



Enhanced security features such as automatic closing, designed to ensure that the gates will always close automatically, are not recommended to be activated without the use of safety beams.

i5 infrared photocells from CentSys are simple to align, extremely reliable and boasts an operating range of up to 40 metres. They can be used on gates, garage doors, and even for simple perimeter protection.

The **i5** photocells are compatible with supply voltages from 12V to 40V DC. These versatile beams can be used on almost any gate or access automation equipment found in the market.

Features and benefits

Easy to align

With a massive 9m² (3m x 3m) alignment area, the CentSys **i5** infrared photocells practically align themselves!

No more battling onsite with beams that simply won't align - the wide beam cast by the **i5** transmitter makes this formerly painful process an absolute dream!



Highly cost-effective

One can't put a price on safety - but you'll be happy to know that CentSys **i5** photocells deliver a highly cost-effective detection solution. With these photocells installed, your gate won't break your car and it won't break the bank either!

Easy commissioning thanks to LED indicators

Both the transmitter and receiver are fitted with a green LED indicator to help you quickly and effortlessly commission the system and also help you with any diagnostic exercises.

Suits even the widest of entrances


i5 photocells work over a distance of up to 40 metres, making them suitable for even very wide entrances. No matter how big the entrance, nothing is getting past them!

Compatible with Intruder-detector alarms

Safety and security have always gone hand in hand, and **i5** infrared gate safety photocells further enhance this happy union via full compatibility with the Intruder-detection alarms (a world first) found on certain CentSys operators.

Wide power input range

i5 offers you the freedom to use the power supply most suited for your application. It's automated gate safety without limitations!





Technical specifications

Photon

Power supply	Transmitter – 2 x AA Alkaline batteries (supplied)* Receiver – 12V - 24V DC/AC
Power consumption	Receiver 30mA @ 12V DC
Transmitter battery life	>2 years
Battery-low indication	Audible beep
Maximum operating distance	10m
Alignment	Automatic – 2m ² @ 10m*
Output contact	Normally-closed and normally-open potential-free
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	IP54

i5

Power supply	12V - 24V DC/AC
Power consumption	Transmitter - 21mA; Receiver - 43mA @ 12V
Maximum distance	40m
Alignment	Automatic - 9m ² @ 10m*
Output contact rating	5A @ 220V AC (non-inductive)
Operating temperature	-15°C to +55°C
Operating humidity	0% - 90% (non-condensing)
Degree of protection	IP54

*Circular area, assuming parallel surfaces

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