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KS300

AUTONOMOUS DRIVING

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■ Product adcantages

Safe
Dual protection of hardware and software.Vehicles are safe and people are safer.

- Leading fusion positioning and perception technology and 360 degree coverage without blind spots ensure safe driving of devices in multiple scenarios.

- A variety of safety guarantees, like electromagnetic brake, safe parking, anti-collision, anti-fall and anti-skidding, make the operation safer.

- Multi-mode intelligent obstacle avoidance, flexible narrow lane traffic, narrow lane U-turn and intelligent path planning deal with various complex scenarios easily.

- Fully self-developed vehicle-grade embedded computing platform, hardware and algorithm double guarantee, independent and controllable, technology leading

Efficient
Clean efficiently to reduce costs and increase efficiency.

- One machine has multiple functions,including floor sweeping, vacuuming.It can adapt to multiple scenes and a variety of floors without worry.

- Support a variety of task modes, support a variety of obstacle avoidance and path planning algorithms, and adapt to various complex site needs.

- Improve the battery life of a single operation.

Have long water and electricity endurance. Clean large scenes more efficiently.

- Three major cleaning modes are guaranteed, eliminating omissions and leaving no dead ends, so the overall cleaning effect is guaranteed.

- High-definition fast mapping, supporting map update, map expansion and map editing lead to strong adaptability to different scenes.

Convenient
Rapid deployment, convenient interaction, intimate and perfect operation and after-sales system.

- Minimalist interactive design, simple operation interface, mobile phone service reminder and cloud platform business statistics make application easy.

- Multiple task modes support multiple management modes such as combined tasks, scheduled tasks and remote tasks, making daily operations easy and convenient.

- The cloud-based periodic cleaning report provides data dashboards such as cleaning

efficiency, cleaning area and task progress, making management more worry-free.

- One-to-one manager, 7X24 hours intimate service and 30 minutes quick response make deployment, application and after-sales process worry-free.

- Remote fault handling, silent OTA upgrade and 2-hour emergency rescue for computer crash make service process uninterrupted.

■ Product features

Simple operation
Break point resuming, automatic recall under low-battery conditions, automatic parking.

Professional cleaning
Break point resuming, automatic recall Rolling brush sweeping, large air volume vacuuming, side brush spray dust suppressing.

Efficient cleaning
Combination of main brush and side brush, cleaning rate>98%.

Edge cleaning
Active roadside identification can truly achieve zero-distance edge cleaning.

Hassle-free
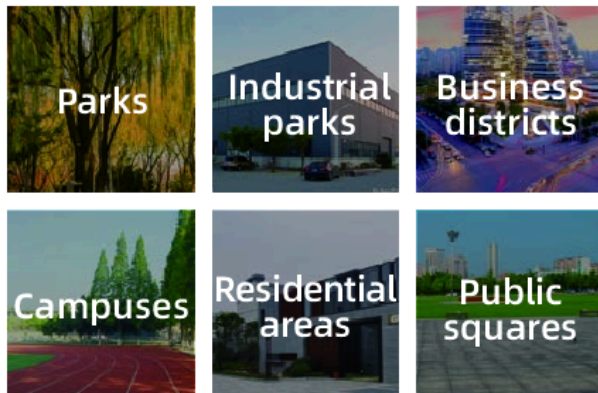Scheduled task, automatic wake up, scheduled operations.

Easy to manage
Automatically upload operation reports. Data reports are available at your fingertips.
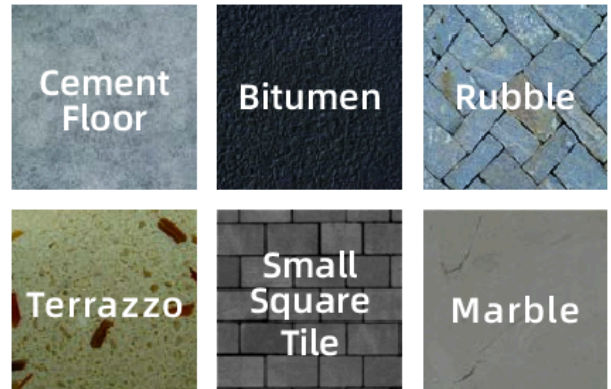
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Sweeping | First choice for large outdoor areas

■ Applicable scenarios

- Parks
- Industrial parks
- Business districts
- Campuses
- Residential areas
- Public squares

■ Applicable floor types

- Cement Floor
- Bitumen
- Rubble
- Terrazzo
- Small Square Tile
- Marble

■ Product parameters

Dimension: 1706(L)x927(W)x1199(H)mm	Net weight: 395kg
Sweeping width: 100cm	Max cleaning efficiency: 3000m²/h
Battery: 24V/200Ah	Range: 30~40km (with operating conditions considered)
Runtime per charge: 6h (with operating conditions considered)	Charging time: 4~5h
Trash can capacity: 60L	Water tank capacity: 60L
Turning Radius: 150cm	Max travel speed: 5km/h
Max slope: ≤10°	Applicable environment (outdoor): -15℃~40℃

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