

Cerbere



Gamma and X-ray Monitoring Beacon

- Compatible with the SI-GAM range of smart probes
- Audible and flashing visual alarms
- Simple and intuitive User Interface
- Configurable relay outputs
- Can be switched On remotely
- Suitable for both a fixed or mobile station



Technical characteristics



Detection characteristics

Type: Gamma and X-ray monitoring beacon with detection probe.
The detection characteristics depend on the probe used.

	SI-GAM - EV	SI-GAM - BF	SI-GAM - MF	SI-GAM - HF
Settings	EnVironment	Low flow	Medium flow	High flow
Dose rate range	0.05 μ Sv/h to 999 μ Sv/h	0.5 μ Sv/h to 9.99 mSv/h	10 μ Sv/h to 99.9 mSv/h	500 μ Sv/h to 9.99 Sv/h
Energy range		50 keV to 1.25 MeV	60 keV to 1.5 MeV	
Weight (without power cord)	80 g	110 g	90 g	80 g
Dimensions	30 x 240 mm	\varnothing 30 x 150 mm		30 x 120 mm



Alarm characteristics

Threshold: Set by the user (the range of values depends on the probe)

Sound: Buzzer > 85 dBA at 30 centimeters

Visual: 1 orange flashing warning light



Electrical characteristics

Charge: 15 V / 2.4 A DC voltage (provided)

Battery use

Battery life without alarm: 20 hours

Battery life in alarm mode: 14 hours



Connectivity

Relay: 3 relay outputs with 3 poles COM / NO / NC
4 configurable switching states:
Failure or Alarm / Operational / Failure / Alarm

Switch power: 60 VA with 24 V max - on resistive charge
40 W with 48 V

Remote start: One 0 - 24 V logic digital input line



Mechanical and environmental characteristics

Dimensions: Beacon 570 x 260 x 160 mm

Probe 150 x \varnothing 30 mm

Weight: 7.0 kg

IP code: Beacon IP2X

Probe IP67



Regulatory Compliance

Compliance: IEC 60532 Ed. 2010 (ongoing)



Side view