

100 m / 350 ft

MAX. RANGE

4

BEAM CHANNELS

IP65

PROTECTION

912-919 MHz

SUPERVISION

Product Overview

The PG9350SL is a PowerG wireless photoelectric beam detector intended to protect outdoor perimeters. It uses quad infrared beam interruption detection circuitry, and IP65 protection.

Technical Specifications

Maximum detection range	100 m / 350 ft
Detection method	Quad infrared beam interruption detection
Selectable beam frequency	4 channels
Interruption time	Selectable: 50, 100, 250 or 500 ms
Power source	Recommended: 3.6 V, 13.0 Ah LSH20 lithium batteries manufactured by SAFT
Current draw	745 μ A total - Transmitter: 420 μ A + Receiver: 325 μ A (at 25°C, 3.6 VDC)
Battery life	Transmitter: approx. 4 years; Receiver: approx. 5 years
Operating temperature	-20°C to +60°C (-4°F to 140°F)
Operating humidity	95% max.
Alignment angle	$\pm$ 90° horizontal, $\pm$ 10° vertical
Dimensions (H x W x D)	452 x 83 x 138 mm (17.9 x 3.3 x 5.4 in)
Weight	3300 g total, transmitter + receiver, excluding accessories
International protection	IP65
Supervisory transmission	912-919 MHz, 128/256 second intervals

DSC PG9350SL - Technical Details

Indicators

Alarm indicator (Receiver)	Alarm: ON; beam received: OFF
Level indicator (Receiver)	No beam received: ON; beam received: blinking or OFF
Power indicator (Transmitter)	Power ON: ON; Power OFF: OFF
Low battery indicator	Voltage reduction: blinking

Compatible Panels

- IQ2+ (v2.6.2 and higher)
- IQ Hub (v3.0.1 and higher)
- IQ4 (v4.0.1 and higher)

Installation Notes

- Recommended mounting height: 0.7 to 1 m (2.3 to 3.3 ft).
- Pole mounting diameter: 34 to 48 mm (1.34 to 1.89 in).
- The transmitter and receiver must use the same selected beam frequency.
- Avoid unstable surfaces, direct sunlight, and objects that can block the beam.
- Optical alignment should be adjusted to achieve an 'Excellent' monitor output level of 2.8 V or more.

BATTERY INFORMATION

The detector uses four SAFT LSH20 batteries in total: two for the transmitter and two for the receiver. Battery life figures apply to new ones so the low-battery indicator resets.

Standards / Compliance

- FCC CFR 47 Part 15
- UL 639
- IC RSS-247
- ULC-S306