

Size	Base size (mm)	560*560
Weight	Including battery	50KG
	Battery	Lithium iron phosphate battery
Power source	Battery capacity	24V/40Ah
	Charging time	≤2H
	Service life	80% remaining after 300 cycles
	Maximum charging voltage	29.4V
	Endurance (idle)	3H
Driving wheel	Size (diameter * width mm)	120*40
	Material	Styrene butadiene rubber
	Power	200W
	Maximum speed	200r/min
Performance	Maximum torque	4.7NM
	Maximum load	50KG
	Maximum operating speed	1.5M/s
	Navigation accuracy	±30mm
	Direction	360° rotation
Safety protection	Emergency stop button	Emergency stop
	Ultrasonic	6 in total, on the front and back of the enclosure
	Indicator lamp	Operation mode indication
	Voice broadcast	Vehicle status broadcast
	Body sensing	Thermal infrared body sensor (optional)
	Remote start / stop	Provided with a remote control module for remote start / stop

Navigation	Navigation mode	SLAM navigation
	Routing	Automatic / manual
	Navigation sensor	TOF LIDAR (20m)
Communication	Wireless network	2.4G/5G WiFi
	Debugging port	Ethernet RJ45
	USB	USB2.0
Environment	Ambient temperature	0℃~45℃
	Ambient humidity	Relative humidity 5~95% (non-condensing)
	Operating environment	Indoor only (free from dust and corrosive gases)
	Protection class	IP20
	Ground anti-skid factor	≥0.5
Ground conditions	Ground requirements	Flat concrete ground (free from water, oil and dust)
	Vertical obstacle crossing capacity	10mm
	Trench crossing capacity	20mm
	Maximum climbing angle	5°

## Operation scenarios



Shopping mall



Business hall



Airport



Hotel



Company hall



Hospital



High-speed rail station



Restaurant

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