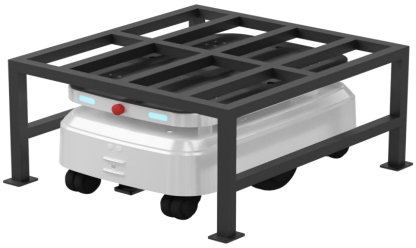
ATEAGO S8-150 Delivery Robot Chassis Dispatching AGV AMR With Auto-lifting		
Picture	 	
Basics	Height	310(mm)
	Size	740*500（mm）
	Weight	72kg
	Exterior material	ABS，Sheet Metal
Carrier	Shelf	Standard：660*700*325 （mm） or customize the shelf
	Rated load	150kg
	Lifting height	50mm
	Lifting speed	5mm/s
Use Environment	Water-proof & Dust-proof	Whole body IP43, battery IP66
	Operating temperature	-10℃~65℃；UV resistance; Corrosion resistant
	Storage temperature	-20℃~65℃
	Charging temperature	5~40℃（indoor）
Display&touch	Terminal control (cloud, PC, mobile, PAD) without screen	
Network Communication	4G	Support FDD B1/B3/B5/B8,TDD B38/39/30/41
	5G	Supported, need to add 5G accessories
	Data quota	2G/ month for each robot
	WIFI	Wifi module（AP6256）2.4G&5GHz，support 802.11a/b/g/n/ac protocal
	Bluetooth	Bluetooth 5.0，BLE
OS	Linux(Ubuntu)	
Sensors	LiDAR1	Detection zone：360°，Detection range：0.02～40m
	LiDAR2	Detection zone：140°，Detection range：0.02～12m
	RGB camera	215°FOV，resolution 1280*720
	IMU	6DOF；Rate dynamic range：±2000dps；Precision：0.01°
	Wheel speed indicator	odometer
Charging & Battery life	Battery	Charging voltage：24V Capacity：30000mAh Battery life ：10h Use charging pile to achieve 7*24h service The time it takes to fully charge：5.5h
	Adapter	Working voltage：100~240VAC、50/60Hz
	Charging pile	Dimension：375mm*160mm*355mm Weight：4.35kg Input：100-240V~50/60 Hz Output：29.4V==7.0A
Control	Chassis CPU	ARM® Quad-core Cortex-A72 1.5Ghz
	Chassis GPU	VideoCore VI
	Chassis memory	RAM：4GB binary channels LPDDR4；ROM：32GB High speed eMMC
	Picture processing	Support OpenGL ES 1.1/2.0/3.0,OpenCL1.2,Directx11 Embedded high performance 3D acceleration hardware H.264/H.265/VP9 up to4Kx2K@60fps H.264/H.265 The decoder supports 10bit decoding 1080P multi-format video decoding, support H.264, VP8 and MVC
Other firmware	indicator light	LED (Programmable, support segmented control)
	Emergency stop	2
	Loudspeaker	4Ω10W Supports TTS/ audio stream output
Movement	Velocity	1.2m/s Adjustable
	Whether support outdoor operation	It can be used in qualified parks/industry zones
	Obstacle climbing	20mm
	Slope climbing	8°
	Floor gap width	35mm
	Passage width	The narrowest width of the robot path needs to be not less than 70cm
	Elevator width	70cm+
	Gate width	70cm+
	Positioning Accuracy	±5(mm)/±1(°)
Software	APP	APP remote management. Use the app program to send robot task, visualize task statistics functions.
	Robot management platform	Authorization allocation and business management of robot users; Operational data analysis
	Remote monitoring platform	Real-time status monitoring; Real-time fault alarm and remote processing
	Remote deployment management platform	The robot can be deployed via remote mapping. Operators can scan and edit the map remotely.
	Remote scheduling management platform	Remote cross-space scheduling
	Real-time data visualization	Display real-time status and operational statistical analysis of robots in different businesses.