



# PLS-30



## Preliminary Specifications

Parameter	Value
Maximal detection range (Wide & reflective object).	Up to 35m
Maximum Detection Range for a low (10%) reflective object	Max. 25m
Angular resolution	1 miliRadians (0.057°)
Maximal scanning angle	200°
Beam Inclination Angle	0° (Optional 0° ÷ 5° by request)
Number of Tracked Objects	16 simultaneously
Adaptivity to periodically movement objects (trees, bushes, etc.)	Yes
Scan Rate	2 Hz
Pulse Repetition Frequency (PRF)	12 kHz
Mounting Height	0-8m
Possibility additional tracking PTZ Dome camera / spotlight.	Yes
Output interface	RS485 Half duplex / PTZ / Dry contact
Laser protection class	Class 1 (eye safe)
Wavelength	905nm
Operating Ambient Temperature	- 30°C ÷ + 50°C
Storage Temperature	- 50°C ÷ + 80°C
Supply voltage	12 VDC ± 10% @ 0.7 A (8 Watt)
Heater Supply voltage	12 VDC ± 10% @ 1.6 A (20 Watt)
Installation position	Vertical / Horizontal
Enclosure rating	IP 67
*Weight	580 g.
*Dimensions (H x W x D)	185 x 120 x 110 mm

\* Not include cover and connector