# Warm and understand you with high efficiency

## Hotel Robot-W3

COMMERCIAL SERVICE

# In the era of AI and IOT

## our robots will bring you a new experience!

Delivery is the basic function of the robot. We hope that through the robot + unmanned container + cloud management platform + IoT system,
we can provide you with a safer, warmer and smarter intelligent solution, create a smart hotel ecosystem,
drive an intelligent revolution of the industry and create higher value for hotels.

# Robot business function

**Free dispatch**
subverting traditional services

**Convenient and smart**

**Take-out**
Take-out delivery to solve the problems of front desk

**Smart welcome**
innovative experienc

**Room delivery**
provide surprises

# Warm service

## leading the era of smart hotel

W3 is not a cold machine, but a humanized design robot, eyes, mouth, neck, waist are clearly visible. The sleek, caring, and friendly emotional design is based on the arc or flat curve with no corners as the core which is to make the interaction of the robot warmer

W3 has three colors: youth blue, noble gold, and high-grade silver with a full sense of technology
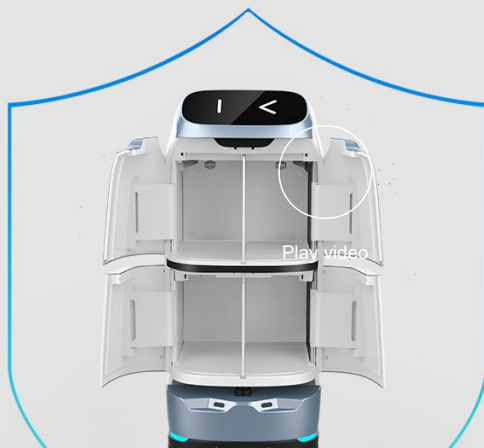
making the hotel scene experience a brand new look.

youth blue    noble gold

high-grade silver

# High efficiency

## born for delivery

The robot cabin can switch freely and is born for delivery. Two cabins can be changed to four cabins; Users can easily adjust the cabin capacity according to their needs;Medical-grade ultraviolet disinfection,germicidal lamps and unique exhaust fans

Play video

# Understand you better

## all-day, all-time, all-scene service

The robot is equipped with KEENON's self-developed fully autonomous positioning and navigation technology to realize automatic learning of hotel passages, elevators and guest room locations, automatically plan the optimal path for navigation, determine the moving path.It can autonomously take the elevator. Make calls independently to complete various services alone, reduce hotel labor costs and improve operational efficiency
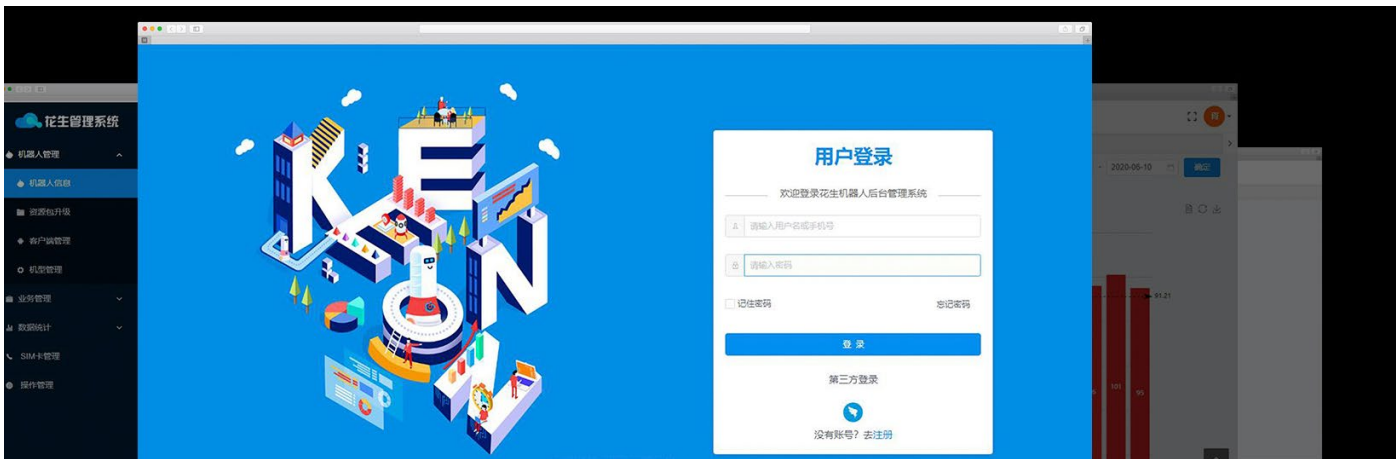
# Robot + container

## build a smart hotel ecosystem

Delivery robot + unmanned container + online shopping mall, to build a true unmanned retail solution for the hotel scene

# Parameter

| | |
|---|---|
| **Product size**<br>500mm*500mm*1100mm | **Charging mode**<br>Automatic / manual |
| **Production net weight**<br>48kg | **Maximum speed**<br>1m/s |
| **Display screen**<br>TFT LCD 11.6-inch touch screen,1280*800 | **Maximum climbing angle**<br>5° |
| **Loading capacity**<br>A total of 2 floors and 4 cabins,<br>single cabin size L400*W200*H350mm;<br>Autonomous opening and closing doors; | **Maximum height**<br>3cm |
| **Positioning navigation method**<br>Laser, IMU, encoder multi-sensor positioning navigation | **Endurance time**<br>9-12h |
| **Obstacle avoidance method**<br>Dual stereo vision,Dual ultrasound,<br>Collision bar and other sensors | **Network Interface**<br>WIFI/4G |
| **Battery capacity**<br>12AH | **Charging time**<br>4h |