



LFS-A-150

Sensor specification



Parameter	Value
Maximal Detection Range (typical human with reflectivity $\geq 30\%$).	Up to 150 m
Maximal Detection Range for a Low (10%) Reflective Object	Max. 75 m
Angular Resolution	2 mR (0.115°)
Maximal Scanning Angle	100°
Beam Inclination Angle	0 \pm 0.5°
Adaptivity to Periodically Movement Objects (Trees, Bushes, etc.)	Yes
Scan Rate	5 \div 6 Hz
Pulse Repetition Frequency (PRF)	7 \div 8 kHz
Mounting Height	0-30m
Output Interface	Dry contact / RS 485
Laser Safety Class	Class 1 (eye safe)
Wavelength	905nm
Operating Ambient Temperature	- 25°C \div + 55°C
Storage Temperature	- 35°C \div + 70°C
Supply Voltage (not include heater)	12VDC \pm 10% @ 0.7 A (8.5 Watt)
Installation position	Vertical / Horizontal
Enclosure rating	IP 67
**Weight	6 Kg
**Dimensions (W x D x H)	300 x 250 x 150 mm

** Not include cover and bracket