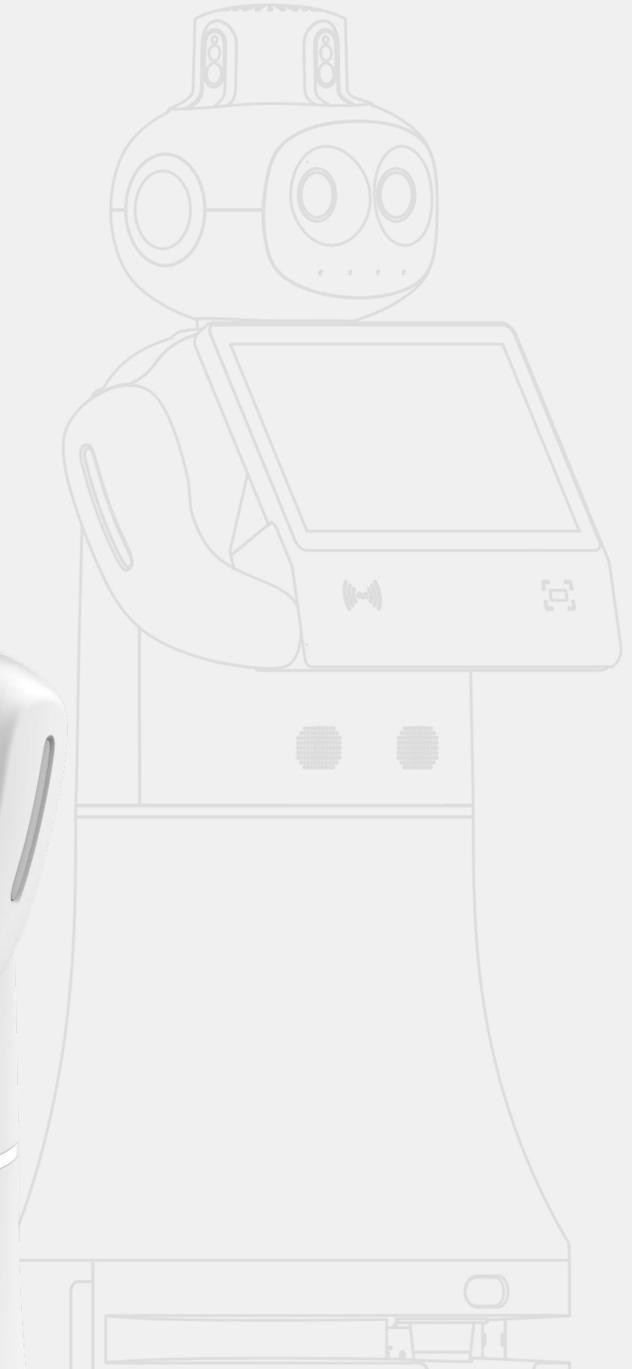# Mobile Reception Robot

—Huanhuan

Mobile Reception Robot

- **Reception consultation**
- **Security patrols**
- **Guided introduction**

The mobile reception robot is a service robot that provides welcome reception and security patrol functions. It can be used in the service industry in life, including office buildings, hotels, supermarkets, service halls, exhibition halls and other places. It has the capabilities of active welcome, security patrol, video surveillance, leading reception, guidance introduction, product explanation, consulting services, etc., and supports application customization.
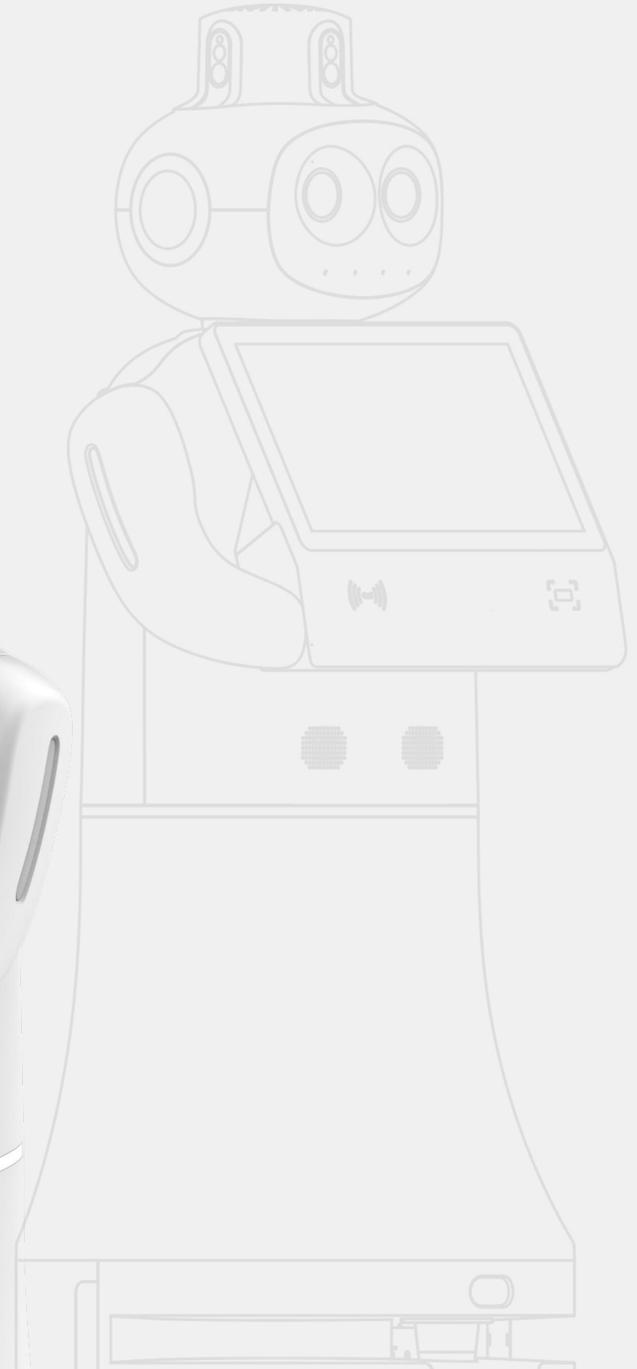
Product introduction

Proactive reception
Provide active welcome, intelligent reception service. Combined with face recognition, face tracking and intelligent voice and other technologies to achieve the welcome function, actively provide reception services for people entering and leaving.

Security patrols
Provide patrol inspection and abnormal alarm services. Through custom patrol routes, abnormal alarms, video surveillance, cloud synchronization and other functions, security patrols are realized to ensure the internal security of the venue.

Guided introduction
Provide intelligent guidance and introduction services. The robot walks according to the set route. Stop at each point and make an introduction.

Product features

Proactive reception

When the robot senses someone, it takes the initiative to approach the customer and attract the customer's attention. When the customer approaches the robot, the robot takes the initiative to greet the customer.

Reception consultation

When the robot takes the initiative to greet the customer, the robot greets the customer according to the background configuration, and the voice guides the questions that the customer may ask. After the customer inquires about the problem, the robot displays the result of the problem through voice, text, pictures or videos.

Lead the way

Robots can lead customers to their destinations. When leading the way, the robot can automatically avoid obstacles and alert customers by voice. After guiding the customer to their destination, the robot automatically returns to the reception point.

Product features – Proactive reception

In the hospital

User A comes to the hospital and needs to go to the internal medicine, but does not know where the internal medicine is. When User A approaches the robot, the robot begins to actively provide reception services for User A.

Hello, I'm Huanhuan~ I can help you check the department information, you can say to me: Where is the surgery?

I want to go to internal medicine, where is internal medicine?

The Department of Internal Medicine is located in Room 205, 2nd Floor, Emergency Building. You can say "take me" to me and I will take you there.

Take me over.

(Leading the way...) (When a person or item is detected, it will automatically go around...)

Okay, I'm going to take you to internal medicine soon. If you don't want to go, you can tap my screen or say "quit" to me.

Hello, we have arrived, and my left-hand side is Internal Medicine. Do you need any more help?

No, thanks.

(After the waiting time is over, automatically go back to the reception point...)

Product features – Security patrols

Preset patrol missions

The platform presets the time, route and task point of the patrol task, and the robot will synchronize this patrol task in time.

Timed tasks

When the time set by the patrol task is reached, the robot automatically starts to perform the patrol task without customer operation. During patrol missions, the robot will upload patrol reports regularly.

Abnormal alarm

During the patrol mission, when suspicious personnel, abnormal situations or robot abnormalities are found, the robot will notify the on-duty personnel and the intelligent central control platform in time so that the manual can deal with it in time.

Video surveillance

The robot has a video surveillance function, and the personnel on duty can view the real-time situation of the environment through the management platform.

Product features - Security patrols

In the office building

(The building needs robots to assist the staff in completing the daily patrols, and Huan Huan came to help...)

Step 1

The administrator set up the robot to start patrolling every night at 21:00.

Step 2

Every night at 21:00, the robot automatically starts patrol missions.
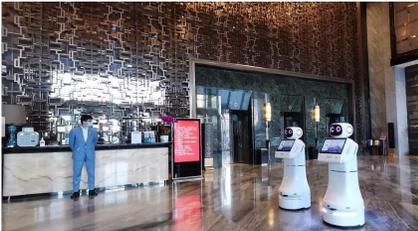
Step 3

When the robot patrols, when suspicious people are found, it promptly notifies the personnel on duty and the management platform.

Step 4

During the patrol process, the robot will automatically return to the charging pile to charge when the battery is low, and continue to perform patrol tasks after it is fully charged.

Step 5

The robot will automatically return to the designated location after performing the daily patrol task.

Product features - Guided introduction

Multi-form content explanation

The robot can explain in a variety of formats, including text, voice and video, allowing users to understand the content in more detail.

Guided introduction

The robot can lead the user to visit the entire place, both at the explanation point for the user, or while walking, if the explanation point shows more content, the robot can also according to the setting, wait in place, and then start.

Automatic return

After completing all the explanations, if the user has no other needs, the robot will automatically return to its post.

Product features - Guided introduction

🤖 Coming soon to take you to visit the XX Museum. If you don't need my explanation, click on my screen or say "Quit" to me. Over here, please...

OK.
Thank you. 👩

(Take the initiative forward...)

🤖 In front of you is a dinosaur fossil. More than 100 million years ago, there were many dinosaurs on Earth, and there were many types, such as triceratops, tyrannosaurus rex, spinosaurus and velociraptors. There are three epochs in the Age of Dinosaurs, namely the Triassic, Jurassic and Cretaceous. Some dinosaurs ate plants, such as Plateosaurus, Spinosaurus, Megaspinosaurus and so on. There are also those that specialize in meat-eating ...

In the museum

(The robot is waiting...)

🤖 We are about to move on to the next stop to introduce the "amber insect".

(The robot leads and explains...)

User B comes to the museum, the robot waits at the door of the museum, when User B approaches the robot, the robot begins to take the initiative to greet and take the initiative to provide reception services for User B.

🤖 This presentation is over, happy to serve you, do you need any other help?

(The robot waits for a while, and when no one needs help, it automatically returns to the door of the museum)

Product features

Proactive reception

Reception consultation

Lead the way

Voice conversations

Feature customization

Face recognition

Video surveillance

Exception warning

Obstacle avoidance

Take the ladder

Automatic recharge

Custom routes

Cloud storage

Application scenarios

Office building

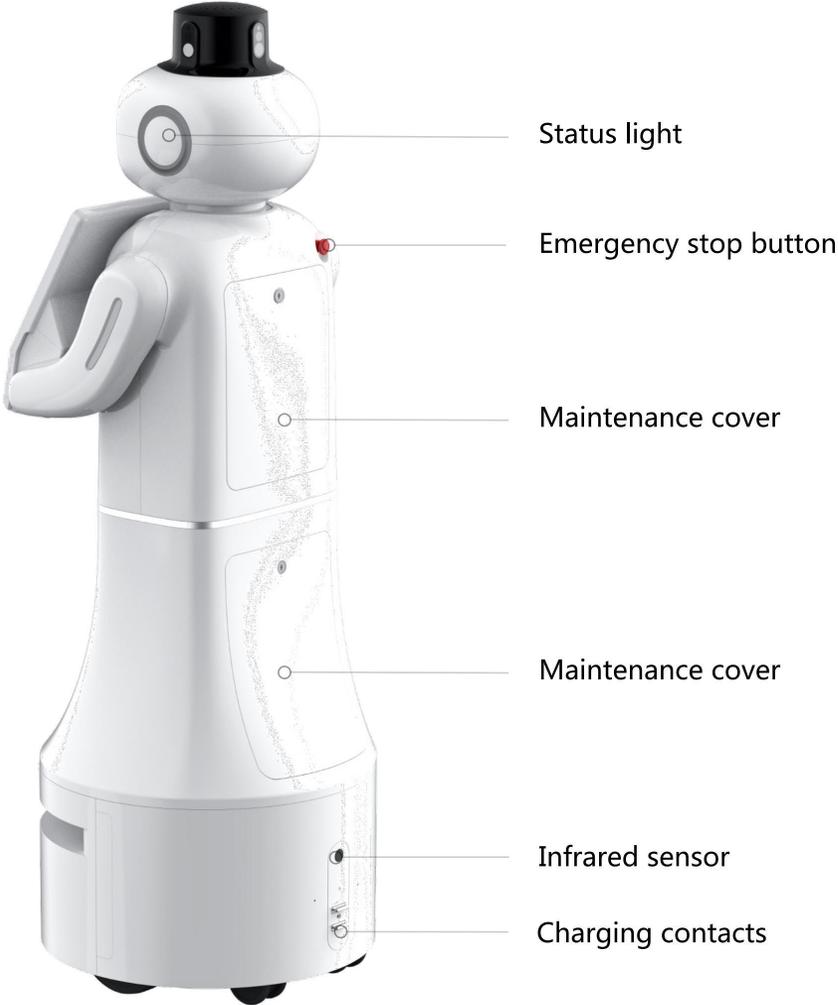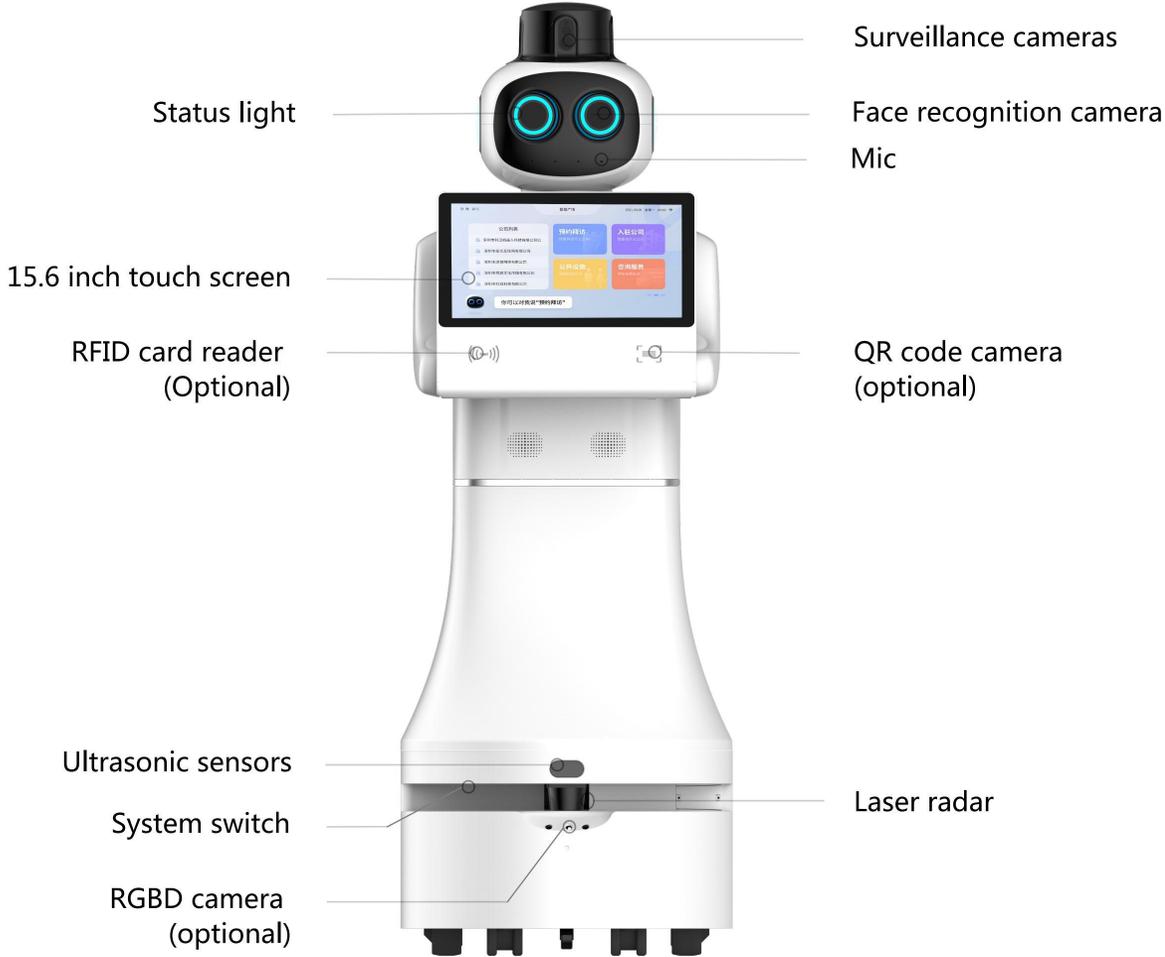**Service lobby**

Hotel

Hospital

Exhibition hall

Supermall

Product appearance

Surveillance cameras

Status light

Face recognition camera

Mic

15.6 inch touch screen

RFID card reader
(Optional)

QR code camera
(optional)

Ultrasonic sensors

System switch

Laser radar

RGBD camera
(optional)

Status light

Emergency stop button

Maintenance cover

Maintenance cover

Infrared sensor

Charging contacts

Basic parameters

Overall dimension	Touch screen	Net weight
500x500x1440mm	15.6寸 1920x1080px	57.5kg

Security surveillance	Face recognition	Speech recognition
2 million pixels, infrared night vision	Distance: 0.5m ~3m Recognition rate>99%	Four microphone arrays

QR code camera	RFID reader
Optional	Optional

THANKS