u·Serve

UNITED ROBOTICS GROUP

Senior Care

Hospitals

Laboratories

Restaurants & Canteens

uServe is versatile smart mobile hospitality robot equipped with a large HD screen and four trays and offers a wide range of possibilities for various applications.

uServe adapts seamlessly to your individual requirements thanks to its *flexible tray configurations, large HD screen* and an intuitive yet powerful *mission planner*. Paired with unchallenged *mobility*, multiple delivery modes and functions for *remote controls*, uServe enhances both your operational efficiency and your staff satisfaction at a *competitive price point*.

PRODUCT BENEFITS

- **Open Platform** consisting of mobile base, spine, screen, and standard interfaces
- **Maximum Flexibility** for integrators allowing customized solutions
- **Human Safety and Data Privacy** prioritized with highly sensitive sensor technology and certificates
- **Open Software Architecture** with specific access levels for different user groups
- **Open APIs** for customized solutions
- **No-Code Software** user interfaces
- **Rapid Deployments** within minutes

- **Call Devices and Follow Devices** for an easy interaction with the robot
- **Multi-Robot Fleet Management** for global and local efficiency optimization
- **Task Management** including multiple tasks planning
- **Online Dashboard** operation visualization
- **Door and Elevator Management** enabling easy control and utilization of existing automated systems
- **Interoperability** with other AMR / AGV
- **Real-time Operation** data monitoring

u·Serve

Dimensions (L×W×H)	490 × 580 × 1290 mm
Max. Load Capacity	40 kg total; 10 kg per tray
Weight (empty, incl? battery)	72 kg
Shelf Dimensions	430 × 400 × 200 mm
Shelf Configurations	4 tray layers Height adjustable trays
Min. Space Width	70 cm
Working Environment	Indoor and outdoor in qualified parks/industry zones
Max. Mapping Area	No limit; Max. 200,000 m² recommended for a single map
Max. Speed	1,2 m/s
Navigation Mode	Free / Track / Mixed / Cruise / Follow
Positioning Accuracy	± 5 mm / ± 1°
Network Communication	4G/5G/IFI
Battery	Operation time : 10h / Charging time : 4h
Certifications	CE/FCC/KC/NCC/EMC
Optional Accessory-enabled Functions	Elevator module / Automatic door module / External notification lights and speakers / Call button system / Follow mode bracelets / Add-on cabinets, shelves

Contact

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