BERTIN

RCP

Radiation portal monitor for pedestrian access control

Radiation portal monitor for dynamic or static monitoring of pedestrians passing one or more detectors at the entry and exit of sensitive areas. It detects low levels of artificial and natural contamination and orphan sources, is fully automatic and self-sufficient and works in harsh environments indoors and outdoors.



Detector type
PVT plastic scintillator with large-diameter, l ow-noise PMT [1]

Energy range
30 keV–5 MeV [1]

Specifications

DETECTOR

Detector type	PVT plastic scintillator with large-diameter, low-noise PMT	[1]
Detector volume	2.5, 5 or 25 litres	[1]

MEASURING RANGE

Energy range	30 keV–5 MeV	[1]
Response time	<1 s	[1]

POWER & BATTERY

Power supply	110 V AC or 220 V AC	[1]

ENVIRONMENT & RATINGS

perating temperature	–20 to +50 °C	[1]

ORDERING & ACCESSORIES

ptions	Neutron detectors, barrier and traffic-light management, remote supervision and SMS event notification	[1]

GENERAL

Use	Dynamic or static radiation monitoring of pedestrians passing one or more detectors at the entry/exit of sensitive areas	[1]
Sampling interval	Count rate sampled every 100 ms	[1]
Control	Integrated central unit managing barriers, automatic doors and remote alarm signallers	[1]

Sources

[1] Radiological Control for Pedestrians (RCP)
Bertin Technologies · product-page · Product page; Product page – Datasheet tab · checked 2026-10-16
https://www.bertin-technologies.com/product/radiation-portal-monitors/rcp-portal-monitor/

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.