



LFS-B-30

**With integrated camera
and IR illuminator**

Sensor specification



Parameter	Value
Maximal Detection Range (typical human with reflectivity $\geq 30\%$).	Up to 30 m
Maximal Detection Range for a Low (10%) Reflective Object	Max. 25 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	0-7m
IR Illuminator	24 LED @ $\pm 60^\circ$
CCD sensitivity (LED Off / LED On)	0.01Lux / 0Lux
*Video Output	Composite video 1V p-p @ 75 Ω
Output Interface	Dry contact / RS 485
Laser Safety Class	Class 1 (eye safe)
Wavelength	905nm
Operating Ambient Temperature	- 25°C \div + 50°C
Storage Temperature	- 35°C \div + 60°C
Supply Voltage	12VDC $\pm 10\%$ @ 1.6 A (19 Watt)
Installation position	Vertical / Horizontal
Enclosure rating	IP 67
**Weight	5 Kg
**Dimensions (W x D x H)	260 x 250 x 150 mm

*Default video standard - PAL-BG.

** Not include cover and bracket