



ALS- 200 / 350



Parameter	Value
Maximal detection range (typical human with reflectivity $\geq 17\%$)	Up to 200 / 350m
Maximum Detection Range for a low (10%) reflective object	Max. 160 / 270m
Capability to detect crawling intruder (maximal detection distance).	100 – 150 / 150 – 220 m
Angular resolution	0.7 miliRadians (0.04°)
Maximal scanning angle	360°
Beam Inclination Angle	0° ÷ 5° Factory Preset
Required Detection Time (Algorithm at Maximum Performance for low false alarm rate).	2 – 3 seconds.
Number of Tracked Objects	16 simultaneously
Self -Adaptation of the Algorithm Thresholds to account for changing environment and moving vegetation.	Yes
Scan Rate	0.65 ÷ 1 Hz
Pulse Repetition Frequency (PRF)	4.5 ÷ 6.0 kHz
Mounting Height	0-8m
Provides Smooth Tracking of the Intruder by Automatic Slaving of PTZ by the Sensor or the CC Software.	Yes
Simultaneous Detection of Walking and Crawling Intruders	Yes
Output structure	(Azimuth; Range) or (Errors; Failures)
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 $\pm 10\%$ @ 0.8 A (9.7 Watt)
Heater Supply voltage	12 VDC $\pm 10\%$ @ 3.5 A (48 Watt)
Installation position	Vertical / Horizontal
Enclosure rating	IP 67
*Weight	4.7 Kg
*Dimensions (D x H)	Ø 260 x 270

* Not include cover