



Products : **365KBot-S100**



Flexible and Agile

The entire system is designed with modularity in mind, **offering flexibility** and **adaptability to meet specific on-site requirements**. It can be customized to cater to diverse needs in various scenarios.

Smooth and Safe

Equipped with LiDAR sensors, stereo vision sensors and image modules for precise positioning and obstacle recognition (multi-modal SLAM). This **ensures safety, even in low-clearance and suspended obstacle situations**, providing the ultimate security in human-robot shared environments.





Long Battery Life

Capable of meeting 24/7 uninterrupted delivery demands with a **quick 15-second battery replacement**. It also supports both **automatic and manual charging**, meeting the needs of various working conditions.

Steady Delivery

With exceptional stability in motion, it adapts seamlessly to complex ground environments. The **innovative PID control algorithm maintains stability during acceleration, braking and turning**, ensuring a smooth and secure item delivery.





Specifications : 365KBot-S100



Specifications	
Product Size	925 mm x 620 mm x 1282 mm
Standard Shelf Size	865 mm x 600 mm x 800 mm
Weight	87.5 Kg
Total Load	100 kg
Screen Size	10.1inch
Screen Resolution	1920px x 1080px
Speed (Unloaded)	0 ~ 1 m/s
Speed (Full Load)	0 ~ 0.8 m/s
Minimum Passage Width	900mm (without rotation)
Rotation Capability	360° rotation in place
Gap Crossing Ability	≤30mm
Obstacle Crossing Ability	≤10mm
Ground Clearance	≤25mm
Maximum Slope Angle	≤2.8°
Battery	Ternary Lithium Battery
Battery Life	Up to 8 Hours (according to working conditions)
Charging Mode	Auto Charging with charging pile, Manual Charging by Charger & Battery Swap
Charging Time	5 Hours (with charger or charging pile, and robot powered on)
Network Supports	Wi-Fi/4G
Positioning Method	Laser Positioning (for the start point if charging pile is not used)
Navigation Sensor	Lidar, Image Module, Stereo Vision, Collision Sensor, IMU
Emergency Stop Button	Front, Side, Rear



Thank You!

Please contact us for more information.

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