

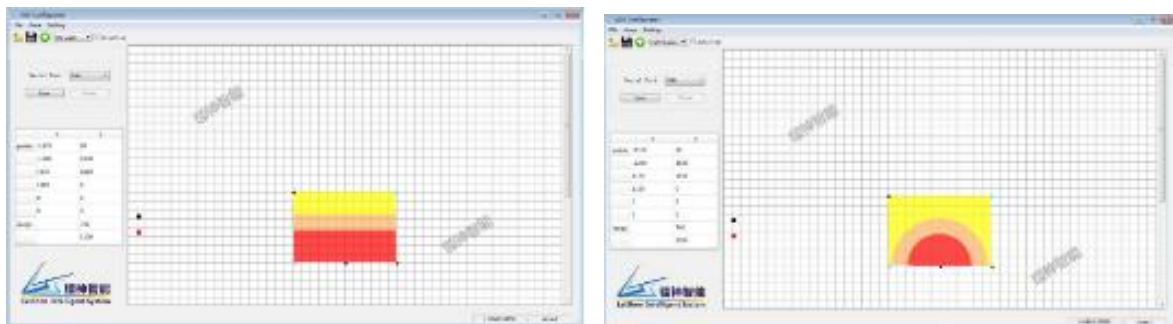
W Series Anti-collision LiDAR



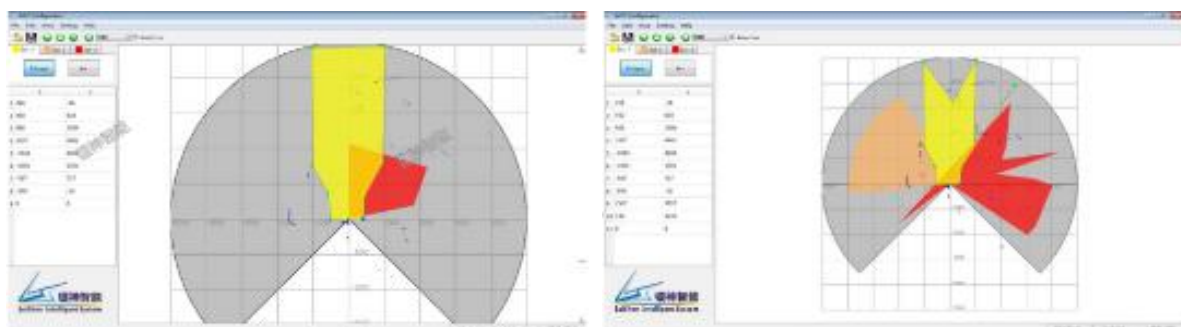
Abstract

W series Anti-collision LiDAR is mainly applied to performs collision avoidance and area detection for AGV, RGV, Robot, etc. There is flexible configuration to detection areas ,and 15 field sets to be chosen and finally output with signals of switching values and point cloud data. It has two detecting mode: independent type and correlation type, which covers all kinds of anti-collision scenes.

Regional Association



Regional Independent



Parameters

| Model | W | |
|-----------------------|--------------------------------------|-----------------|
| Wavelength | 905nm | |
| Laser Classification | Class 1 (Eye-safe) | |
| Output | Switching Value and Point Cloud Data | Switching Value |
| Range | 5m/10m | |
| FOV | 270° | |
| Rotation Rate | 10 Hz | |
| Data Points Generated | 20,000 pts/s | |
| Resolution | 0.18° | |
| Monitoring Area | Correlation/ Independent | |
| Operating Voltage | 9V~28V DC | |
| Operating Temperature | -20°C ~ 60°C | |
| Shock Test | 500m/sec ² , last11ms | |
| Vibration | 5Hz-2000Hz, 3G rms | |
| IP | IP67 | |
| Weight | 397g | |
| Interface | NPN, PNP | |
| Dimension (D·H) | Φ80*77.3mm | |