



VanJee LiDAR

Mini Industrial Protection LiDAR WLR-718 Mini



WLR-718Mini

Description

WLR-718 Mini is a mini industrial protection LiDAR suitable for collision avoidance of AGV/AMR/laser forklifts and mobile equipment such as heavy haulers and forklifts, as well as perimeter area protection for robot workstations, venue residences, etc.

WLR-718Mini

Advantages



Mini model

Only 50mm*55mm*72.5mm,
saving assembly space



25m maximum protection distance

More than 48 protection area settings



Strong anti-interference ability


Multiple echo technology and anti-thru-beam processing mechanism






Modular design & automated production

Guarantee the supply capacity of mass production

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WLR-718Mini

Parameters

Basic Parameters >>>

| | | | |
|-------------------|----------------------|-----------------------|------------|
| Model | WLR-718-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 | Out Points | 16200/27000 points/sec |
| Detection Distance | 10m@10%/25m@90% | Horizontal FoV | 270° |
| Operating Range | 0.5-25m | Horizontal Angle Resolution | 0.25° |
| Ranging Accuracy | ±30mm (Typical Value) | Response Time | <67ms |

Relevant Certification >>>

| | | | |
|------------------|--------------------------------------|-------------------------|-------------------------------|
| Protection Class | IP66 GB / T 4208-2007 | Communication Interface | Network port, IO signal cable |
| Security Level | Class I (eye safety) EN 60825-1:2014 | | |

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Scenarios



Magnetic AGV



Unmanned sanitation vehicle



AMR



LiDAR Forklift