

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



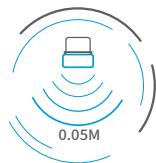
VanJee LiDAR

Mini Anti-Collision LiDAR WLR-718H

Description -718H

WLR-718H is anti-collision LiDAR with extremely high cost-effectiveness and ultra-small size (57mm*55mm*43.5mm). The LiDAR has comprehensive protection functions (16 IO protection zones with a coverage range of 12 meters), thereby providing the highest level of safety in various application scenarios for mobile robots.

Advantages -718H



Mini model

Only 57mm*50mm*43.5mm,
saving assembly space



Flexible Protection Function

Supports setting up 16 protection
zones



High Protection Capacity

0.25° horizontal resolution and
12m protection range.



Modular Design & Automated
Production

Guarantee the supply capacity of
mass production

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WLR-718H

Parameters

Basic Parameters >>>

Model	WLR-716H	Operating Voltage	DC12-24V
Size	57mm X 50mm X 43.5mm	Operating Temperature	-20°C - 60°C
Net Weight	0.3kg	Storage Temperature	-30°C - 70°C
Power Consumption	3.7W (Typical)	Laser Wavelength	905nm

Performance Parameters >>>

Scanning Frequency	15Hz	Horizontal FOV	360°
Ranging Distance	4m(@10%)	Horizontal Resolution	0.25°
Operating Range	12m	Ranging Accuracy	±30mm(Typical Vaule)

Relevant Certification >>>

Ingress Protection	IP65	Electromagnetic Compatibility	GB/T17626.2-2018
Laser Safety	ClassI(eyesafety)		
Communication Interface	Network Port/ IO Signal Cable	Vibration	GB/T2423.10-2019

WLR-718H

Scenarios



Unmanned forklift obstacle avoidance



AGV/AMR obstacle avoidance