


Product Model	GL-1130US series
Product pictures	
Dimensions (L x W x H)	Rear Interface:136×129×205.5mm;Bottom Interface:125×129×217mm
Weight	<2kg
Suffix Identification	Bottom Interface(-A); Wide Temperature(-W);
Wavelength	905nm
Laser Class	Class I (IEC 60825-1)
Power Voltage	DC24V±4V
Start-up Current	2A@DC24V
Heating Power	DC24V
Power Consumption	TYP≤18W, HTG≤58W
Performance	
Aperture Angle	270°
Working Range	0.1-65m
Scanning Range	30m@10% radiance factor; 65m@90% radiance factor
Emission Frequency	144KHz
Scanning Frequency	100/200Hz
Angular Resolution	0.25/0.5°
laser beam divergence	6±1mrad
Response Time	90±20ms
Systematic Error	±30mm
Statistical Error	±20mm
Number of Detection Zones	Obstacle detection:16 groups×4pcs; Target tracking:16+16pcs
Interface	
Interface Type	“Power”: 6-pin; “Communication”: 7-pin; IO: 9-pin
Power Interface	1 x “Operate”;1 x” Heat”
Communication Interface	Network interface: 1 port; RS232/RS485: 1 port (optional)
Teleindication/Telecontrol	Teleindication: 2 ports; Telecontrol: 2ports
Synchronized-signals	SYNC: 1 port
Remote Control Features	Dry contact
Ambient and Safety	
Operating Temperature	-55°C ~ +70°C(-W);-20°C ~ +55°C
Operating Humidity	0% ~ 95%
Storage	Temperature-55°C ~ +80°C; Humidity0% ~ 95%
Integrated Ambient	Altitude≤6000m; Hot-wet resistance; Corrosion resistance
Light Immunity	80000lx
Vibration Resistance	IEC 60068-2-6
Shock Resistance	IEC 60068-2-27
Electromagnetic Compatibility (EMC)	IEC 61000-6-4/IEC 61000-6-2
Enclosure Rating	IP67/IP68