

VanJee LiDAR would create vision for robotics (AGV+AMR) to realize autonomous operation with utmost safety.



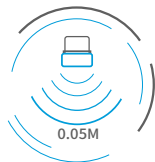
VanJee LiDAR

Mini Anti-Collision LiDAR WLR-718H

Description

VanJee LiDAR WLR-718H is a 2D protective LiDAR with I/O anti-collision function. The LiDAR is convenient for integration into narrow installation areas such as fork tip of autonomous forklift due to its ultra-thin design (58mm * 51mm X * 42.9mm). In addition, the LiDAR has comprehensive protection function (360° Horizontal FOV, 12m ranging distance and up to 48 protection zones), thereby providing the utmost safety for mobile or fixed application scenarios.

Advantages



Compact Size
Only 58.3mm×51.3mm×42.9mm
Save assembly space



Flexible I/O Protection Functions
Support up to 48 protection zones



Comprehensive Protection Capability
360° horizontal FOV, 0.25° angle resolution and 12m ranging distance



Modular Design & Automated Production
Guarantee the supply capability of mass production

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WLR-718H

Parameters

Basic Parameters >>>

Model	WLR-718H	Operating Voltage	12~24VDC
Size	58.3mm×51.3mm×42.9mm	Operating Temperature	-20°C - 60°C
Net Weight	0.15kg	Storage Temperature	-30°C - 70°C
Power Consumption	3.7W	Laser Wavelength	905nm

Performance Parameters >>>

Scanning Frequency	15Hz	Horizontal FOV	360°
Ranging Distance	0.05~12m(4m@10%)	Horizontal Resolution	0.25°
Ranging Accuracy	±3cm		

Relevant Certification >>>

Ingress Protection	IP65	Electromagnetic Compatibility	GB/T 17626.2-2018
Laser Safety	ClassI(eyesafety)	Vibration	GB/T 2423.10-2019

WLR-718H

Scenarios

