



Perimeter Intrusion detection systems

PLS Laser Detector

Telemetric Infrared Laser Detector



Protection at **200°** and **360°**



The PLS laser detectors provide a high level of perimeter intrusion detection. The smaller PLS detectors integrate into their surroundings and provide different levels of detection:

- PLS 30 E: 35m range at 200°
- PLS 60: 60m range at 360°
- PLS 100: 100m range at 360°

Thanks to its rotating mirror, the PLS detector can detect an intrusion within a 360° field and up to 100m in distance, i.e. A zone of 200m in diameter (6 ha).

Its small size and discreet design allows for installations of all configurations and architectural designs.

FIELDS OF APPLICATION

Fixed Installations :

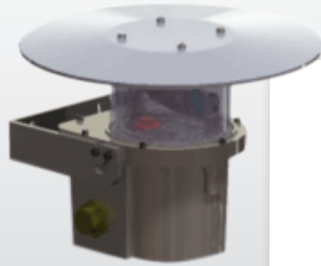
- **Isolated buildings** (warehouse, water tower...)
- **Roof-tops** (centre commercial, site confidentiel...)
- **Logistic car park platforms**
- **Airports, sea ports, car parks, quays**
- **Industrial & military sites**
- **Prisons**

Mobile Installations :

- **Temporary storage warehouse**
- **Building sites**
- **Surveillance of a parked airplane or truck with sensitive or valuable material**
- **Surveillance of a runway or taxiway**
- **Surveillance of a sea to land approach**
- **Military camp**

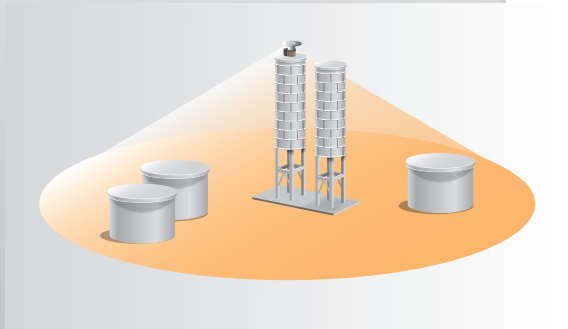


PLS E 30



PLS 60/100

PLS detectors range



ADVANTAGES

- **6000 hits at 360° and 2Hz**
- **Set-up of a software map**
(either once configured or at installation)
- **Real-time comparison of the distances**
- **Dynamic masking**

The set-up of the PLS is both flexible and simple and is especially adapted to places where it is harder to install traditional technologies.

The system optimizes the control and protection of goods and people on high risk sites (military camps, temporary parking areas, outdoor equipment, etc.) thanks to its rapid set-up and autonomy.

TECHNICAL CHARACTERISTICS

PARAMETERS	VALUES		
Product	PLS 30 E	PLS 60	PLS 100
Maximum detection range (1)	35m	60m	100m
Detection angle	200°	360°	360°
Angular resolution	1 milliradian (0.057°)		
Number of tracked objects	16 simultaneously		
Scan rate	2 Hz		
Wavelength	905 nm		
Laser protection class	class I		
Output interface	RS 485 / Dry contact		
Installation	vertical / horizontal		
Weight	580g	980g	
Poids	185 x 120 x 110 mm	187 x 130 x 145 mm	
Dimension	260 x 260 x 398 mm		ø 260 x 270mm
Power supply	12 Vdc - 0.7A		
Protection index	IP 67		

(1) Detection range of an object with reflectivity > 30%

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Seal of the retailer

In order to continuously ensure the high standard of quality and performance of our products, we reserve the right to modify the present technical data without notification.

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