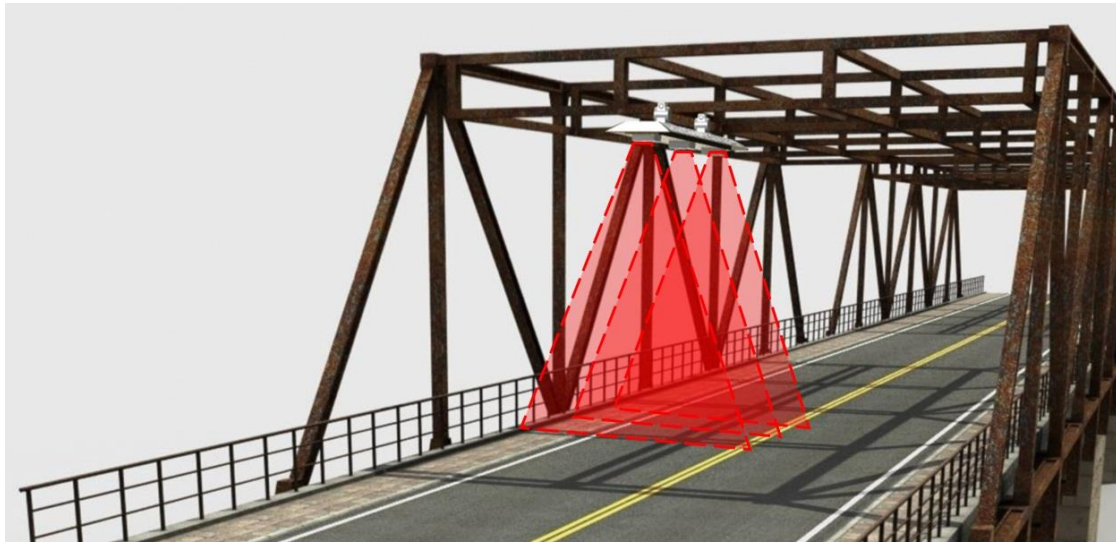


SPEC of Dense Laser Curtain for Vehicle Velocity Measurement at Short Ranges (DLCV)



Parameter	Value
FOV (each LRF)	0.5° x 25°
Number of LRFs	3 x 2 (Max., depends on accuracy requirements)
Pulse Repetition Frequency (PRF)	Up to 250Hz
Max detection speed	350 km/sec
Velocity Accuracy	Less than 0.03 % from the velocity
Measure accurately the Length of the Vehicle	Less than 0.03 % length
Measure Height of the Vehicle	Accuracy of 0.5 m . Upon request, can be better
Mounting Height	7.5m
Pass Width on the road	3.5m
Output Interface	RS 485
Laser Safety Class	Class 1 (eye safe)
Wavelength	905nm
Operating Ambient Temperature	- 25°C ÷ + 55°C
Storage Temperature	- 35°C ÷ + 70°C
Supply Voltage (not include heater)	12VDC ±10% @ 0.7 A (8.5 Watt)
Enclosure rating	IP 66
Weight	5.8 Kg
Dimensions (W x D x H)	173 x 1100 x 112 mm