BERTIN

SaphyGATE G

Vehicle and cargo portal monitor

Automatic radiation portal monitor for screening vehicles and cargo, with large PVT plastic scintillators and compensation of the background attenuation caused by passing vehicles.



Detector type	Energy range	IP rating
PVT plastic scintillator, 25 litres [1]	**30 keV–7 MeV** [1]	**IP65** [1]

Specifications

DETECTOR		
Detector type	PVT plastic scintillator, 25 litres	[1]
PERFORMANCE		
Background compensation	Compensates vehicle-induced background attenuation	[1]
MEASURING RANGE		
Energy range	30 keV–7 MeV	[1]
CONNECTIVITY & INTERFACE		
Central unit	Windows industrial PC with 12″ TFT XGA touchscreen	[1]
Remote access	Via internet connection	[1]
MECHANICAL		
Detector housing	EMC-shielded, hermetic aluminium housing	[1]
ENVIRONMENT & RATINGS		
perating temperature	−20 to +50 °C	[1]
IP rating	IP65	[1]
GENERAL		
Standard	IEC 62022	[1]
Alarm classification	Alarm classification distinguishes natural from artificial radiation	[1]

Sources

[1] SaphyGATE G
Bertin Technologies · product-page · product page; Produktseite · checked 2026-10-16
https://www.bertin-technologies.de/produkt/strahlenportalmonitore/saphygate-g/

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.