

AeoBot



AeoBot—A New Benchmark in Intelligent Service

The Aeolus AeoBot redefines service robotics with its dual manipulator arm design, seamlessly combining artificial intelligence, autonomous mobility, and multimodal robotics functionality. Powered by Cross-Sensory Integration, it fuses visual, audio, and tactile data into a unified AI model—enabling rapid environmental awareness and real-time decision making.

With human-like interaction and operation, AeoBot can see, hear, and speak, executing commands through agile robotic arms for natural, efficient, and intuitive collaboration with people.

Its versatile, all-scenario adaptability allows it to transition effortlessly between roles—from public service and security patrols to abnormal event monitoring and UV disinfection—delivering round-the-clock intelligent service.

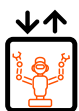
AeoBot—Bringing Service into the Smart Future

Designed to excel in unstructured environments, AeoBot can take elevators, sliding doors, engage in two-way conversations, serve as a chatbot, and handle a wide variety of complex tasks.



Opens doors

AeoBot goes where you need it to, opening and closing doors along the way.



Operates elevators

AeoBot uses its arms to operate elevators without modifications.



Access anywhere

Access AeoBot anytime, anywhere with our user-friendly ARMS mobile app.

AeoBot Series - Service Robots For Your Needs

AeoSecurity - Security Guard Service Robot

- 24-Hour Patrol: Autonomous patrol with 360° night vision.
- Anomaly Detection: Identifies open/closed doors and missing objects.
- Two-Way Communication: Real-time video and audio interaction.

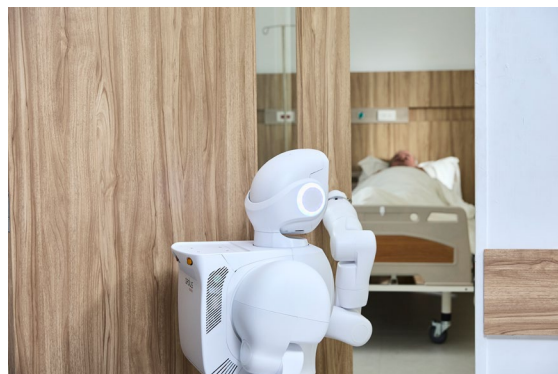
Target market: Commercial offices, shopping malls, public spaces, airports, etc



AeoCare - Elderly Care Service Robot

- Night Shift Patrol: Ensures safety of the residents with night vision and stealth mode.
- Daytime Monitoring: Alerts care staff when at-risk residents attempt to stand or walk unassisted.
- Security Sentinel: Extends the reach of human guards with real-time alerts and two-way audio communication.

Target market: Elderly care homes, Private homes



AeoUVC - Disinfection Service Robot

- High Efficiency: Kills 99.99% of pathogens.
- Populated Spaces: Disinfect surfaces with precision while maintaining a 2-meter safety zone.
- Safety Features: Auto-off when people are nearby.

Target market: Subway stations, airports



AeoBot with
360° Camera

AeoBot

Hardware specifications:

Dimension:	1.83 m x 2.0 m x 1.32 m (H x W x L)
Maximum velocity:	95 cm/s
Minimum turning space:	85 cm
Traversable step:	1 cm
Traversable gap:	< 3.5 cm
Maximum climb/Descend slope:	+/- 1 degree
Typical runtime:	• 9 hours (with standard flex gripper only) • 6.5 hours (with night vision 360° camera)
Charging time:	Robot on: 9 hours for 10% - 95%
Arm capabilities:	• Payload: 2.9 kg (with flex gripper) • Degrees of Freedom: 7 df