



Products : **365 NovaBot**



14-Inch HD Large Screen High-End Visual Experience

365NovaBot's impressive 14-inch screen is better equipped to display more information at a single time. Ultra-high-definition resolution makes the picture on the screen clearer and more attractive.

6-Mic Circular Array

Fluent Conversation in Noisy Environment



The 6-MIC microphone array has **over 97%
speech recognition accuracy** in noisy
environments of 75dB.

HD Wide-Angle Dual Cameras

Clearer, Wider Field of View Without Blind Spots

With 13 million pixels, it can **boast the industry's clearest vision** and also can **locate people** and **interact face-to-face** with flexible head rotation.

Light input exceeds that of a normal camera by 400%



Qualcomm Snapdragon Octa-Core CPU

Excellent Performance | Exciting Experience



The world's first robot was developed on the Qualcomm platform. Qualcomm Snapdragon 845 is **one of the most powerful SOC chips in Android** and has industry-leading outstanding performance.

Rich Hardware Interfaces

Enhanced Hardware Connectivity

- **Capable of accommodating more devices:** Suitable for diverse scenarios.
- **Rich interfaces:** Reserved data, network, and power interfaces to meet personalized needs.
- **Internal wiring for peripherals:** All interfaces are located inside the device body, making it convenient and aesthetically pleasing.





Self-charging, Cycle Service

Low Battery Recharge

- When power drops below 10%, 365NovaBot **automatically returns to the charger.**
- Fast charging **less than 4.5 hours.**
- Non-stop work, **7x24 hours.**

Advanced Chassis

Perfect for Various Spaces

Based on OrionStar's strong chassis R&D capabilities and more than 30,000 application cases, we have souped 365NovaBot up with an even more powerful, exclusive mobile chassis and a **combination of LiDAR and depth camera for accurate route navigation** and **smart close-following capabilities.**



Marker Free V-SLAM2.0 Technology

Perfect for Various Scenarios



By harnessing Qualcomm's GPU/DSP chips and cutting-edge deep learning, 365NovaBot ensures real-time positioning even amid changing angles and lighting conditions. Say goodbye to localization errors and hello to stable and efficient robot operations. Greater adaptability to diverse scenarios

Cutting-Edge and Proven Navigation Technology

With High-End Hardware Components and Advanced Software, Over 30,000 Robot Units Have Been Successfully Deployed and Are Thriving in High-Traffic Human Environments, such as Restaurants and Hawker Centers.

- Suspended radar opening design
- Radar scanning effective angle : Front 240° and Rear 40°
- The minimum passage diameter of the chassis is 55cm

Google

Voice
Interaction Ability

aws

Cloud Services and
Data Storage

intel

Obstacle Avoidance
Sensors

Qualcomm

Strong Computing
Performance



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 : **365NovaBot**



Specifications	
Product Size	558mm × 525mm × 1350mm
Weight	56kg
Screen Size	14 inches
Screen Resolution	1920px*1080px
Speed	0.5 ~ 1.2 m/s (adjustable)
Head Camera	13M High-definition Camera
Microphone Array	6 Mic Arrays, 360° Sound Source Positioning
Hardware Platform	Qualcomm 8-core chip + Industrial-grade MCU
Navigation Sensor	LiDAR x 1 + Depth Vision Camera x 3 + Fisheye Camera x 2 + Infrared Camera x 2 + Odometer + IMU x 1
Network	Wi-Fi: 2.4G/5G, 4G
Operation System	Based on Android 9
Battery	Lithium Battery, Capacity: 10.4Ah, Voltage 25.2V
Battery Life	12 - 14 hours (typical cruising scenario)
Charging Mode	Supports two modes: Automatic Charging Dock, Cable
Charging Time	4.5 Hours (charge when turned off)
Supports Secondary Interface	USB 2.0 A port x 2, Type-C port x 1, LAN 100Mbps Ethernet port x 1, DC power port 12V 3A



Thank You!

Please contact us for more information.

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