



# Some Examples of Customized Robots for a Variety of Applications

Your Trustworthy Robot Solution Partner



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**Let us customize our robot and cobot platforms to your needs**

**We Specialize in Integrated ODM Project Management**



**Contact us for your needs and let us propose you customized robot solutions. We can integrate and assemble the hardware, firmware and software components to construct a robot or cobot that will exactly fit your application. Here you will find only a selection of examples. Keep in mind our options are much more than these and we will be creative in designing and manufacturing your robots.**

- AUTOMATED ROBOT FORKLIFT**
- CUSTOM ROBOT ARMS**
- CUSTOM MANUPULATORS**
- SMART CONSUMER AND INDUSTRIAL SYSTEMS**
- CUSTOM AUTOMATED WELDING ROBOTS**
- .....and more.....**

**Indoor  
Robot  
Platform A011**

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# Unmanned Ground Vehicle A012 PLUS, 360-Degree Rotation

**Four Wheel Steering, Four Wheel Drive (4WD-4WS), individual steering 0°, four-wheel independent suspension, horizontal movement, payload 100kg robot platform A012.**

**It is designed to handle the most challenging terrain and is suitable for surveying, industrial production lines, logistics distribution, mobile transport, last-kilometer distribution, etc. Our UGV robotics experts help you customize loads and sensors. Once assembly and validation are complete, we configure the unmanned ground vehicle to meet your needs in our own facility. We will also share APIs with you for your secondary development needs.**



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# Omnidirectional Robot Platform with Payload 100kg

The A012 series 4 wheel omnidirectional chassis, 4x4 drive with independent suspension, rugged and compact body, and powerful ground-holding tires can handle complex roads such as steep slopes, loose soil, gravel roads, and thick soils with ease in harsh environments. The chassis is designed with customized interfaces for easy access to sensors, boxes, manipulators or other payloads for a variety of robotic applications in the fields of agriculture, security, and public health.



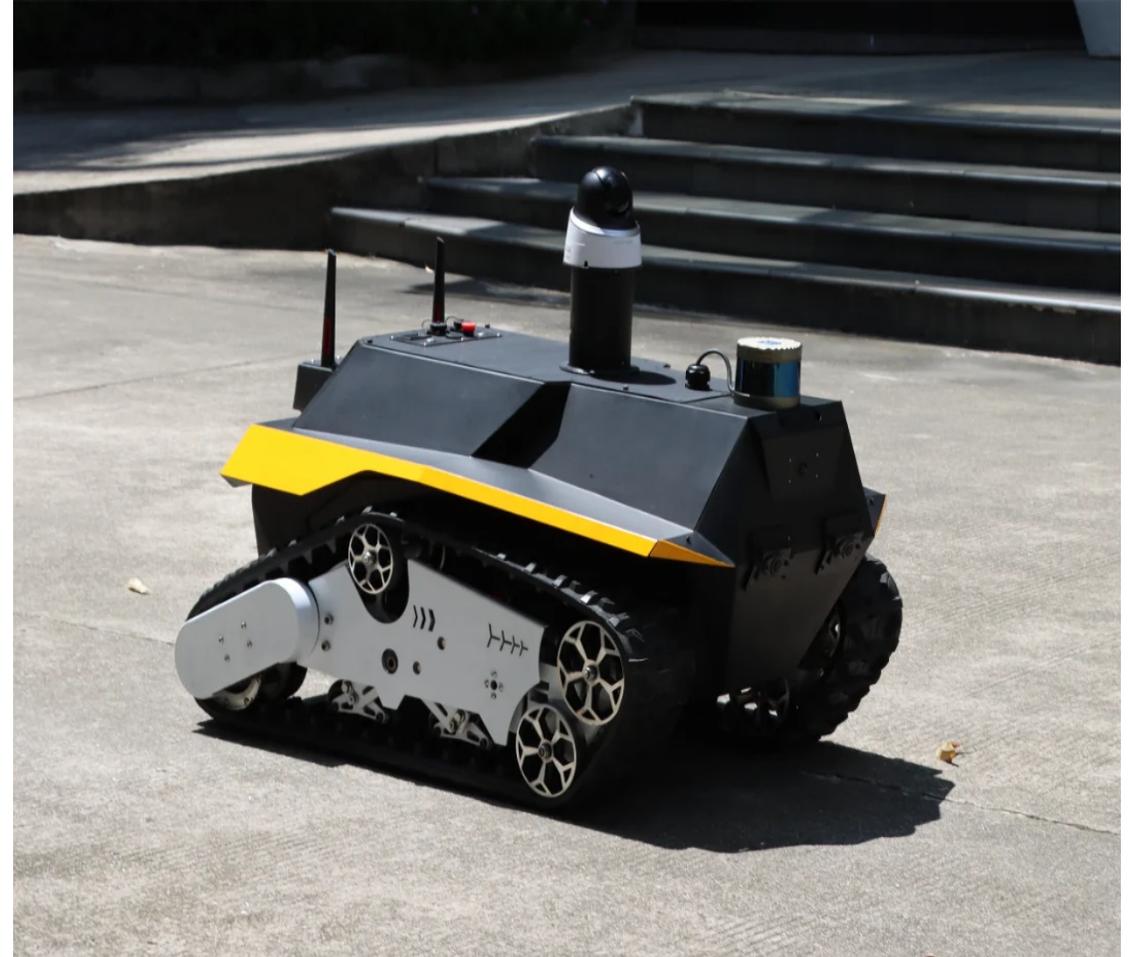
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# Custom Security Robot

Let us install on your robot the features you want  
Whether inspecting the property, predicting safety threats, and providing emergency alert functions many things are possible to achieve.

- Camera Systems
  - Autonomous Pathing and LIDAR
  - GPS
  - Access and Control
  - Object Recognition and Identification
  - Patrol Systems.....and more.
- 



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# Custom Power Supply Robot for Drones

Automatically charges drones without physical connection points, while wirelessly transferring flight data, images and video.

Works in environments where autonomous or semi-autonomous operations are a priority.



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# Custom Smart Shopping Cart

Smart shopping carts offer numerous advantages to both customers and retailers. They provide an improved shopping experience, personalized recommendations, time-saving, data collection and analysis, inventory management, and sustainability benefits.

**Automated Checkout:** Smart shopping carts are equipped with built-in barcode scanners and payment systems, allowing customers to scan items as they place them in the cart.

This eliminates the need for traditional checkout lines, reducing waiting times and streamlining the payment process.

So, whenever the shopper puts any product in trolley it is detected by the RFID module and is displayed on LCD along with the price of the product.



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# Custom Last Mile Delivery Robots

We can customize these to your application  
For example the container size, doors, shelves,  
carrying capacity, interaction with client.....etc.  
can be customized.

Instead of loading small orders into cars for last-mile deliveries, we can place them inside autonomous robots.

They don't contribute to emissions or road traffic.  
Some retailers and restaurants are now exploring the use of autonomous sidewalk robots, aerial drones, and even underground tunnels for last-mile delivery.

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*Thank  
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