



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 ² @ 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

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