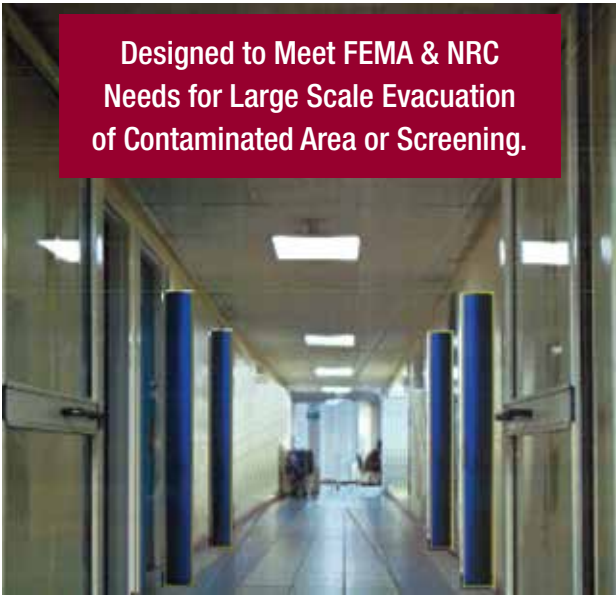


Designed to Meet FEMA & NRC
Needs for Large Scale Evacuation
of Contaminated Area or Screening.



Portable or Fixed Personnel and Vehicle Monitor

Model Series: PPVM

PPVM-TA, PPVM-TA-1, PPVM-TB, PPVM-HM

Features

- Completely Portable or Wall Installation
- Can Be Set to Any Width; Quick Set Up
- Video – Real-time Display and Capture
- Optional: Wireless Remote Notification – Phone, Email, Text, etc.
- Optional: Overhead / Underfoot Detectors
- High Sensitivity Due to Large Surface Area of Plastic Scintillation Sheets
- Detects Beta and Gamma Radiation
- Operates on Rechargeable Batteries or AC
- CAN Alarm at 7 uR/hr Change in 1 Second (PPVM-TA & PPVM-HM)
- Sees and CAN Alarm at 1 uR/hr Above Background (PPVM-TB)

Description

Mount to a fence post, stand alone, at a **roadside** or in a **parking lot**, or can be wall mounted in hallways or doorways. Background is continually updated and subtracted thus giving net reading for person or vehicle. Has audio and visual alarms and video recording. Standard set up is with (2) detectors, (1) on each side of portal. Scintillation Sheets are highly sensitive compared to cylindrical crystals due to the wider surface area.

Rate of change electronics with audio and visual alarms. Operates on built-in rechargeable batteries or 110/220 AC.

- **PPVM-TA & PPVM-TB** are designed for rugged outdoor use as well as indoors.
- **PPVM-HM** is designed primarily for indoor use.

Model **PPVM-TA** is a high sensitivity Beta/Gamma Monitoring system for determining possible radiation contamination on people, in containers, or vehicles on a non-pause basis. Since the operation of this instrument is based on rate of change in radiation, it will reliably pick up contamination as it passes near the monitor.

Model **PPVM-TB** achieves greater sensitivity for people or vehicles by stop & count approach. This system can be set-up at the road side or in a parking lot. It can be mounted to a fence post or stand alone in an indoor or outdoor area. Background is continually updated and subtracted thus giving net reading for person or vehicle.

Model Series **PPVM** are re-positional monitors. **Detectors are portable with stand or fixed on each side of hallway or doorway AT ANY WIDTH and may be remounted in alternate locations.**

- (2) Plastic Scintillation Sheets – One 528 In² in each Case (**PPVM-TA & PPVM-TB**)
- (2) Plastic Scintillation Sheets – One 576 In² in each Case (**PPVM-HM**)
- (1) Plastic Scintillation Sheet – One 528 in² (**PPVM-TA-1**)
- Dynamic Background Subtract
- Continuous Operation: “Set & Forget”
- Completely Weather Proof
- Data Download Via USB and Ethernet

Description

Portable control / alarm module plus two portable weatherproof detector housings.

PPVM-TA & PPVM-TB each contain two Plastic Scintillation sheets 528 in² /detectors.

PPVM-TA-1 contains one Plastic Scintillation Sheets 528 in² /detector.

PPVM-HM contains two Plastic Scintillation Sheets 576 in² /detectors.



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