detects elevated levels of gamma radiation and instantly notifies the operator with an audible or visual alarm. The user can segregate the suspect vehicle and occupants and move the response to the next level.

While the system is operated with a user friendly and rugged controller box, operated and monitored with a simple, user-friendly control box, a wireless configuration is available as an option to further ensure the covert nature of the RC99. With the wireless option, notifications can be made via text message or email when responding to the threat. Additionally, the RC99 can be configured to perform gamma spectroscopy to provide more detailed information.



SPECIFICATIONS

Detector	Polyvinyl Toluene (PVT) 180 ci (2.95 L)
Energy Response	30Kev – 2.0 MeV
Photon and Particle Sensitivity	High Energy Beta, X-Ray, Gamma
Sensitivity	8 cps/uCi of Cs-137 @ 1 meter
Units	CPS, uSv/h, uR/r
Temperature Range	-20 °C to +60 °C
Weight Limit	3 tons (909 kg) Momentary
Dimensions	101 L x 24.5 H x 4.2 H in (256 L x 62 W x 11 H cm)

FEATURES

- Rugged, sensitive PVT concealed detectors
- Security checkpoints, special events, response agencies
- Visual and audible alarms
- User friendly – easy to deploy
- Optional wireless connectivity
- Optional gamma spectroscopy
- Proven RadComm technology

