

Product Model	GL-1230
Product pictures	
Dimensions (L x W x H)	Rear Interface:130×102×157mm;Bottom Interface:108×102×180mm
Weight	<1.5kg
Suffix Identification	Bottom Interface(-A); Wide Temperature(-W);
Wavelength	905nm
Laser Class	Class I (IEC 60825-1)
Power Voltage	DC10 ~ 32V, Recommended:DC24V/DC12V
Start-up Current	2A@DC24V;2.5A@DC12V
Heating Power	DC24V
Power Consumption	TYP≤15W, HTG≤55W
Performance	
Aperture Angle	270°
Working Range	0.1-80m
Scanning Range	30m@10%; 80m@90%
Emission Frequency	144KHz
Scanning Frequency	25/50/100Hz
Angular Resolution	0.0625/0.125/0.25°
laser beam divergence	6±1mrad
Response Time	20±20ms@50Hz
Systematic Error	±30mm
Statistical Error	±20mm
Number of Detection Zones	Obstacle detection:16 groups×4pcs; Target tracking:16+16pcs
Interface	
Interface Type	“Power”: 5-pin; “Communication”: 4-pin; IO1: 8-pin; IO2:8-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 ^[1]	-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