



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

VanJee LiDAR

Mini SLAM Navigation LiDAR WLR-716 Mini

Description

VanJee WLR-716Mini LiDAR is a highly accurate SLAM navigation LiDAR with ultra-small size(50mm*55mm*72.5mm). Due to LiDAR's impressive ranging performance (± 20 mm ranging accuracy and 25m ranging capability) and remarkable consistency on special reflective surfaces, this LiDAR empowers robotics to navigate effortlessly through the complex operations in warehouses and factories. Additionally, the LiDAR provide IO zone evaluation function, ensuring the utmost safety for mobile or fixed application scenarios.

Advantages



Mini model

Only 50mm*55mm*72.5mm, convenient to integration, and suitable for various application scenarios.



Powerful detection function

Anti-collision protection suitable for various applications through integrated IO zone evaluation function.



High quality point cloud

± 20 mm ranging accuracy and can detect all kinds of objects, stable navigation in complex Environment



Modular design & automated production

Guarantee the supply capacity

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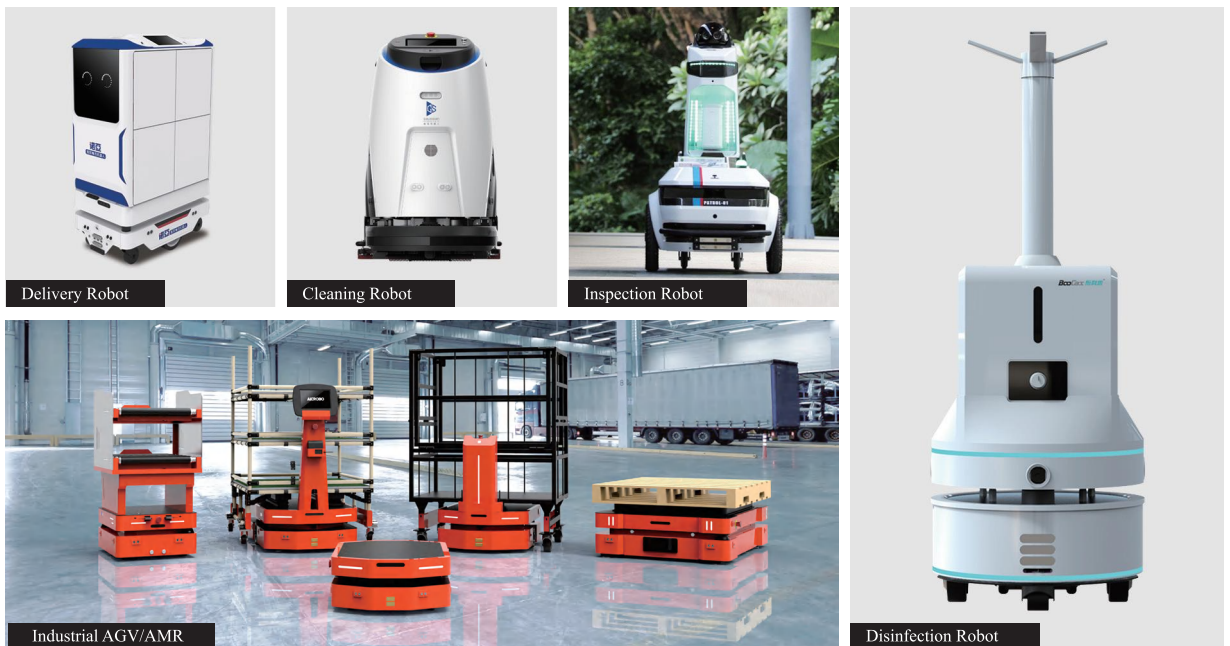
WLR-716Mini

Parameters

Basic Parameters >>>			
Model	WLR-716-Mini	Operating Temperature	-25°C-50°C
Size	50mm X 55mm X 72.5mm	Storage Temperature	-30°C-70°C
Net Weight	0.3kg	Laser Wavelength	905nm
Power Consumption	4W	Operating Voltage	9~28V DC
Performance Parameters >>>			
Scanning Frequency	15Hz/25Hz	Data Rates	16200/27000 points/sec
Ranging Distance	10m@10%/25m@90%	Horizontal FoV	270°
Operating Range	0.05-25m	Horizontal Resolution	0.25°
Ranging Accuracy	±20mm (Typical Value)	Response Time	<67ms
Relevant Certification >>>			
Ingress Protection	IP66 GB / T 4208-2007	Communication Interface	Ethernet and IO
Laser Safety	Class I (eye safety) EN 60825-1:2014		

WLR-716Mini

Scenarios



VanJee WLR-716 Mini LiDAR has been operated worldwide including China, Singapore, Canada and Indonesia.