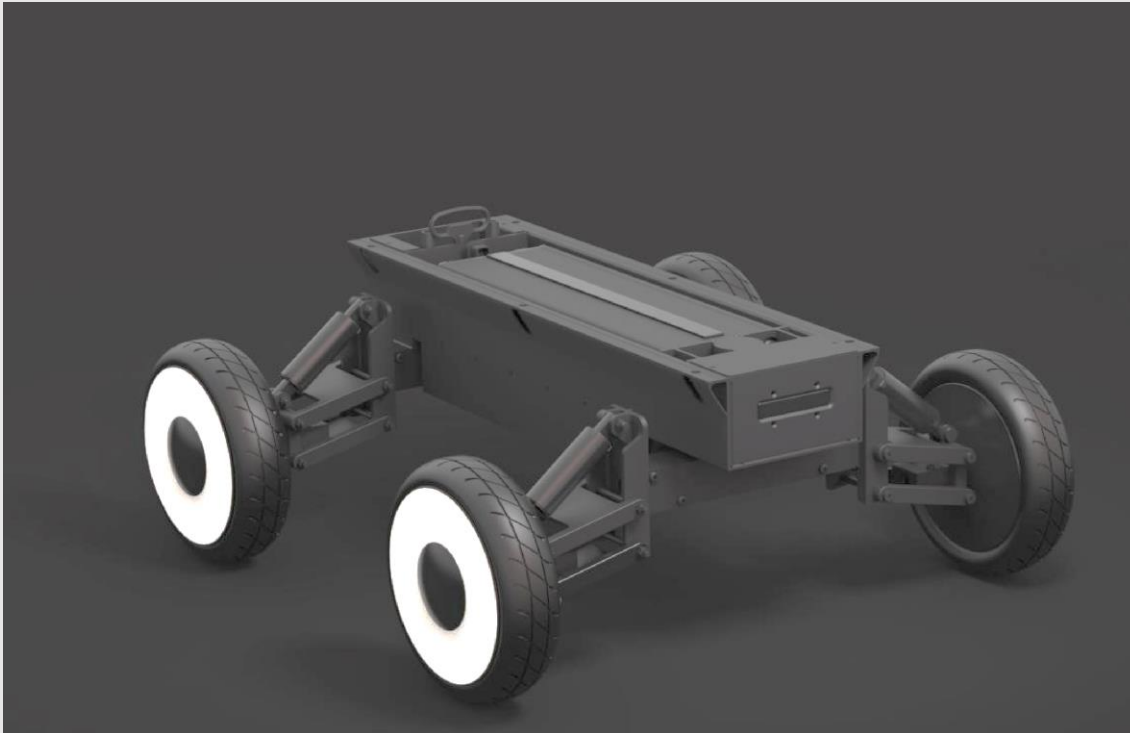


Roboserver RS401 PLUS



**Mobility Platform
Chassis for Last Mile
Connectivity solution.**
**Reduce emissions and
carbon footprint**
Reduce Costs

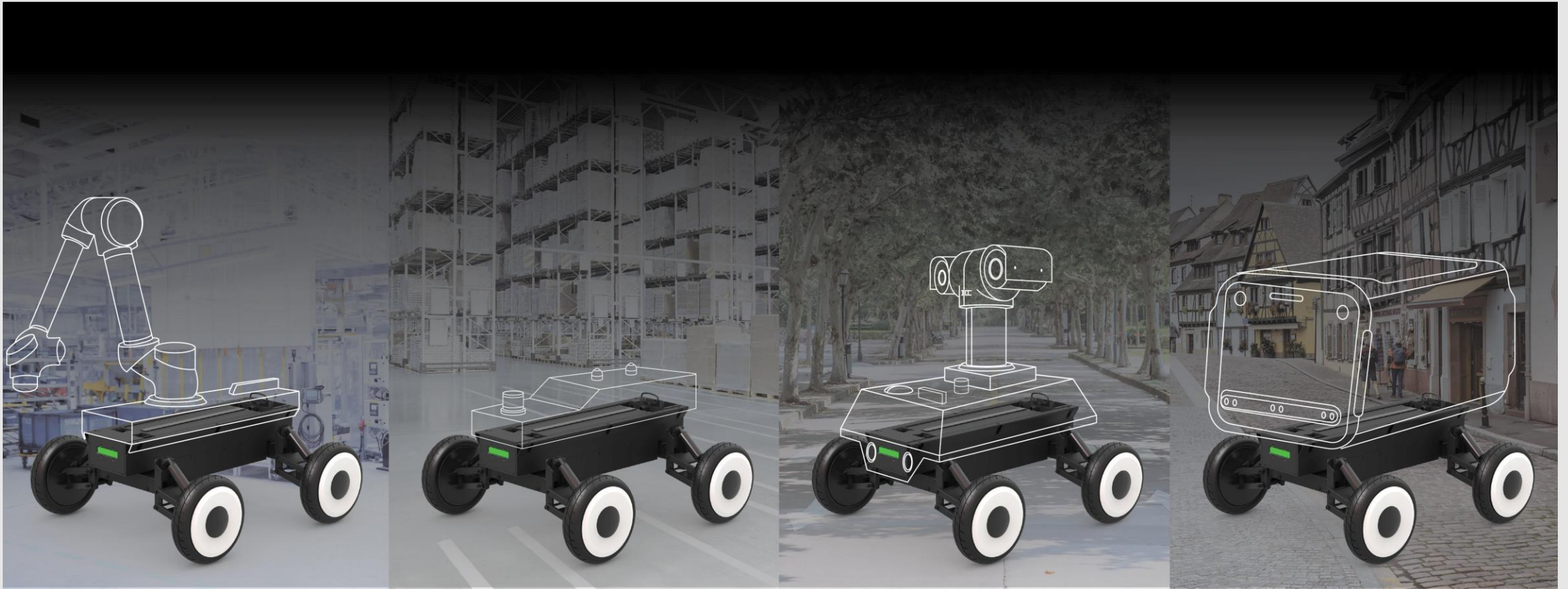
Robot Mobility Platform

Designed for enterprise or other 3rd developers, in order to provide a simple and integrated robot chassis solution. **RS401+** has large battery which can provide as long as 10 hrs of continuous usage. We offer APIs that can operate our chassis exactly as required.

Easy to service and maintain utilising our modular hardware design, we offer unified robotics description format (URDF) module for simulation and Drivers for ROS

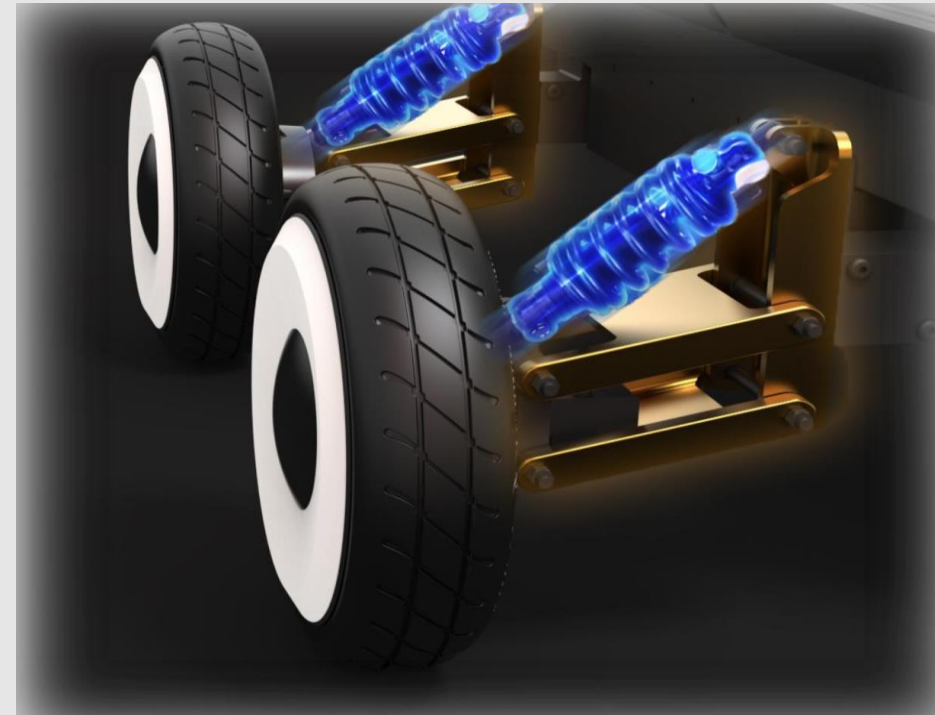


Designed for multiple Applications and purpose



4 Wheel Drive – High Power Output

- self-retained motor technology
- waterproof IPX5
- delivery mileage over 10km
- time-tested

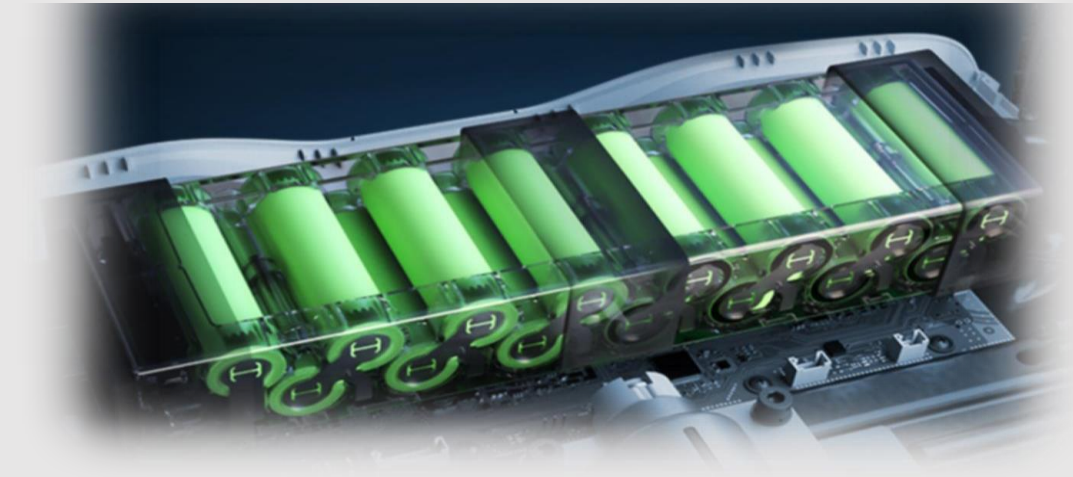


Automotive Grade Suspension

double wishbone suspension
Hydraulic shock absorber

Patented Technology:

- ✓ **Power-off Brake**
- ✓ **Automotive design @ 20 Deg Ramps**
- ✓ **4 Wheel Kinetic Energy Recovery (KER)**
- ✓ **Smart Energy Saving Tech**
- ✓ **Maximum 1kWh Li Battery**
- ✓ **Standard Mileage: 70 km**
- ✓ **Fast Swapping the battery within 30s.**



ModularComponents

RS401 PLUS SPECIFICATIONS

Physical Dimension	672*598*280 mm
Wheelbase	456mm
Track	545mm
Wheel Diameter	8"
Idea Load	28~50kg
Suspension	double wishbone suspension
Max Mileages	70km
Motor	In-Wheel Motor* 4
Battery	36V 28.7Ah
Charging	With chassis/ battery itself
Max Linear SPD	3.56m/s
Min Turning Rad	1.36m
Min Breaking Distance	~ 1m @ 3m/s
Waterproof	IPX5



Battery



Switches



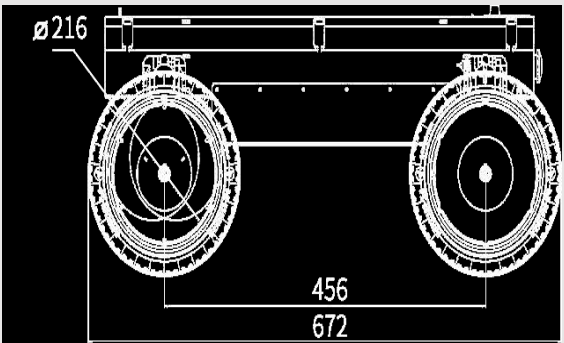
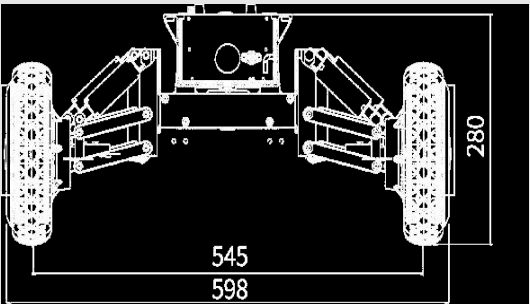
Ultrasonic



IR sensor



Other modules



All data are tested in standard working conditions

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