

SKYLARK

Fully Modular Service Robot

Richtech Robotics

Empowering Automation



UNLIMITED USE CASES, UNCAPPED ROI

Skylark is the world's first fully modular autonomous mobile robot designed specifically for the hospitality space. With Skylark, one robot can do it all.

AI ENABLED FEATURES



Autonomous Modular Exchange

Skylark will autonomously swap between modules according to the task or on a pre-set schedule.



Automatic Recharging

Upon completing each task, Skylark returns to the charging station, waiting for the next task.



Elevator-Enabled

Skylark is compatible with all brands and models of elevators, autonomously calling and operating elevators to seamlessly transition between floors.



Automatic Arrival Notification

Arriving at the door of guest room, Skylark will automatically notify the guest by calling the room.



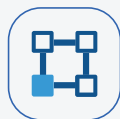
Obstacle Avoidance

With multiple visual sensors creating an omnidirectional picture, Skylark effortlessly navigates around people and other obstacles.



Intelligent Mapping

Using its sensors and powerful SLAM algorithm, Skylark creates a 3-dimensional map of the facility.



Internet of Things (IOT)

Skylark links directly to IOT-enabled barriers such as doors and security gates, ensuring seamless task completion throughout the entire facility.



24/7 Operation & Shift Scheduling

24/7 service and shift-scheduling allow Skylark to saturate each day with productivity, meeting a wider range of hotel scenarios and needs.

OUR REVIEWS

★★★★★ "I forgot my shaving gel and "Luna" a delivery robot showed up after calling the front desk with the needed items and cool stickers for my son. What a surprise!" ~ Nick, Google review

★★★★★ "It was amazing how many things my kids could think of to request to get the delivery robot up to the room!" ~ John, Google review

★★★★★ "The robot alone was enough to give this hotel a try!" ~ Melanie, Google review

HOTEL DIGITAL OPERATION SYSTEM - HDOS

Skylark is accompanied by the world's most hospitality focused AI Concierge, fielding guest questions, taking requests, and dispatching Skylark or human staff to complete customer requests.

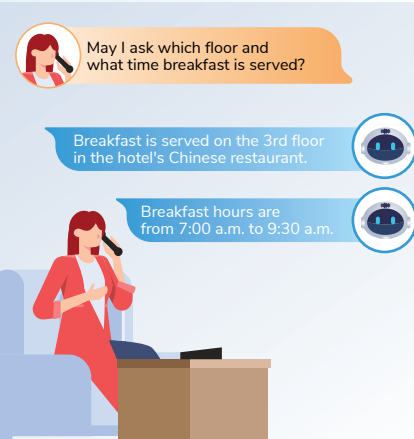
AI Concierge

AI Concierge accurately identifies guest's intentions and provides instant responses.

May I ask which floor and what time breakfast is served?

Breakfast is served on the 3rd floor in the hotel's Chinese restaurant.

Breakfast hours are from 7:00 a.m. to 9:30 a.m.



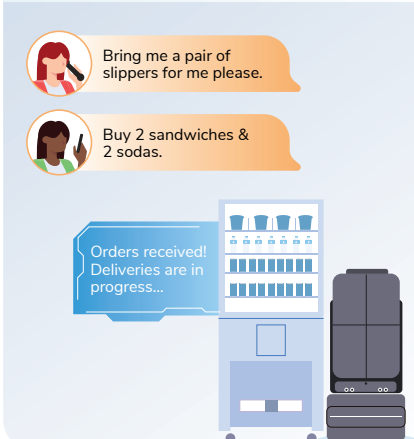
Delivery Service

Delivery Robots & Automatic Vending Machine dispense and deliver requested items.

Bring me a pair of slippers for me please.

Buy 2 sandwiches & 2 sodas.

Orders received! Deliveries are in progress...




Service

The system automatically assigns service tasks and promptly notifies the corresponding staff members.

Please help me clean the room.

There is a room cleaning task for room 808B.



DELIVERY



24/7 continuous item delivery, fully liberating manpower for other critical tasks.



Double-compartment design, distribute articles for two rooms simultaneously.



Technology-oriented service experience, increasing positive hotel sentiment and return stays.



CLEANING



Dust absorption/wet-type dust collecting/cleaning three-in-one function.



Automatically shifts cleaning modes according to different floor materials.



Accurate and adaptable, navigates around objects while cleaning within 1 inch of the walls.



Recognizes large messes, automatically creating a cleaning order for human staff.



Recognizes small messes while in delivery mode, creates cleaning task automatically.



Recognizes lost valuables, sending notification to hotel staff via AI management platform.



FUTURE MODULES



Linen



Delivery (open type)



Meals delivery



Garbage collection



Patrolling



Disinfection



Clothing rack