



LFS-B-160

With four integrated cameras and video switcher controller.



System specification

Parameter	Value
Maximal detection range (typical human with reflectivity $\geq 30\%$).	Up to 160 m
Maximal Detection Range for a Low (10%) Reflective Object	80m
Angular Resolution	2 mR (0.115°)
Maximal Scanning Angle	108°
Beam Inclination Angle	0 \pm 0.2°
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	0.5-30m
CCD sensitivity	0.01Lux
*Video Output	Composite video 1V p-p @ 75 Ω
Output Interface	RS485 Half duplex / Dry contact
Laser Safety Class	Class 1 (eye safe)
Wavelength	905nm
**Operating Ambient Temperature	- 25°C \div + 50°C
Storage Temperature	- 35°C \div + 70°C
Supply Voltage (not include heater)	12VDC \pm 10% @ 1.5 A (18 Watt)
Heater Supply voltage (For environment under 0°C)	10-14 VDC @ 2.5 A (30 Watt)
**Enclosure rating	IP 67
Weight	13.5 Kg
Dimensions (W x D x H)	310 x 220 x 280 mm

* Default video standard - PAL-BG.

** LFS-B system request sun / rain protection hood, to prevent hit of rain water on the windows and system overheat from the direct sun. The hood is not supplied with the system and must be configured, according to installation conditions and be made so, that to protect the system from above and non detection sides.