

G-SCAN

HAND BAGGAGE GAMMA DETECTOR



FEATURE HIGHLIGHTS

- High sensitivity gamma-source detection
- Uniform cover of transit area
- Quick response
- Autonomous operation
- Automatic background compensation
- Optical and acoustical alarm signalling
- Strong, elegant construction in AISI 316 stainless steel
- Remote Management and Monitoring through Ethernet Connection
- Integrated, real time Clock and Data Logging System
- RS-232 interface for local programming and diagnostic



Compliant with IEC 62244 and ANSI N42.35 Standards for Gamma Detection

THE CEIA G-SCAN GAMMA DETECTOR IS A SENSITIVE RADIOACTIVE SUBSTANCE DETECTOR, DESIGNED TO OPERATE IN TANDEM WITH X-RAY SCANNERS TO INSPECT HAND BAGGAGE

G-SCAN HAND BAGGAGE GAMMA DETECTOR



The CEIA G-SCAN Gamma Detector is a **sensitive radioactive substance detector, designed to operate in tandem with X-ray scanners** to inspect hand baggage.

The Gamma Detector **can be installed at the entrance or the exit of the scanner**, and operates completely independently.

After switching on, the device carries out a brief phase of self-calibration, signalled via a yellow light. The operative state of the detector is then confirmed by a green light.

If radioactive substances are detected, the G-SCAN provides an acoustic alarm and two blue optical signals.

Any self-diagnostic alarms are signalled by a red light.

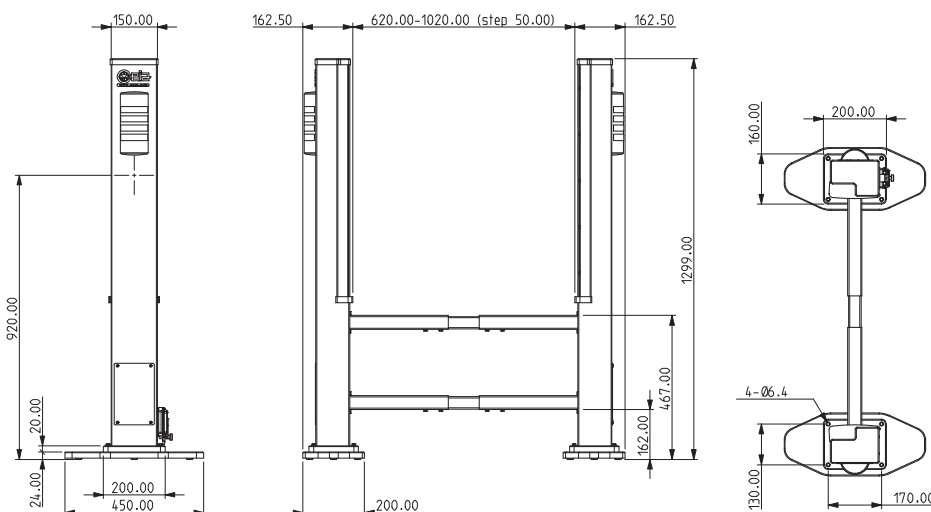
The device is constructed in **AISI 316 stainless steel**, and features great reliability and stability throughout its working life.

The detection sensitivity of the G-SCAN **complies with the regulations in force for radiation detectors** for the inspection of people and goods.

SPECIFICATIONS

ALARM SIGNALS	Acoustic, adjustable in intensity.
	Maximum psophometric pressure: 90 dB (1 m)
INTERFACING	Optical, via two multi-colour lights visible at 6 m with 4000 lux of ambient intensity
	Programmable serial asynchronous RS-232 Ethernet TCP/IP RJ-45 10 Mbaud base T
RELATIVE HUMIDITY	0-95% without condensation
STORAGE TEMPERATURE	from -35 °C to +70 °C
OPERATING TEMPERATURE	from -30 °C to +55 °C
WEIGHT	55 kg
POWER SUPPLY	from 100 to 240 Vac, 47-63 Hz, 20 VA

DIMENSIONS



SIGNALLING



YELLOW LIGHT:
SWITCHING ON
AND CALIBRATION
(30 SECONDS)



GREEN LIGHT:
CEIA G-SCAN
OPERATIVE



BLUE LIGHT:
DETECTION OF
RADIOACTIVE
SUBSTANCE

RELATED EQUIPMENT

ENHANCED METAL DETECTOR

Integrated Metal and Gamma Detector Portal, designed to detect metal and radioactive threats simultaneously

METAL DETECTOR SPACER

Divider between Metal & Gamma Detectors and X-Ray scanners, specifically designed to optimize system compatibility (strongly recommended for X-Ray scanner applications).

Dimensions: 35 x 65 x 129 cm (WxDxH)



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