

# UV DISINFECTION ROBOT

## AUTONOMOUS HYGIENE SOLUTION

*We offer Custom-Engineered Robotics Solutions*

# What sets Caliber apart in AMR solutions?



## Full-Stack Engineering Expertise

- In-house capabilities in PCB design, embedded systems, mechanical enclosures and powertrain development
- Ability to design at component level, ensuring precision control, safety and energy efficiency



## Multi-Disciplinary Design Strength

- Synergy across software, electronics and mechanical design under one roof
- Mechatronics - driven development ensuring ruggedness and operational continuity



## Custom-Built for Industrial Use Cases

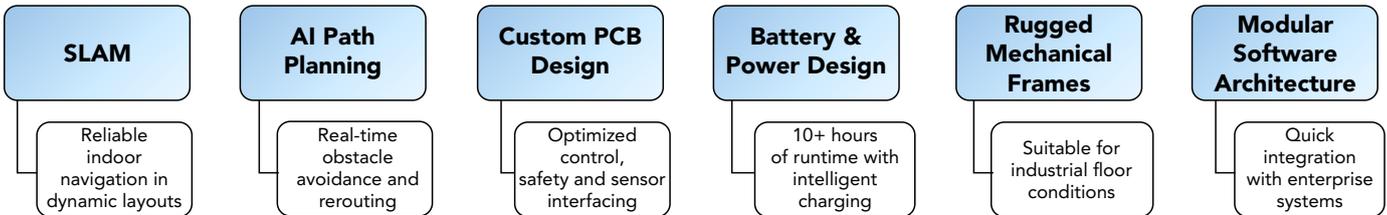
- Modular AMR platforms to suit logistics, storage, facility services and hygiene automation
- Seamless integration with MES, ERP and WMS systems for synchronized workflows



## Rapid Deployment with Scalable Platforms

- Configurable chassis and payload systems for rapid customization
- Fleet management system ready for scale-up across large plants and multi-site operations

# Core Technologies Powering Our AMRs



# Specifications

Specifications	Features/Functionalities Capabilities	Specifications	Features/Functionalities Capabilities
Rated Speed	1.5 m/s	Battery Technology	Lithium - Ion
Max Slope	3.25 Deg	Nominal Voltage	25.9 V
Dimension	650 Dia x 400 mm	Rated Ampere - Hour Capacity	45 Ah
Nominal Power	800 W	Total Energy Density of Battery	1166 W
Type	AMR	Safety	Obstacle Detection
Model	UV Disinfectant		Dynamic Obstacle Avoidance
Ground Clearance	40 mm		Emergency Stop
Lidar	2 pieces of Diagonal Scanner		LED Indication (Light)
			Buzzer
			Safety Edge
		Communication	Wi-Fi (Dual Band Wireless)
			I/O Connections (USB, Ethernet)

