



**CENTURION**

**Photon™**



**Infrared gate  
safety beams with  
wireless technology!**





# Photon™

Introducing CENTURION's new **Photon** infrared gate safety beam with a wireless transmitter.

**Photon** makes short work of achieving a safe automation system for even the most challenging of installations.

With a wireless transmitter there's no need to tunnel under the driveway.

Simply align, attach and you're away!



## Features and benefits

---

### Wireless transmitter

So you want the ultimate in gate safety, but don't necessarily want to ruin your beautiful cobblestone driveway to get it. No problem! The **Photon** makes use of a completely wireless transmitter, allowing you to leave tunnelling and burrowing to the moles and saving you precious time and money.

---

### Low power consumption

The wireless transmitter beam requires only two AA batteries (included in the kit) to deliver minimum two years of reliable operation. Low current-draw throughout the system means greater efficiency and a longer battery life, so you'll have reliable automated gate safety for years to come.

---

### Fully weatherproof enclosure

Mother Nature is a fickle dame, that much is true, but luckily **Photon's** fully weatherproof enclosure ensures that the electronics will never bear the brunt of her outbursts. Oh, and did we mention that it's ant-proof too?

---

### Long-distance performer

'No limits' is the maxim by which we engineered our semi-wireless safety beams and, with a 10 metre operating range, **Photon** is ideal for almost any entrance gate.

---

### Compatible with Intruder-detection Alarms

Safety and security has always gone hand in hand, and **Photon** further enhances this happy union via full compatibility with the Intruder-detection Alarms (a world first) found on certain CENTURION operators.

---

### Easy on the eye

Who says safe can't be sexy? **Photon** is only 50mm wide, making it unobtrusive and aesthetically pleasing. With sleek curves and attractive slim-line construction, these CENTURION beams are sure to enhance the aesthetics of any entrance lucky enough to be protected by them.



## Technical specifications

	Photon Transmitter	Photon Receiver
Power supply	2 x AA Alkaline batteries (supplied)★	12 - 24V AC 12 - 30V DC
Power consumption	NA	30mA @ 12V DC
Battery life	>2 years	NA
Battery low indication	Audible beep	
Maximum operating distance	10m	
Alignment	Automatic - 1m <sup>2</sup> @ 10m⚙	
Output contact	Fail-safe, N/C and N/O, potential-free contact	
Output contact rating	3A @ 30V DC non-inductive	
Operating temperature	-15°C to + 65°C	
Operating humidity	0 to 90% non-condensing	
Housing material	ABS	
Lens material	PC	
Degree of protection	IP-54	

★ Only replace with AA Alkaline batteries, do not use rechargeable batteries with this product

⚙ Circular area - assuming parallel surfaces

0.07.A.0052\_22072013

E&OE Centurion Systems (Pty) Ltd reserves the right to change any product without prior notice

[www.centsys.com](http://www.centsys.com)

Centurion Systems (Pty) Ltd • South Africa  
Contact number: +27 11 699 2400