



Products : **365 ProBot**



Features of **365ProBot**



Immersive Human-Robot Interaction

- ❑ **See clearly** - With a 14.1-inch ultra-large 1920 x 1080px full HD display.
- ❑ **See widely** - 92% improvement in viewable area.
- ❑ **See newly** - Redesigned high-tech UI.



Self-Developed Mic Array

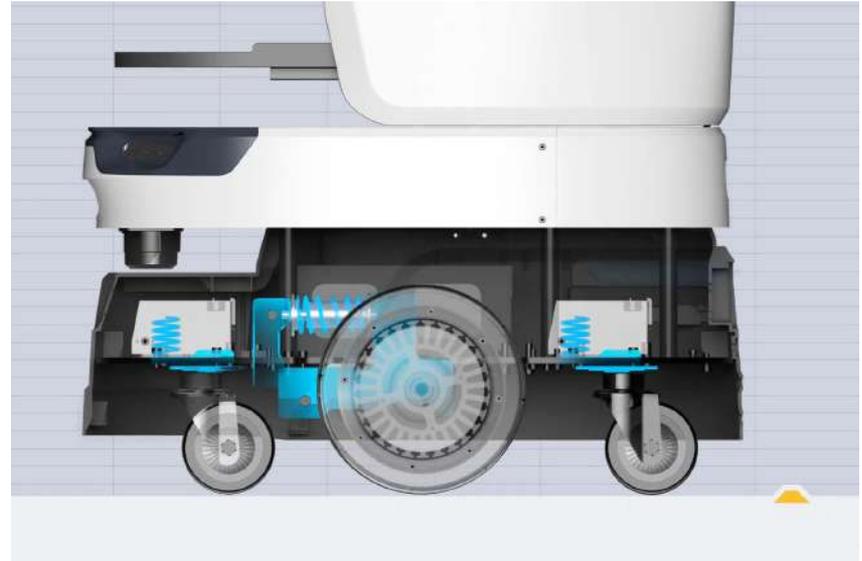
Fluent Conversation in Noisy Environment

The self-developed microphone array (6MIC) is integrated in the middle area of the top of the head, which can achieve more than 97% speech recognition accuracy in a noisy environment of 75db.

Features of **365Probot**

Solid and Stable Chassis

High passability due to the quasi-circular chassis design. It fits various complicated ground environments, since adopting the Torsion Bar Suspension for the first time.



Features of 365ProBot



See Clearly, Walk Steadily

- ❑ Built-in **240° Lidar + 3D omnidirectional obstacle avoidance sensor** achieves safer operation.
- ❑ Built-in **RGBD x 3 depth camera**, tiny obstacles can be rapidly and precisely detected.
- ❑ **Dual SLAM solution** can recognize location markers and will not get lost in the premises. It is able to auto correct the walking route to avoid error of the navigation.

Features of **365ProBot**

Large Battery Capacity, Automatic Docking & Fast Charging

- ❑ The **working time is up to 16 hours** on a single charge.
- ❑ Get back to work quickly : within **4 hours** the robot is **fully charged**.
- ❑ Charging is supported through both cable charging and **automatic charging dock**.



Build with **High Quality Parts**



Voice
Interaction Ability



Cloud Services and
Data Storage



Obstacle Avoidance
Sensors



Strong Computing
Performance

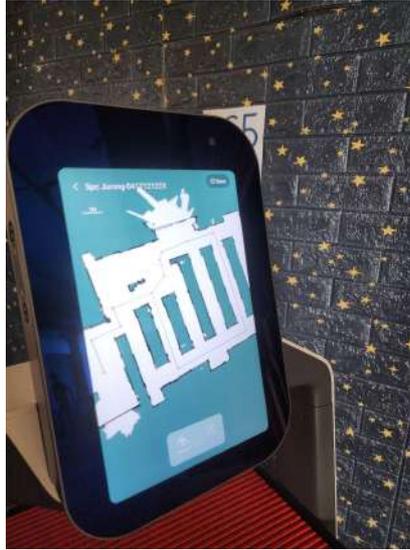
Super Computing Power

Qualcomm 10 nm 8-core CPU, super computing power ensures the robot can accurately detect and stop when encountering obstacles with a response time as short as 0.5 seconds

Strong Software Development Capability

Independent development capability of software and hardware for the whole robot chain. More than 600 versions of software had been developed.

Features of **365Robot**



User-Friendly Interface for Easy Setup

It features a user-friendly interface with an easy-to-use mapping tool and configuration options. All mapping and settings can be completed directly on the robot's screen with ease.

Ease of Integration

Streamline operations effortlessly with the robot's open API, simplifying workflow and boosting productivity by seamlessly integrating with other systems. Achieve optimal efficiency with minimal effort, making every delivery a seamless experience.



Specifications : **365ProBot**



Specifications	
Product Size	558mm x 525mm x 1375mm
Weight	59kg
Screen Size	14-Inch, 1080 FHD
Total Load	Up to 60kg
Gradeability	5°
Speed	0.5 ~ 1.2 m/s (adjustable)
Hardware Platform	Qualcomm 8-Core Chip, Industrial Grade MCUs
Operating System	Deep Customised RobotOS based on Android 9.0
Navigation System	Lidar x 1, 3D Depth Camera x 3, Mono Camera x 2, Top IR Camera x 1, Odometer, IMU x 3
Microphone Array	6 Mic Arrays, 360° Sound Source Positioning, 5m Sound Range
Battery Life	14 - 16 Hours (according to working conditions)
Charging Mode	Charging via Cable / Automatic Charging Dock
Charging Time	4 Hours (Cable Charging) / 4.5 Hours (Charging Dock)
Network Supports	4G (Support TDD-LTE, FDD-LTE), WIFI (Support 2.4G/5G)
Optional Addon	Trays / Automatic Doors / 24-inch Touch Screen

Possibilities of **365Probot**





Thank You!

Please contact us for more information.

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