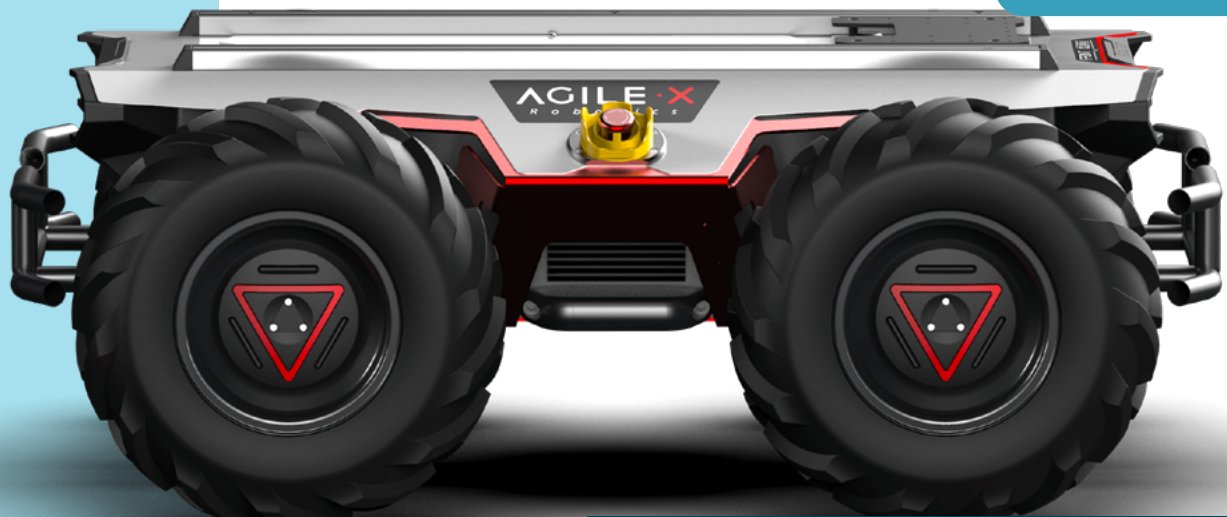


# SCOUT 2.0

CHIRONIX 

AGILEX



This chassis can be installed with different upper load and navigation system for inspection, transportation, teaching and other scenarios.

- » Four-Wheel Drive
- » Independent Suspension
- » Cooling System
- » External Expansion
- » Secondary Development

## STRUCTURAL ADVANTAGES

The core of the structural design of SCOUT series is always compact. Under the premise of guaranteed function, the body size of SCOUT2.0 is reduced by 25% from that of SCOUT1.0, adding infinite possibility to its application environment again.

## UPGRADED COOLING SYSTEM

In respect of the fully upgraded cooling system of SCOUT2.0, the internal and external circulation cooling systems are integrated; and the heat conduction module is additionally provided with directional cooling for driving module and power unit.

## EXPANSION AND SECONDARY DEVELOPMENT SUPPORTED

With independent main control system, can accomplish its own motion control, and can customize the complex operation mode. The master control provides serial port / standard CAN busbar as the communication interface and provides open source SDK, ROS\_PACKAGE.

## APPLICATIONS

- » Security Patrol
- » Topographical Surveying
- » Agricultural Spraying
- » Environmental Monitoring and Pollutant Testing

## SPECIFICATIONS

DIMENSIONS (MM) (LXWXH)	930 x 699 x 348	OPERATING TIME	2.5 hours	SUSPENSION FORM	Double Wishbone- Independent Suspension
WEIGHT	62 kg	BATTERY	24V / 30Ah	INTERFACE	Standard CAN 232 Serial Port
MAX. PAYLOAD	50 kg	CHARGING TIME	3H	OPERATING TEMPERATURE	0-40°C
MAX. SPEED	6 km/h	MOTOR	4 x 200W Brushless Servo Motor	DRIVE TYPE	Four Wheel Independent Drive Four Wheel Differential Steering
MAX. INCLINE	30°	GROUND CLEARANCE	135mm	IP RATING	IP22 Customizable to IP44, IP64