



AI Service Robot

Korben Welcome Mini is capable of performing various functions such as **welcoming and attracting customers**, acting as a **robotic guide**, **answering intelligent queries**, and **conducting dynamic marketing and promotions**.

Powered by its **self-developed robotic operating system**, it can be easily customized to meet the specific needs of different scenarios and integrate seamlessly with client systems.

This versatile robot has been successfully applied across **more than 20 industries**, helping clients **reduce costs** and **improve efficiency** while delivering an **enhanced smart experience**.

Key Benefits

Suspension system

Stable operation in various harsh environments such as uneven and greasy floors.

Batteries LG

Allows the robot to run uninterrupted for 12 hours.

Microphone and speaker

6 microphone arrays.
Answer questions accurately, even in noisy environments.

High Definition Video

Displays predefined ads or promotions when detecting a human face.

360° Smart Sensors

Built-in RGBD cameras, small obstacles can be detected quickly and accurately.

Working 24/7

Allows the robot to cover every day of productivity, meeting a wider range of scenarios and needs.



Product Characteristics

Size (L*W*H)	410×410×1000 (mm)
Weight	21kg
Autonomy	12h
Charging time	4.5h
Standard Mapping Area	<5000m ²
Screen Size	14 inch, 1080FHD
Camera	1, 48M HD, 2Mega, wide angle camera
Hardware	Qualcomm 8-core chip + industrial-grade MCU
Navigation Sensor	LiDAR + Visual Positioning + Visual Obstacle Avoidance + Odometer + IMU
Microphone Array	Rows of 6 microphones, 360° sound source positioning
Operating System	Android 9
Supported Networks	4G supports TDD-LTE, FDD-LTE WiFi supports 2.4G/5G



With a **97% voice recognition accuracy rate**, it understands what you say even in noisy environments. Different languages and accents are handled effortlessly, providing corresponding answers and explanations tailored to users' needs.

Equipped with an advanced **6-microphone array** located at the center of its head for optimal performance, enabling it to perform high-quality **video and voice calls**.



Uses **facial recognition** to welcome visitors with voice greetings and provide **personalized services and suggestions** based on their needs.

Detects the presence of people and proactively greets and interacts with them.

