



Your Trustworthy Robot Solution Partner



AGS-TECH Inc.

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Let us customize our robot and cobot platforms to your needs

We Specialize in Integrated ODM Project Management



Robotic Platform +

DIY on the chassis, client can add any function part above, and make different Service Robot

Obstacles Avoidance

With smart 3D sensors, Robot Chassis can be aware of obstacles at any angle, and keep moving

Self-charging

Returns to the docking station and charges automatically, when Robot Chassis is in a state of low power

AI Voice

Equipped with smart chip, Human-Robot Interaction can be wonderful

SLAM

Combining Lidar SLAM and Visual SLAM, Robot offers simultaneous localization and mapping

Route Planning

Supports fixed route setting and autonomous route setting

Antiskid

With the antiskid design at the bottom, Robot Chassis can move on slippery surfaces

Elevator Communication

The IoT module equipped robots communicate with elevators so robots can easily enter and exit

Robotic Platform A001 Application scenarios

Customizable Robotic Platform



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Robotic Platform A001



Obstacle Crossing	Crossing height \leq 1CM	
Wheel Design	Master wheel with motor control*2 + driven wheel*4	
Navigation and positioning accuracy	\pm 50mm	
Robot System	ROS	
Navigation obstacle avoidance	Autonomous navigation planning and obstacle avoidance, SLAM and multi-sensor fusion	
Sensors	Monocular camera	2
	RGBD camera	1
	Infrared night vision sensor	4*2
	LIDAR	1
	Ultrasonic Radar	3
	IMU	1

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*Thank
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