



Photon™
SMART



WIRELESS INFRARED SAFETY BEAMS

Wireless technology, quick and easy
installation, maximum safety

Centurion Systems is a Company of the



Made in **SOUTH AFRICA**

24 MONTH
WARRANTY





PHOTON SMART

Get peace of mind in no time thanks to our award-winning **SMART** technology.

Connecting wirelessly to your **CENTURION SMART** solution, **Photon SMART** gives you an automated gate system that isn't just safe, it's **intelligently safe**. **Photon SMART** can be installed with **ZERO** wires, meaning there are no hard-wired connections that can be damaged or compromised and no digging or tunnelling under your driveway, saving you time, effort and money and ensuring that your gate or garage door can be operated in complete safety.

FEATURES AND BENEFITS

Fully wireless

Both the receiver and transmitter are battery-operated and fully wireless. Simply align, attach, pair and you're done!

Photon SMART is compatible with the following solutions from Centurion Systems:

- **D5 SMART** – our most innovative gate motor yet
- **SDO4 SMART** – intelligent garage door operator boasting whisper-quiet operation, extended battery life and the easiest installation and commissioning around. For the first time, it's easy and cost-effective to add beams to a garage door
- **D10 SMART and D10 TURBO SMART** – high-volume, high-security performers for sites ranging from residential estates and complexes to busy office parks
- **D20 SMART** – a practically indefatigable operator for heavy gates

Beautifully styled

Sleek, slimline and elegant, **Photon SMART** adds a touch of sophistication to any swing gate, sliding gate or garage door. The beams are only 50mm wide, making them unobtrusive and aesthetically pleasing.

Fully weatherproof enclosure

Nature can be fickle, that much is true – but luckily, the **Photon SMART's** fully weatherproof enclosure ensures that the electronics are always protected against the elements. The units are also fully-sealed, helping to prevent insect ingress.

Easy commissioning

Guided alignment takes all the hard work and frustration out of commissioning the system. Using the intuitive and interactive MyCentsys Pro mobile app, pairing the beams to your **SMART** automation solution takes just seconds. Everything about the **Photon SMART** is designed to **make your life easier**.

Outstanding reliability

Low current draw throughout the system means greater efficiency, and the batteries can deliver up to two years of service before they need replacing. In addition, the system will alert you when it's time to change the batteries.

TECHNICAL SPECIFICATIONS

Photon SMART	
Power supply	2 x AA Alkaline Batteries ¹ (supplied for each transmitter and receiver)
Battery life	>2 years
Battery-low indication	Notified via MyCentsys Pro Mobile Application
Maximum operating distance	30m
Alignment between beams ²	Automatic – 1m @ 10m
Maximum Operating Distance Photon SMART Receiver to SMART Controller	10m
Operating temperature	-15°C to +65°C
Operating humidity	0 - 90° (non-condensing)
Housing material	ABS
Lens material	PC
Degree of Protection	IP54
Packaging weight	200g
Packaging dimensions	Length: 137mm Width: 72mm Height: 58mm

1. Only replace with AA Alkaline batteries; do not use rechargeable batteries with this product
2. Circular area - assuming parallel surfaces