

AUTOWARE Open Source Autonomous Kit



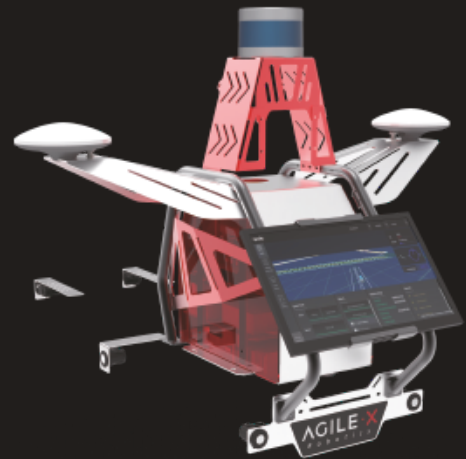
| Open source navigation

| Supporting DEMO

| ROS structure

| Ready to use

The Open Source Autonomous Kit (Localization kit for research and development) AgileX Autoware is the first fully integrated, Autonomous Driving Research and Development kit. Utilizing 3D Slam localization technology, Autoware is suitable for all driving environments including on and off-road environments. Autoware is an open-sourced development kit built ROS (Robot Operating System) allowing you to easily integrate existing libraries or new payloads and sensors.



| Autoware Includes | Table of Configuration List |
|---|---|
| Intel i7-9700 CPU | 8 cores 8 threads 3.0GHz Max memory size 32GB |
| Multi line lidar Robosense RS-LiDAR-16 | 16 Channel, 905nm wave length, Accuracy +-2cm(typical), Measurement range 20cm to 150m (on 20% reflectivity target), data rate 320,000 pts/s |
| Display Module | Liquid crystal display screen mini-hdmi to hdmi wire USB to Type-C wire |
| Communication | USB-to-CAN module |
| Power Module | 24V to 12V 24V to 19V |
| Communication Module | Interchanger |
| Compatible products | HUNTER HUNTER 2.0 SCOUT 2.0 BUNKER |

* GPS module is not included in the standard package

FEATURE

- Wire controlling of the vehicle introduction, control the vehicle by ROS
- Utilize 3D point cloud for localization and Navigation
- Path planning with obstacle avoidance.
- Parking – Forward and Reverse
- Lane Changes
- Edit vector maps (Lane lines, zebra crossings, curbs, etc.)



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