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GREETINGBOT NOVA

AI Service Robot

Greetings, Guidance, Greatness

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Meet OrionStar GreetingBot Nova here



The advertisement features the OrionStar logo at the top left. Below it, the text "GREETINGBOT NOVA" is displayed in large blue letters, with "NOVA" in a teal box. Underneath, the words "AI SERVICE ROBOT" are written in black. At the bottom, three teal buttons contain the words "Greetings", "Guidance", and "Greatness". To the right of the text, two silver GreetingBot Nova robots are shown standing side-by-side against a light gray background.

ORIONSTAR

GREETINGBOT NOVA

AI SERVICE ROBOT

Greetings Guidance Greatness

ORIONSTAR

GreetingBot Nova OVERVIEW

GreetingBot Nova is capable of performing various functions such as welcoming and attracting customers, acting as a robotic guide, answering intelligent questions, dynamic marketing and promotion. With its self-developed Robot OS system, it can be easily customized to meet the specific needs of different scenarios and seamlessly integrated with customer systems. This versatile robot has been successfully applied more than 20 industries by helping customers reduce costs and enhance efficiency, which provides an upgraded smart experience.

New

Interaction
Experience

Unique

Dynamic
Promotion

Easily

Extra
Development

Rich

Hardware
interfaces





GreetingBot Nova Hardware Features



14-Inch HD Large Screen High-end Visual Experience

GreetingBot Nova'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**.

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.

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%, and its night vision capabilities are even more impressive.





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%,
GreetingBot Nova **automatically**
returns to the charger.

Fast charging **less than 4.5 hours.**
Non-stop work, **7*24 hours.**



Advanced GreetingBot Nova Chassis

Perfect for Various Spaces

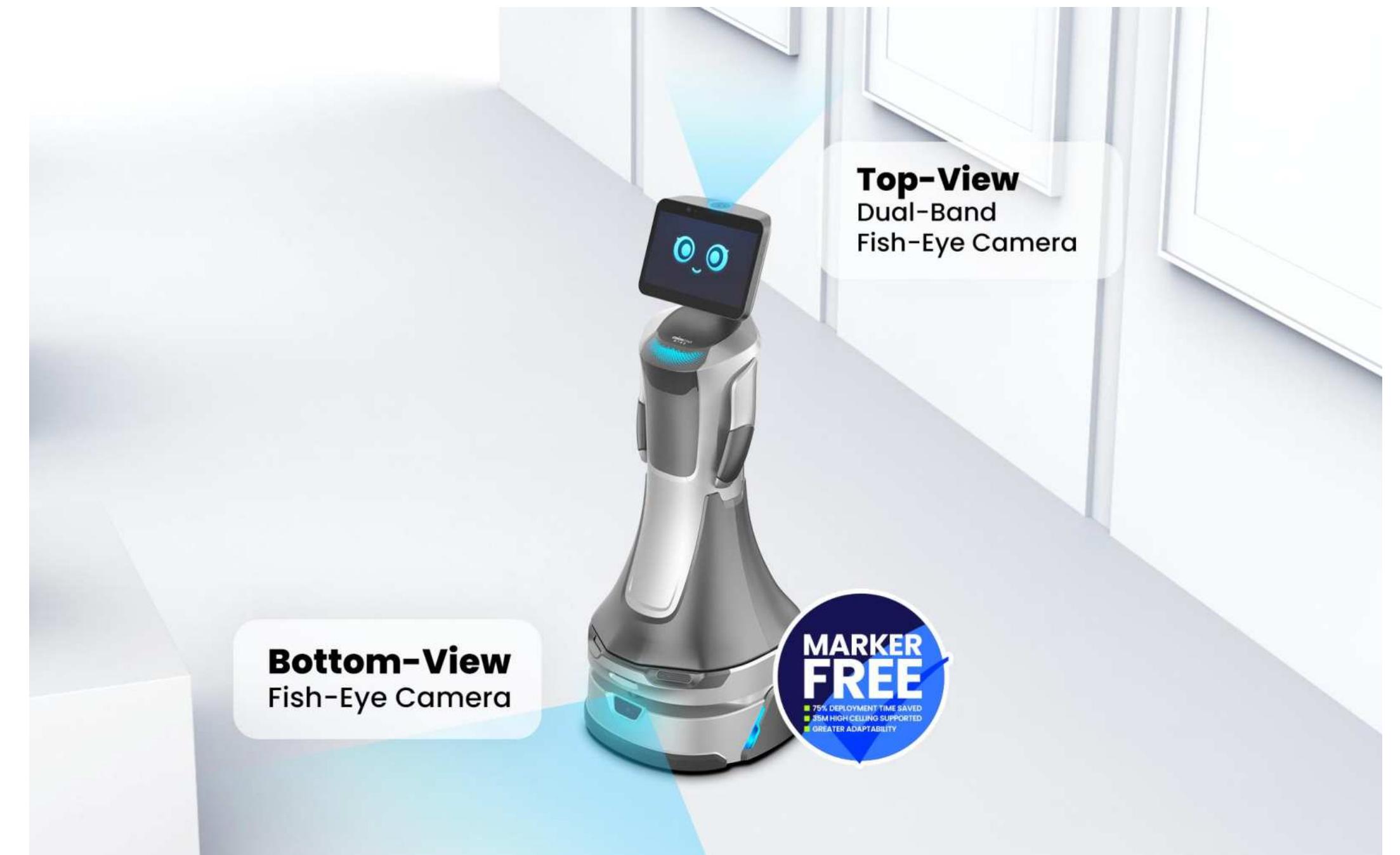
Based on OrionStar's strong chassis R&D capabilities and more than 30,000 application cases, we have souped GreetingBot Nova up with an even more powerful, exclusive mobile chassis and a **combination of LiDAR and depth camera for accurate route navigation and smart close-following capabilities.**



Marker Free V-SLAM2.0 Technology

Perfect for Various Scenarios

By harnessing Qualcomm's GPU/DSP chips and cutting-edge deep learning, GreetingBot Nova 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





GreetingBot Nova Software Features

GreetingBot Nova Multiple Functions



Reception Service

Reception of Visitors,
Proactively Greeting

Tour Guide

Intelligent Guiding,
Obstacle Avoidance

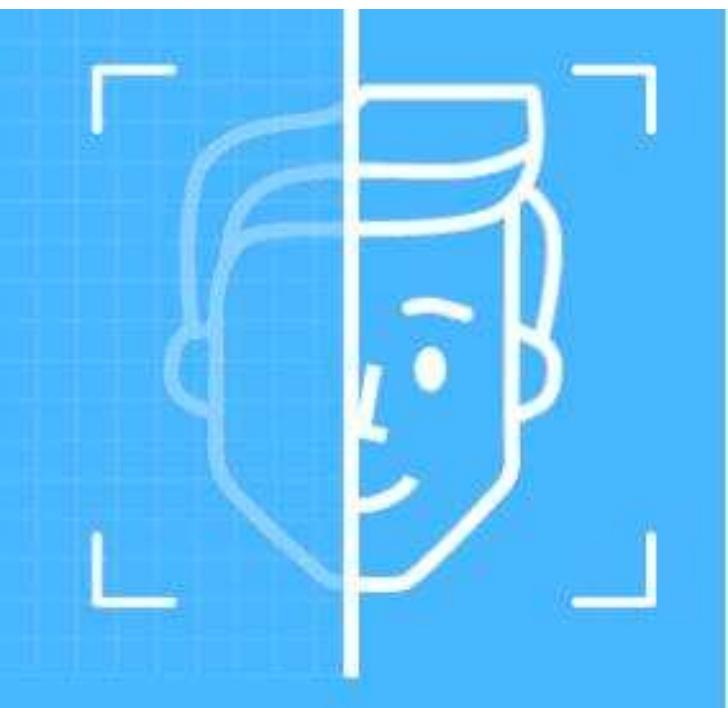
Dynamic Promotion

Dynamic Broadcasting,
Attract Customers

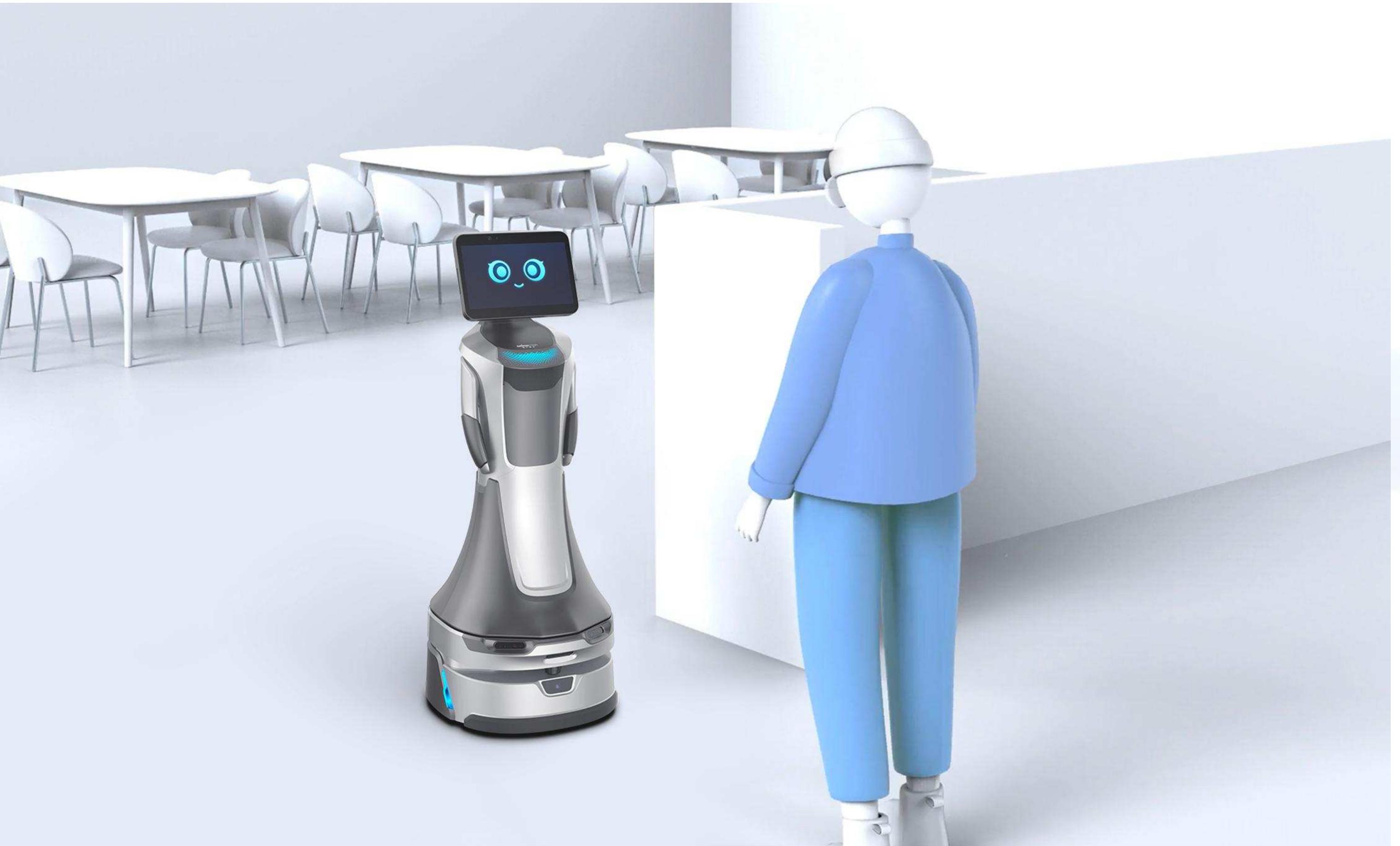
Intelligent Q&A

Personalized Scenario
Chatbot Service

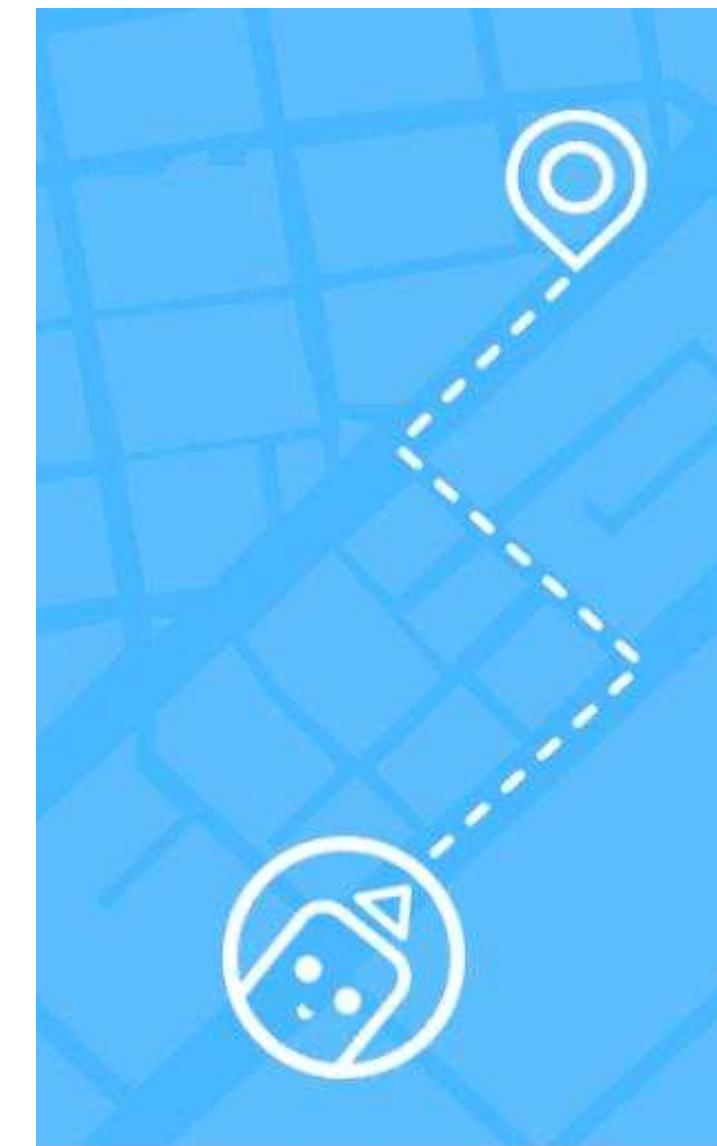
Reception Service



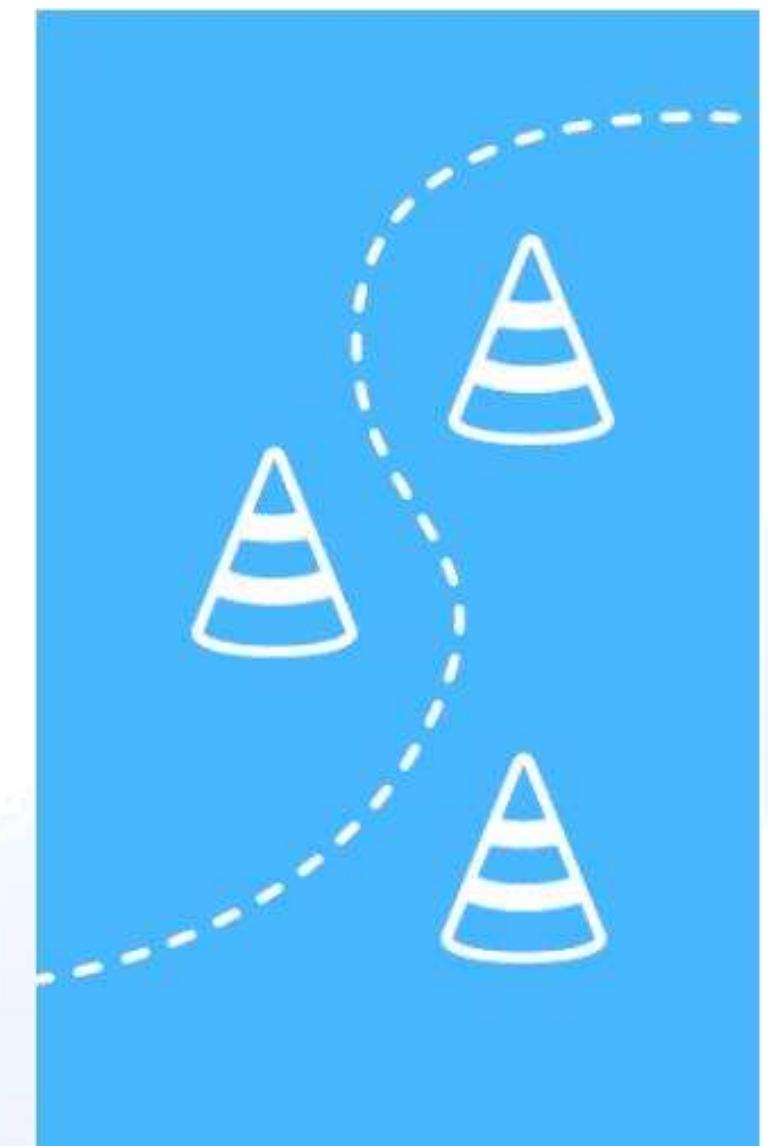
- The robot can **detect and greeting customers actively.**
- The **self-navigation guides** customers to their target locations.



Tour Guide



**Intelligent
Guiding**



**Obstacle
Avoidance**

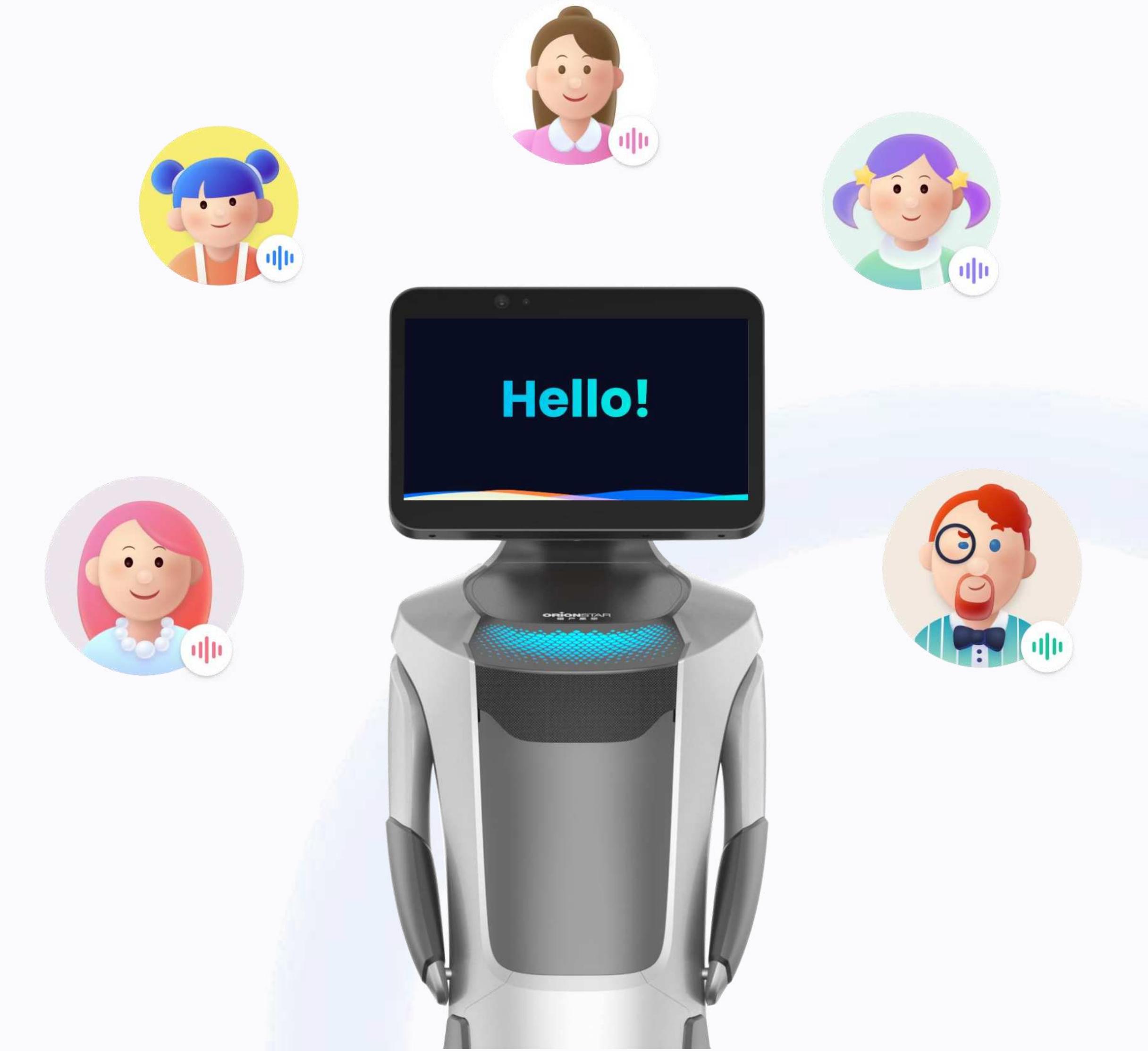
Dynamic Promotion

- The robot can **detect and welcome customers actively**, to avoid missing any customers.
- It can perform various tasks such as **sales of gift cards, dish introduction, and coupon distribution**.
- The robot can **recommend specialties proactively** while customers wait.



Intelligent Q&A

- Supported **over 31 languages** to meet various needs.
- Powerful AI voice capability with **5 meters effective, accurate pickup, clear and sweet tone.**
- The innovative ChatMAX Platform combines ChatGPT with scenario-based data and provides **the most intelligent personalized scenario Chatbot service.**



Industry-leading Extra Development



- **OPEN**

**50 server-side API interfaces,
23 client-side API interfaces**
were opened.



- **EASY**

Based on RobotOS, Android
SDK made it **as easy as**
mobile APP development.



- **FAST**

Exclusive plug-in based extra
development technology,
development cost is 1/10 of
the industry standard.

GreetingBot Nova Key Specifications

Size	558mm×525mm×1350mm
Net Weight	56kg
Screen Size	14-inch
Screen Resolution	1920*1080
Microphone	6-Mic Array
Network	Wi-Fi: 2.4 G/ 5 G, 4 G
Operation System	Android 9
Battery Life	12 H (typical cruising scene)
Charging Pole Size	350mm×142mm×342mm
Package Dimensions	710mm×685mm×1537mm
IP Rating	IP23

