

W Series TOF Anti-collision LiDAR



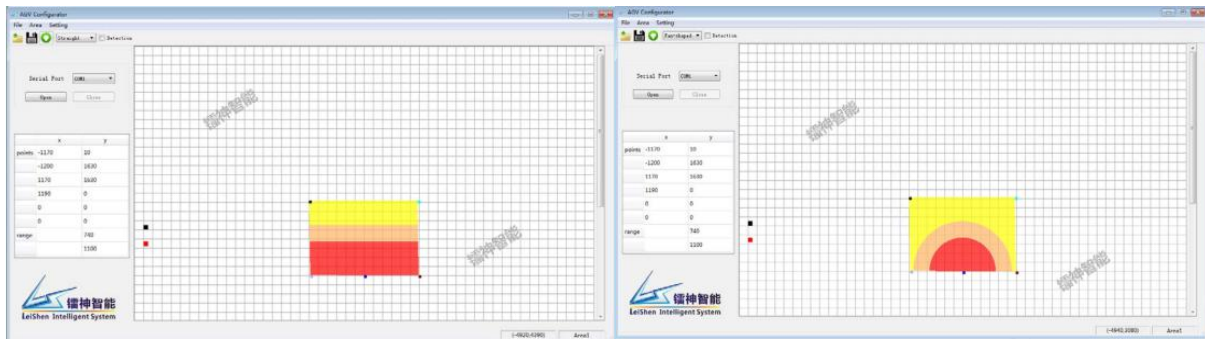
Abstract

LeiShen W series Anti-collision Laser Scanner is mainly applied to performs collision avoidance and area detection for AGV, RGV, Robot, ect. There are 15 field sets to be chosen and finally output with signals of switching values and point cloud

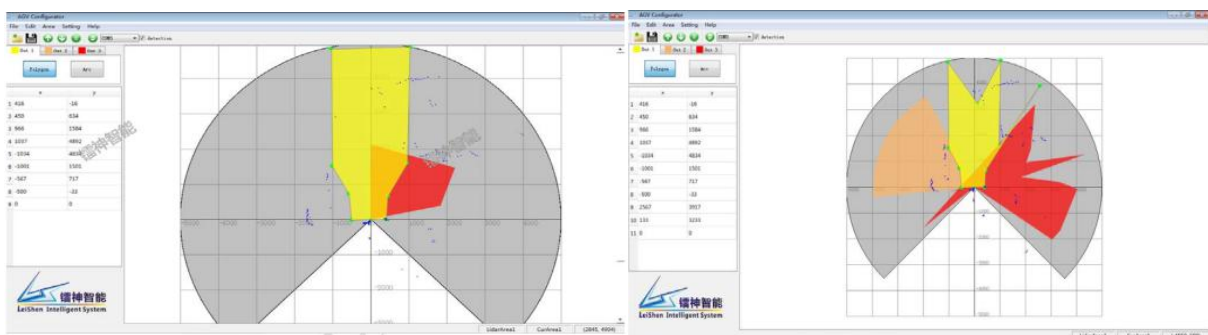
Features

- Simultaneous output of switch and point cloud data
- Flexible configuration to detection areas.
- With 15 detection areas selectable and two detecting mode: independent type and correlation type

Regional association



Regional independent



Specifications

Model	W Series
Output	Switching Value and Point Cloud Data/ Switching Value
Scanning angle	270°
Rotation Rate	10 Hz
Measurement Range	5m/10m/30m
Angular Resolution	1° / 0.36°
Monitoring area	Correlation/ Independent
Operating Voltage	9V~28VDC
Operating Temperature	-20°C ~ 60°C
Shock Test	500m/sec ² , last11ms
Vibration	5Hz-2000Hz , 3G rms
IP	IP 67
Weight	397g
Interface	NPN , PNP
Dimension (D·H)	Φ80*77.3mm