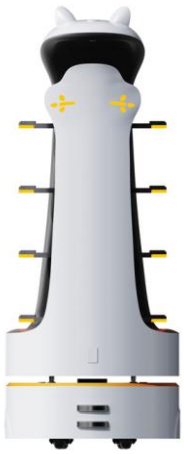
Algo Delivery Robot Specifications

Name	Algo Delivery Robot		
Pictures			
Basic Parameters	L*W*H(mm)	535 * 535 * 1380mm	
	Net weight (mm)	60kg	
	Max load (kg)	60 kg	
	Material	A BS+ hardware	
	Control	Anseboo Robot Control APP Anseboo Calling APP	
	Navigation	LDS SLAM+VSLAM	
Sensor Parameters	Lidar	Scan Radius	2 0M (Tof radar)
	Depth Camera	Quantity	2 sets of depth
		Detection distance	0.3-3.5m _
		Field of view	H:75±3° V:51±3° (FOV)

	Anti-drop Sensor	Quantity	2
		Max detection distance	3.5cm
	Collision Sensor	Quantity	2
		Trigger method	physical collision
Mapping Performance	Map Resolution	5cm	
	Max Construction Area	200m*200m	
Motion Parameters	Max Driving Speed	1.0m /s (1.2 m/s customized)	
	Max Slope	5°	
	Obstacle Clearance	10mm	
	Ridge Width	40 mm	
	Min Through Width	70cm	
Motor Wheel	Wheel	2 drive wheels (6.5 inch hub motor) differential steering + 4 swivel wheels (support wheels)	
Battery	Type and Capacity	24V /25AH (LiFePO4 battery)	
	No-load running	15-20h	

	Charging time	4 h
	Battery Life	2000-3000 times
Noise	Working noise	⩽45db
Working Environment	Operating temperature	0° - 40 °
	Working humidity	30～70%rh (no condensation)
Input and output power	Enter	100-240V 50/60Hz 3A MAX
	Output	DC 25.6V 6A