



**BRUMOS-G is a gamma radiation monitor, specifically developed for homeland security and monitoring of critical sites such as official buildings, sport events, airports etc. Highly reliable, ensure a precise response in a large range of energies.**

**It is controlled by a PC placed nearby or in an office, while the alarm could be local and/or remote.**

#### Options :

Local display unit

Square housing (e.g. for conveyor belts)

#### FEATURES

- Gamma detector with PMT and ultra-fast acquisition electronics
- 47" height and 8.66 in diameter (120 x 22 cm), certified IP 65 container
- Stand-alone, self-supporting unit
- Sound and light alarm, with alarm customizable thresholds
- Remote, password-protected visualization and access via ethernet or WiFi on PC or tablet



## BRUMOS G-NaI - SAFETY AND SAVINGS

Assuring safety during operations in critical sites such as borders, airports, court houses, sport events, seaports, etc. is often the number one concern.

BRUMOS - GNaI is the suitable solution when these issues are taken into account. Able to measure gamma count-rate, it is fitted for screening pedestrians on site.

## OPERATION

When in stand-by, BRUMOS-GNaI continuously measures background radiation. Every second it recalculates a background value as the average of the last 300 seconds (5 minutes).

The system offers the possibility to select alarm thresholds for gammas, and provides a sound and light alarm when this thresholds is exceeded.

It is possible to print alarm reports on a local or remote printer (via network). The system can also be fully managed remotely from any PC on the local network after entering the access password.

### GAMMA DETECTOR SPECIFICATIONS

Detector type	NaI 2"x2" or 3"x3" or plastic scintillator
Measurement range	100 nSv/h - 40 mSv/h
Energy range	60 keV - 6 MeV
Work temperature	From 5 to 45 °C
IP	Indoor use
Communication interface	Ethernet and Wifi
Power supply	110 / 220 VAC
Weight / size	3.7 kg — L 120 cm—Dia 30 cm
Optional neutron detector	



## BRUMOS FOR AREAS AND CONVEYORS