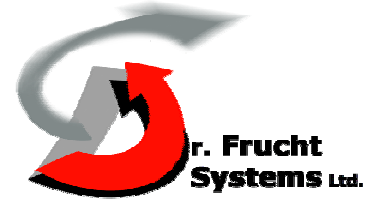




LFS-C-30

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 (0.125°)
Maximal Scanning Angle	100°
Beam Inclination Angle	0°, 2°, 4°, 6°
Adaptivity to Periodically Movement Objects (Trees, Bushes, etc.)	Yes
Scan Rate	4 ÷ 5 Hz
Pulse Repetition Frequency (PRF)	5 ÷ 6 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 ÷ + 50°C
Storage Temperature	- 35°C ÷ + 70°C
Supply Voltage	10-15 VDC @ 1.7 A (20 Watt)
Installation position	Vertical / Horizontal
Enclosure rating	IP 67
Weight	3.9 Kg
Dimensions (W x D x H)	240 x 240 x 180 mm

*Default video standard - PAL-BG.