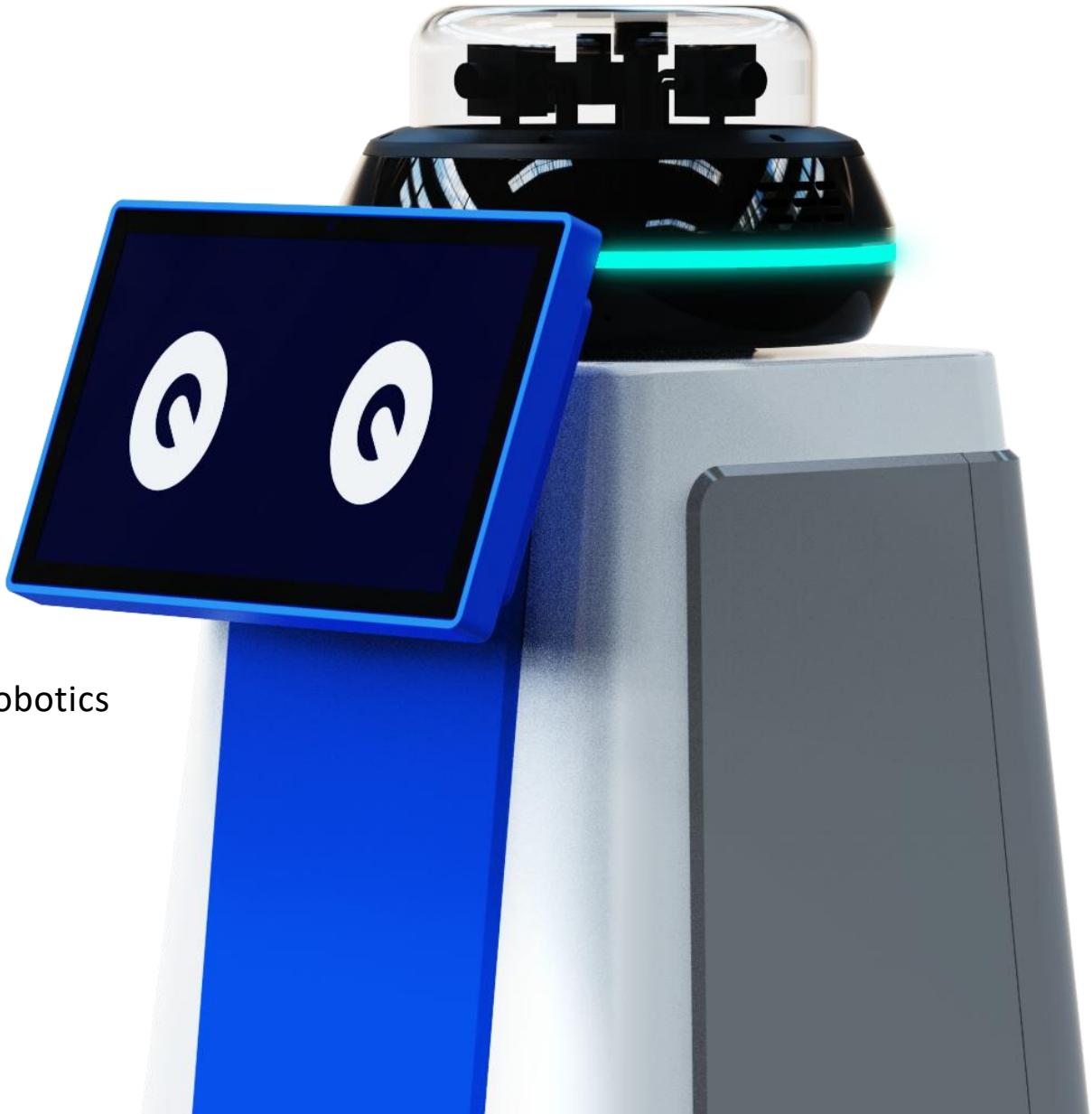


Introducing

axoneX
ROBOTICS

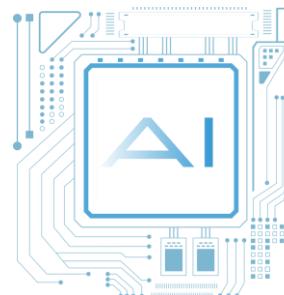
Empowering Humanity Through Artificial Intelligence and Robotics



axonex Robotics is the technology

arm of Mint Incorporation Limited, a Nasdaq listed company. Axonex focuses on enhancing humanity through advanced technologies in AI, IoT devices, Robotics and Software platforms for our daily applicable conditions and environments. Axonex has two main streams: Intelligence + Robotics.

powered by



AI + Algorithm

Robotic solutions to automate routine facility management tasks, improve efficiency, and reduce manpower needs.



IoT + Robotics

AI-powered analytics to optimize maintenance, space utilization, and resource allocation.



Management Platform

Digital twin solutions enabling real-time visualization and management of facilities.

BUSINESSES PARTNERS

axonex has offices in Hong Kong, Singapore and Japan.

In Robotic sector, Axonex has worked with many renowned clients in delivering a total robotic solution that integrates with their day-to-day operation and businesses.





HOSPITALITY SECTOR

Axonex has acquired the business of Rice Robotics in Japanese market. The delivery robot sends goods from point to point. We have worked with JR in Japan, 7-11, Family Mart to provide a smooth delivery service.

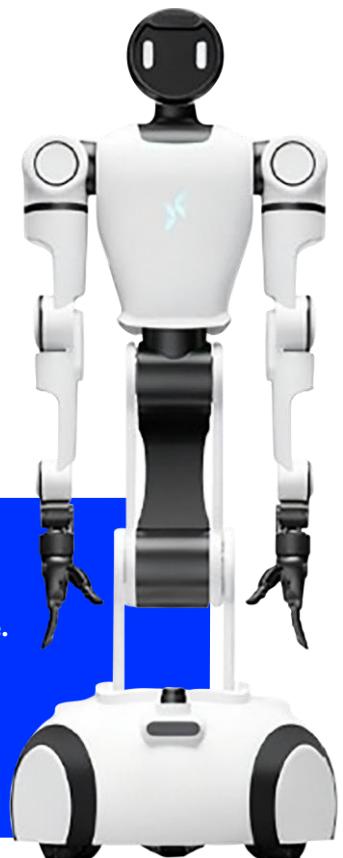


FACILITIES MANAGEMENT SECTOR

Axonex has a strong presence in facility management and patrolling businesses. We have worked with partners such as Genting, Guardforce, Government of the HKSAR etc. in providing security and patrol solutions with our robots and IoT devices.

PRODUCTIVITY SECTOR

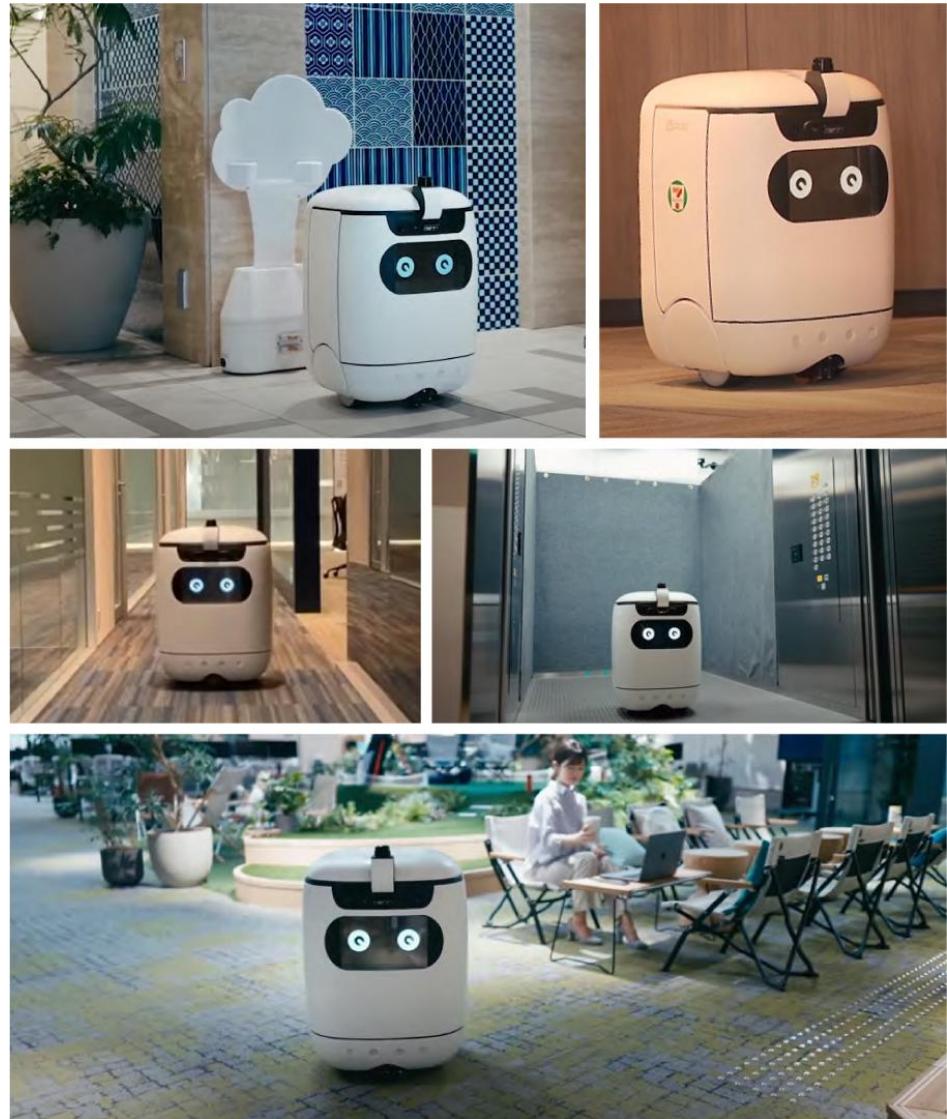
Half humanoid is the Axonex new developed product for the industrial use. It provides an efficient way of traversing factory, mill, or any industrial environment. With the smart and dexterous hand and arm, it can achieve the agility beyond human body.



AX ROBOTICS

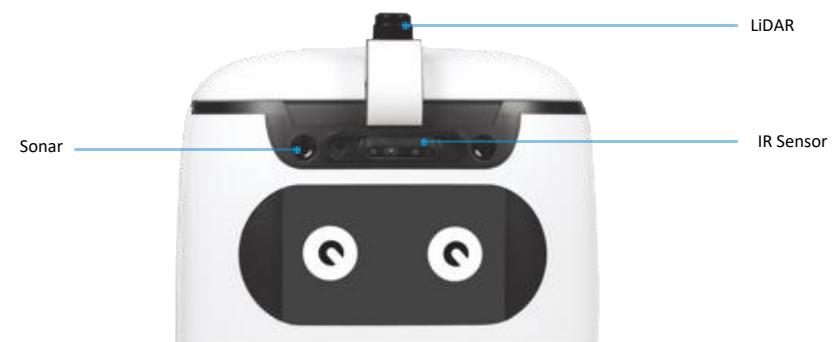
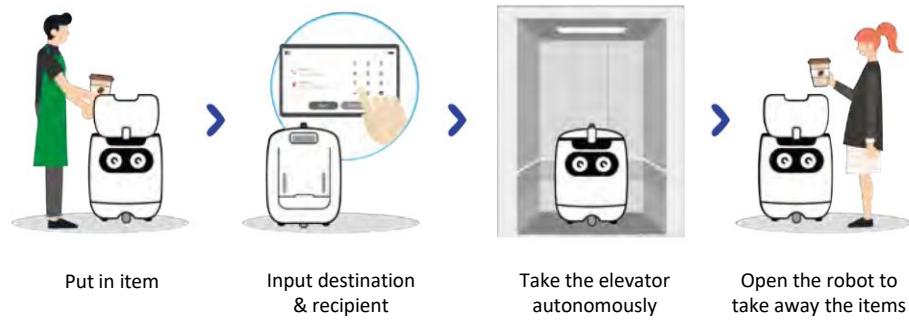


MODEL R

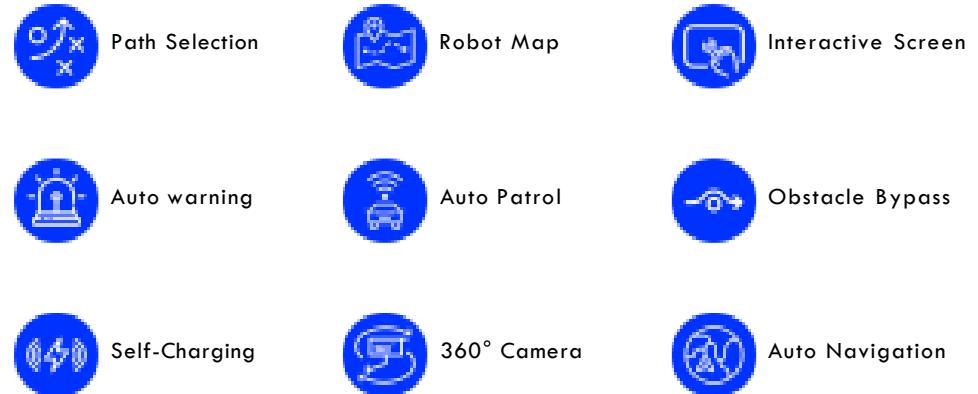


- All day battery life
- 30kg payload
- Secure delivery
- Fully autonomous navigation
- Elevator integration
- 39x27x34cm storage

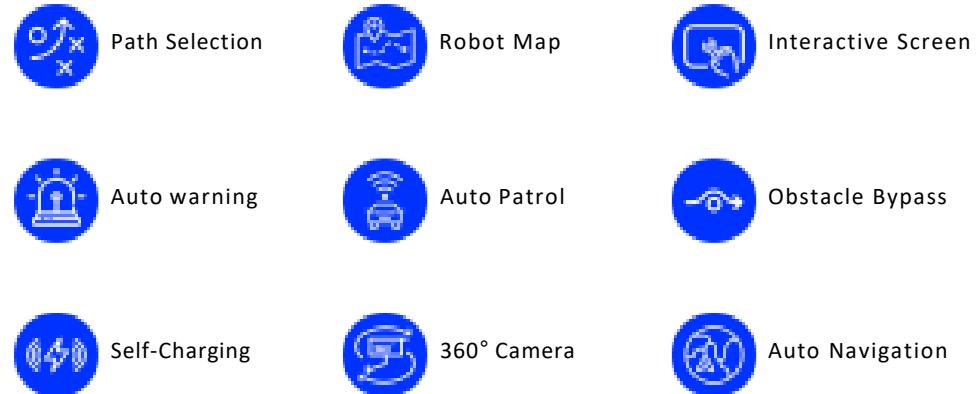
How to completes the delivery



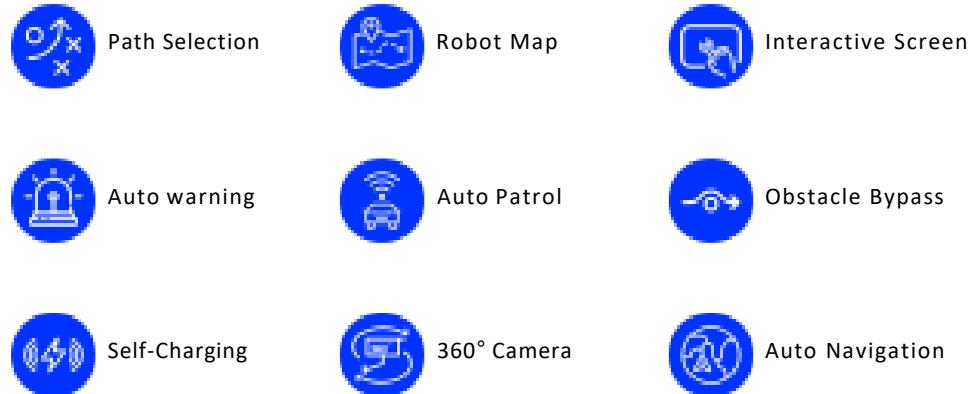
MODEL L



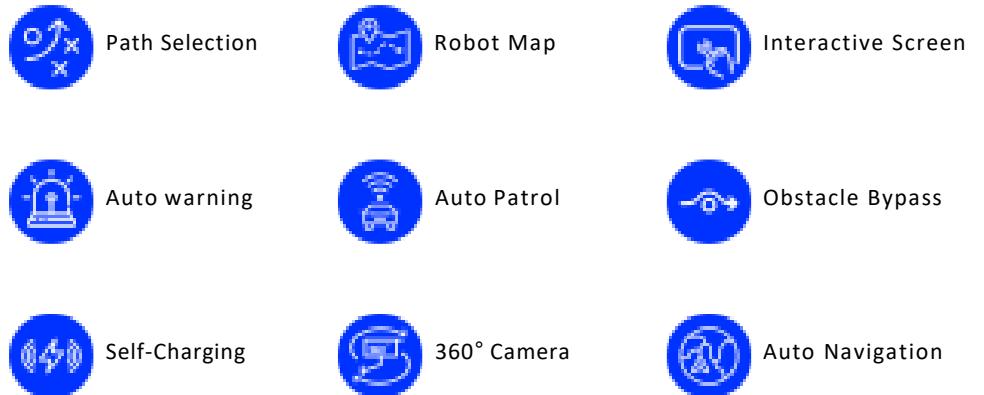
MODEL M2



MODEL M3



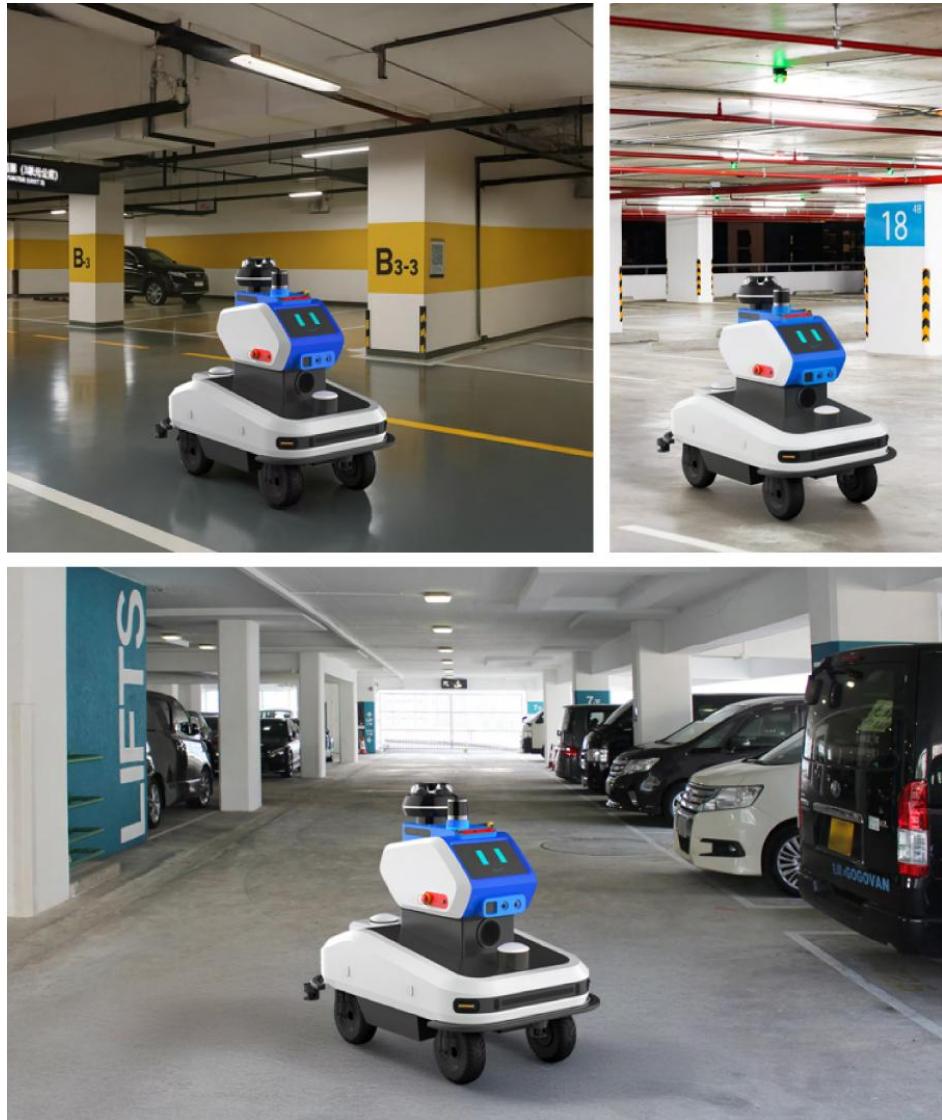
MODEL M4



Alternative Model



MODEL P1



Path Selection



Auto warning



Self-Charging



Robot Map



Auto Patrol



360° Camera



Interactive Screen



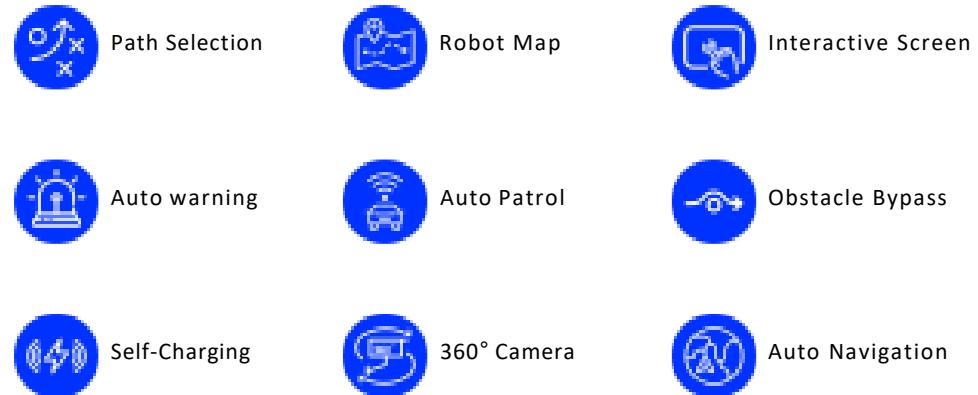
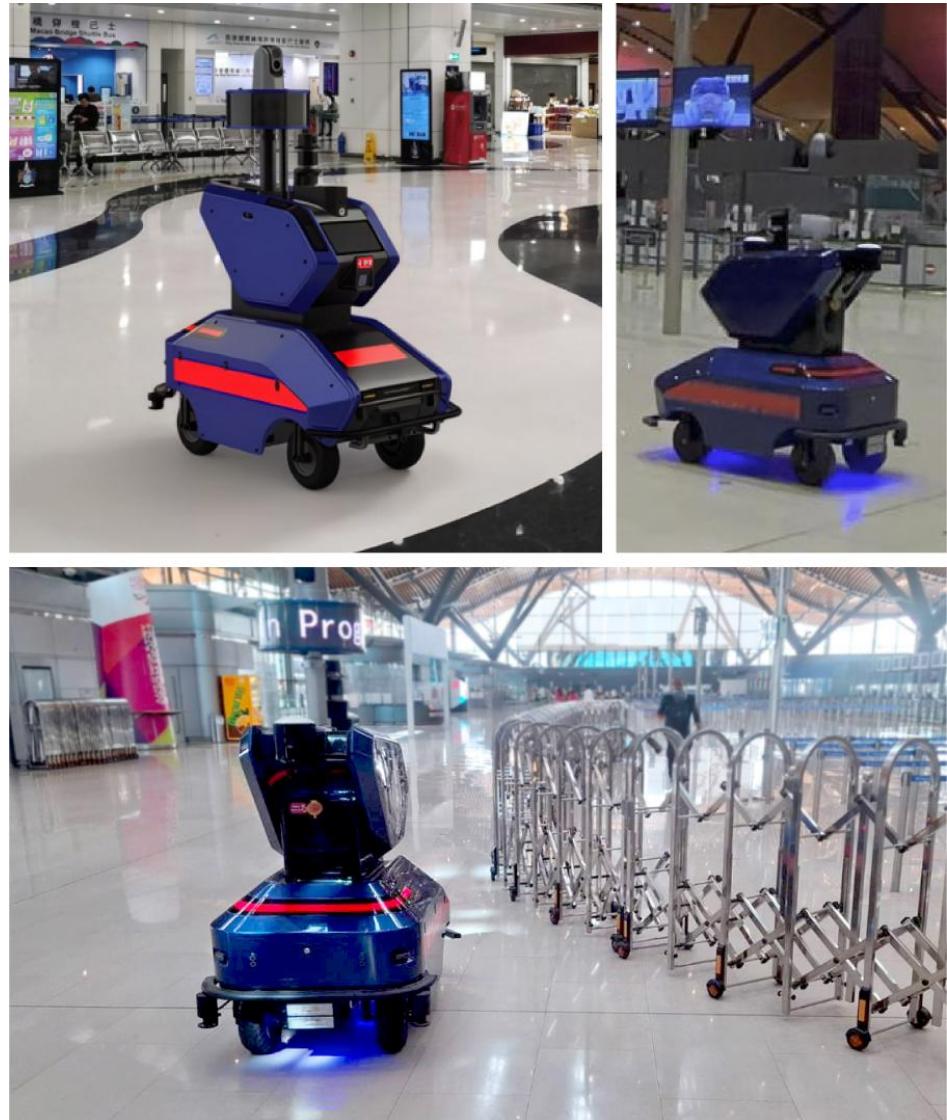
Obstacle Bypass



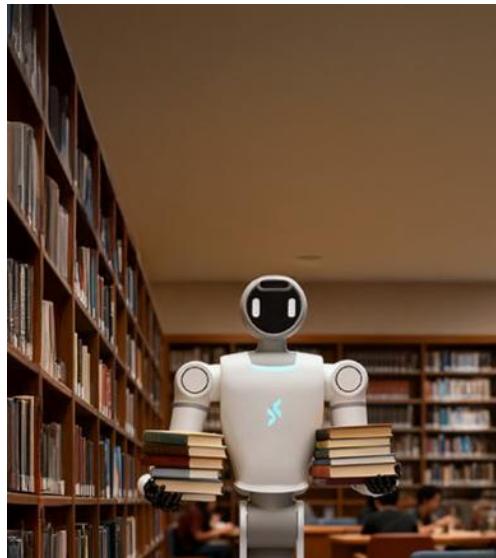
Auto Navigation



MODEL PF



MODEL AX-9



Dual seven-axis bionic high-load robotic arm



Maximum load capacity of 10kg for both arms



Supports multiple remote control methods



Stereoscopic perception interaction



can be equipped with a wrist depth camera



Optional high-definition camera and LiDAR



Chassis 360° omnidirectional movement



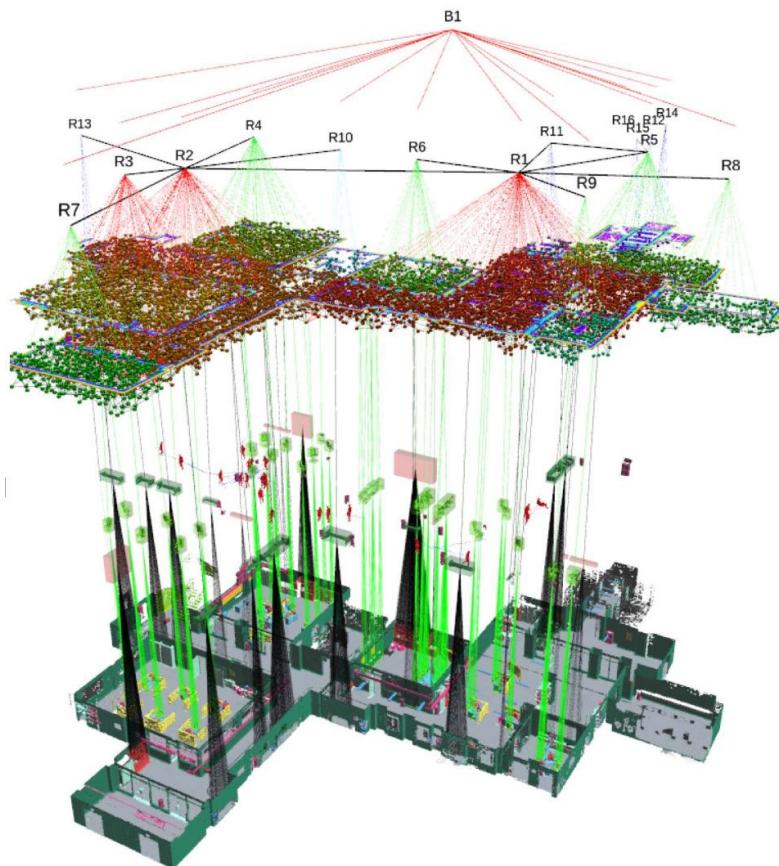
Single arm length (excluding end effector) 75cm



Supports voice interaction capability



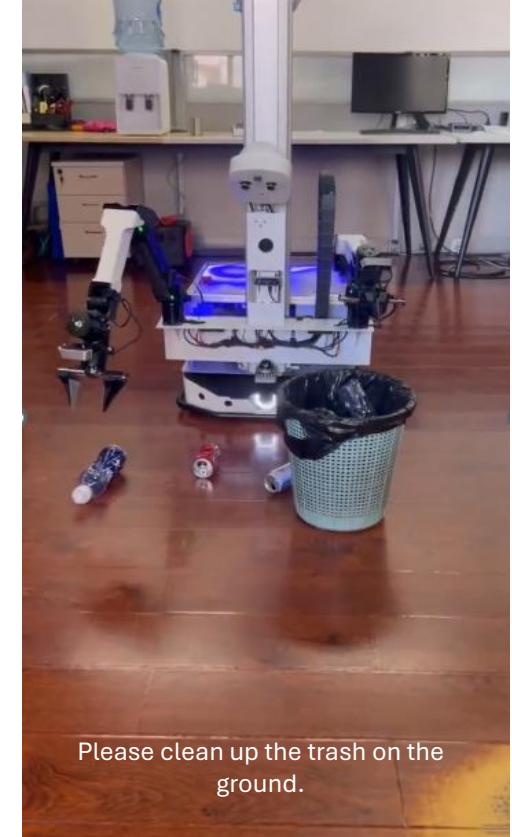
MODEL AX-9



RGB-D Scanning and Mapping



Application in Convenient Store + Pharmacy drug dispatch



Voiceover, LLM Control Prototype

MODEL AX-9





Entertainment Venues

Axonex Robotics is a comprehensive and cutting-edge solution that goes beyond basic safety measures to proactively ensure security within casinos and entertainment spaces. It achieves this through real-time monitoring, predictive analysis, and intelligent alerts, enabling swift responses to potential threats and incidents.

By integrating these features, Axonex Robotics fosters a smarter and safer environment for patrons and staff alike, enhancing the overall experience and promoting a vibrant atmosphere for entertainment and enjoyment.

- **Detection of Loitering Vehicles in Unauthorized Area**
- **Facial Recognition & Blurring**
- **Detection of Faulty Lights**
- **Detection of Overflowing Bin**
- **Detection of Unattended Bag**

APPLICATIONS ACROSS INDUSTRIES



Office Buildings / warehouses

Axonex robotics is instrumental in transforming the contemporary office environment by delivering instant notifications and extensive management tools that enhance operational efficiency. As a versatile security and concierge robot, it streamlines routine tasks while providing insightful data that enable companies to establish a safer, more effective, and enjoyable workplace atmosphere. This approach not only aids employees by promoting a secure setting but also makes a favorable impact on visitors, underscoring the building's dedication to innovation and exceptional service.

- **24/7 Surveillance Across Multi-level Buildings**
- **Detection of Loitering Personnel in Unauthorized Areas**
- **Detection of Overstaying Vehicle at Drop-off Point**
- **Fire and Smoke Detection**
- **Detection of Faulty Lights**
- **Scheduled Public Announcements**

APPLICATIONS ACROSS INDUSTRIES



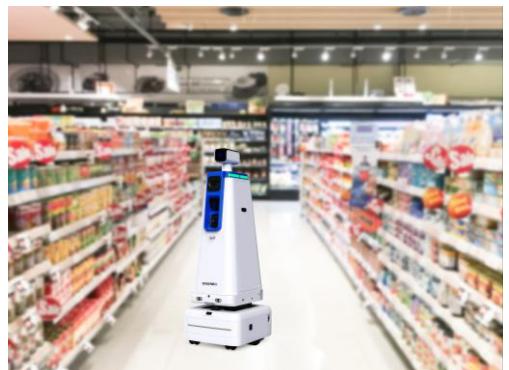
Educational institution

Axonex Robotics plays a crucial role in reshaping the modern office landscape by offering real-time notifications and comprehensive management tools that boost operational efficiency. As a multifunctional security and concierge robot, it automates routine tasks while delivering valuable insights that empower organizations to create a safer, more efficient, and enjoyable workplace environment. This approach not only supports employees by fostering a secure atmosphere but also leaves a positive impression on visitors, highlighting the building's commitment to innovation and outstanding service.

- **Detection of Loitering Vehicles in Unauthorized Area**
- **Face Recognition & Blurring**
- **Detection of Faulty Lights**
- **Detection of Open Door**
- **Detection of Overflowing Bin**



APPLICATIONS ACROSS INDUSTRIES



Supermarket

Axonex Robotics is essential in modernizing operations within supermarkets by delivering a range of advanced features that enhance overall efficiency. With capabilities such as real-time inventory monitoring, customer flow analysis, and insightful data analytics, it improves decision-making and streamlines operational workflows.

As a multifunctional security and support robot, Axonex automates key tasks, including surveillance and stock management, while providing valuable insights that empower staff to create a safer and more productive shopping environment. This innovative approach not only helps maintain security but also enhances the overall customer experience, ensuring a smooth and enjoyable visit for shoppers.

- **Surveillance in High-risk Zones like Milk Powder, Liquor, and Health and Beauty Aisles (HABA)**
- **Detection of Out-of-Stock (OOS) Conditions for Essential Products**
- **Scheduled Public Announcements**

APPLICATIONS ACROSS INDUSTRIES



Shopping Mall

Axonex Robotics is essential in transforming the contemporary shopping mall experience by providing real-time notifications and comprehensive management tools that enhance operational efficiency. As a multifunctional security and concierge robot, it automates routine tasks while supplying valuable insights that empower retailers to create a safer, more efficient, and enjoyable shopping environment. This innovative approach not only supports employees by fostering a secure atmosphere but also leaves a lasting positive impression on shoppers, underscoring the mall's commitment to excellence and customer satisfaction.

- **Detection of Unattended Bag**
- **Detection of Loitering Personnel in Unauthorized Areas**
- **Detection of Overstaying Vehicle at Drop-off Point**
- **Detection of Smoking Activity in Non-designated Area**
- **Scheduled Public Announcements**
- **Detection of Faulty Lights**
- **Detection of Overflowing Bin**
- **Detection of Open Door**
- **Detection of Closed Shop during Stipulated Operating Hours**

Transport Hubs

Axonex Robotics is vital in transforming the modern transport hub experience by offering real-time notifications and comprehensive management tools that improve operational efficiency. As a multifunctional security and concierge robot, it automates routine tasks while providing valuable insights that empower staff to create a safer, more efficient, and enjoyable environment for travelers. This innovative approach not only supports personnel by fostering a secure atmosphere but also leaves a lasting positive impression on passengers, highlighting the hub's commitment to excellence and superior service.

- **Detection of Unattended Bag**
- **Detection of Loitering Personnel in Unauthorized Areas**
- **Detection of Overstaying Vehicle at Drop-off Point**
- **Detection of Smoking Activity in Non-designated Area**
- **Scheduled Public Announcements**
- **Detection of Faulty Lights**
- **Detection of Overflowing Bin**



APPLICATIONS ACROSS INDUSTRIES



Factory / Pier

Axonex Robotics is integral to modernizing operations in industrial environments such as gas, oil, and power plants by providing a suite of advanced features that optimize overall effectiveness. With capabilities including real-time monitoring, predictive maintenance alerts, and comprehensive data analytics, it enhances decision-making processes and operational workflows. As a multifunctional security and monitoring robot, Axonex automates essential tasks, such as surveillance and inventory checks, while offering valuable insights that empower staff to maintain a safer and more productive work environment.

- **Detection of Loitering Personnel in Unauthorized Areas**
- **Scheduled Public Announcements**
- **Detection of Overflowing Bin**
- **Methane**
- **Equipment operation inspection**
- **Infrared detection**

APPLICATIONS ACROSS INDUSTRIES



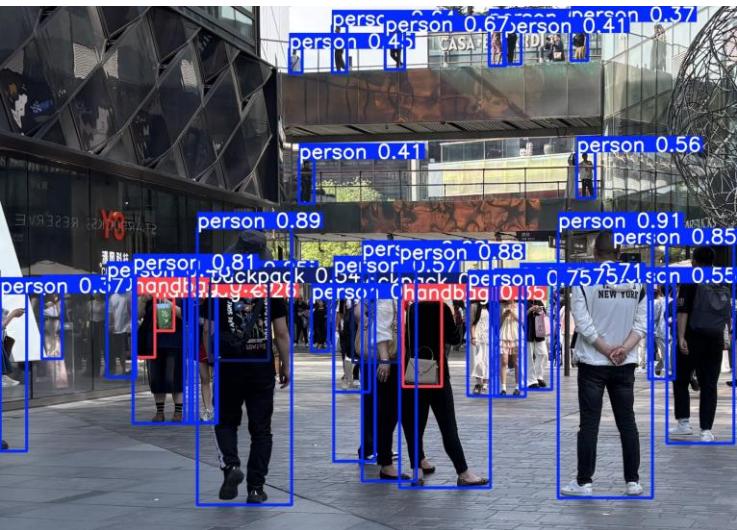
Residential

Axonex Robotics plays a crucial role in enhancing operations within residential environments by providing a range of advanced features that optimize daily living. With capabilities like real-time security monitoring, smart alerts, and data analytics, it improves safety and convenience for residents.

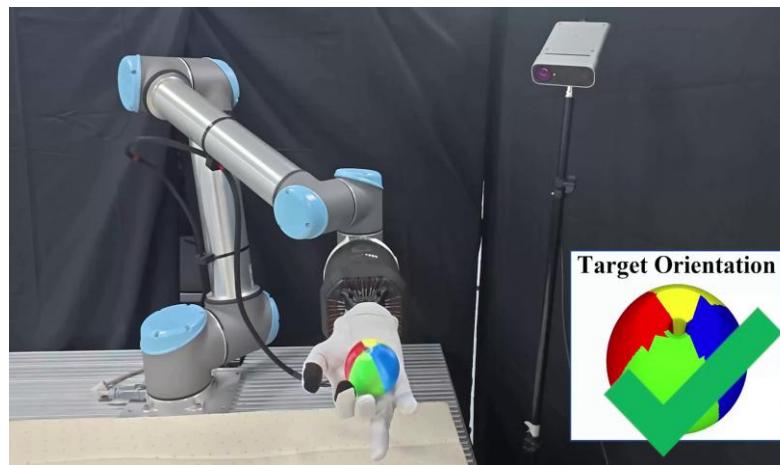
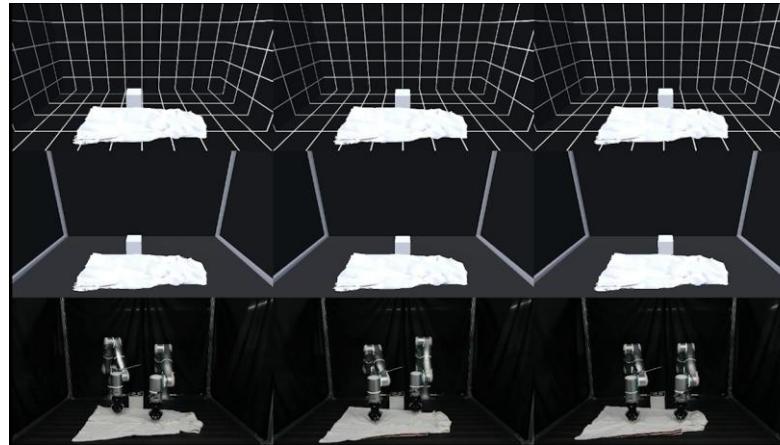
As a multifunctional security and support robot, Axonex automates essential tasks such as surveillance and home management, while delivering valuable insights that empower homeowners to create a safer and more efficient living space. This innovative approach enhances security and elevates the overall residential experience.

- **Detection of Loitering Personnel in Unauthorized Areas**
- **Detection of Overstaying Vehicle at Drop-off Point**
- **Detection of Smoking Activity in Non-designated Area**
- **Scheduled Public Announcements**
- **Detection of Faulty Lights**
- **Detection of Overflowing Bin**

AI ABILITIES



- LLM Application in visual analysis



- Physical AI training in Robotics VLA Logic

Stop or detour as needed

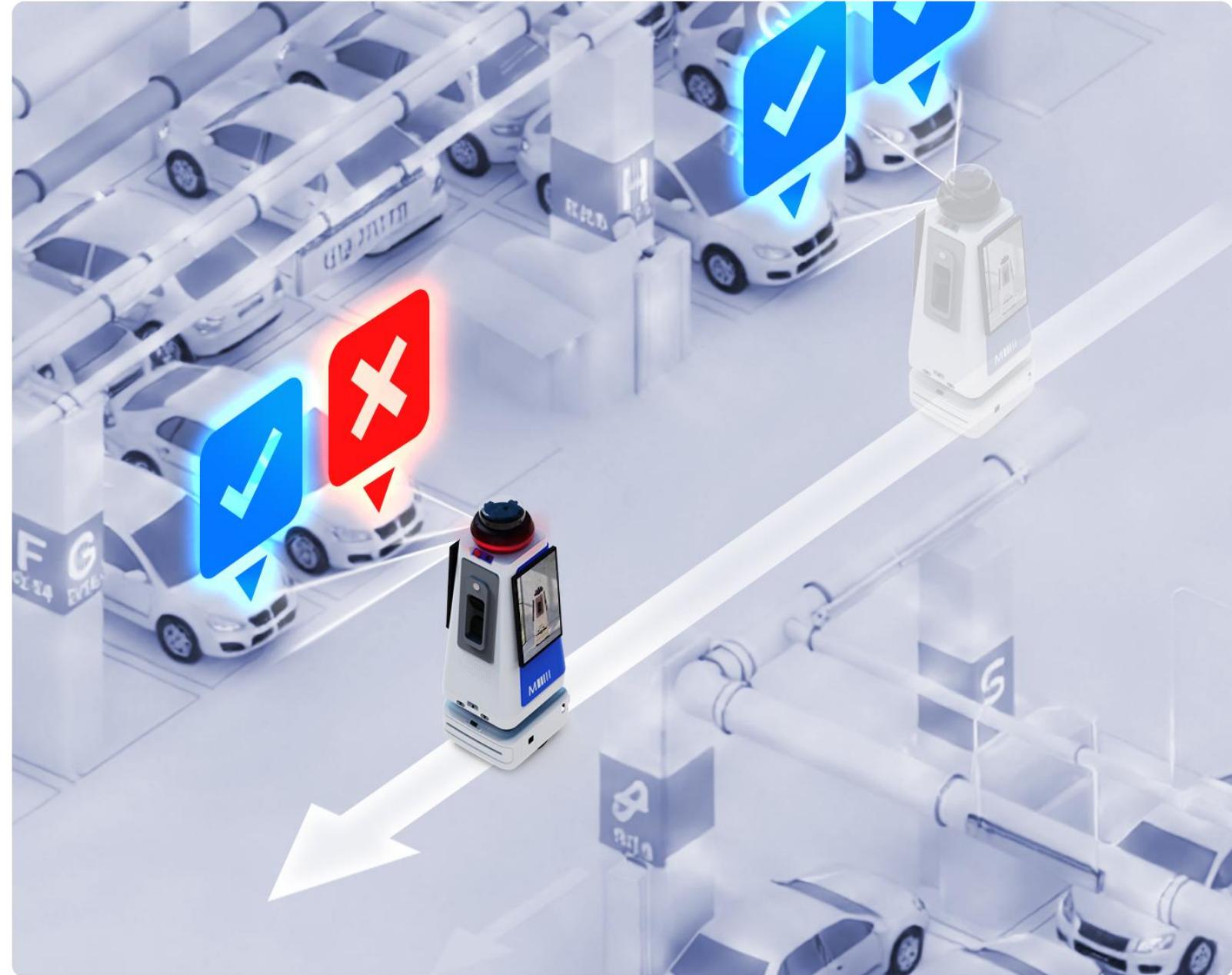
It is equipped with a help button to allow citizens to speak directly with police officers in an emergency, and has a video camera to help officers understand the scene and make action plans.



AI ABILITIES

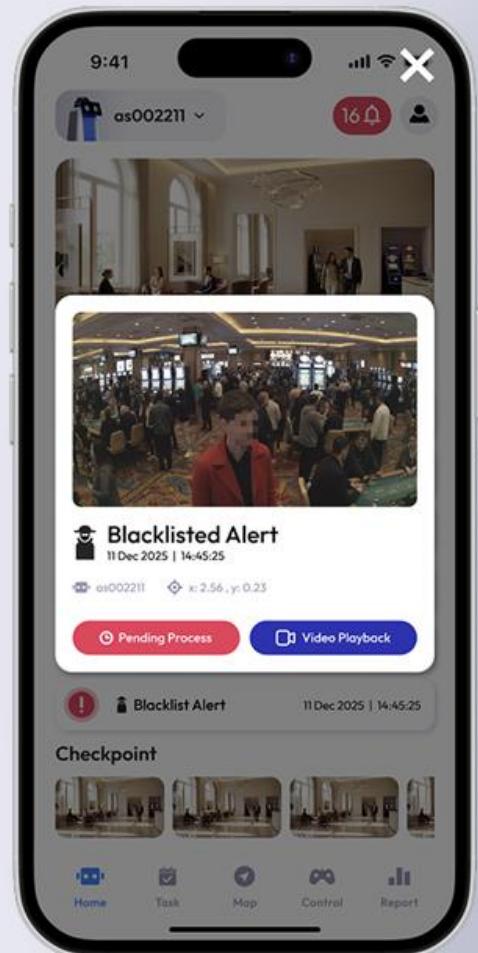
Check for illegal parking

Employs artificial intelligence to identify patterns of illegal parking and generate alerts or notifications to enforcement officers or parking authorities.



AI facial recognition

Employs artificial intelligence to identify patterns of illegal parking and generate alerts or notifications to enforcement officers or parking authorities.



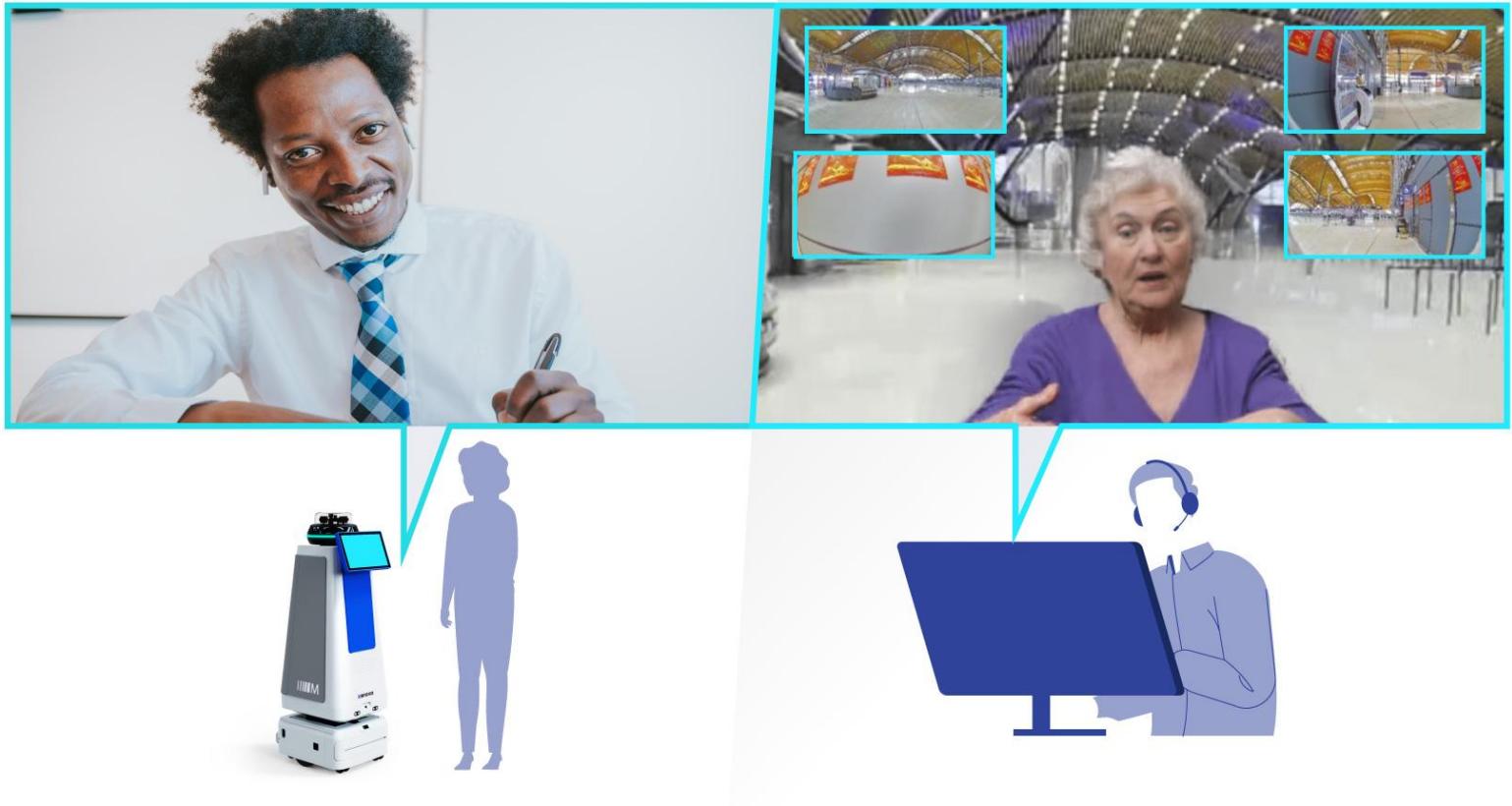
Information dissemination in all aspects

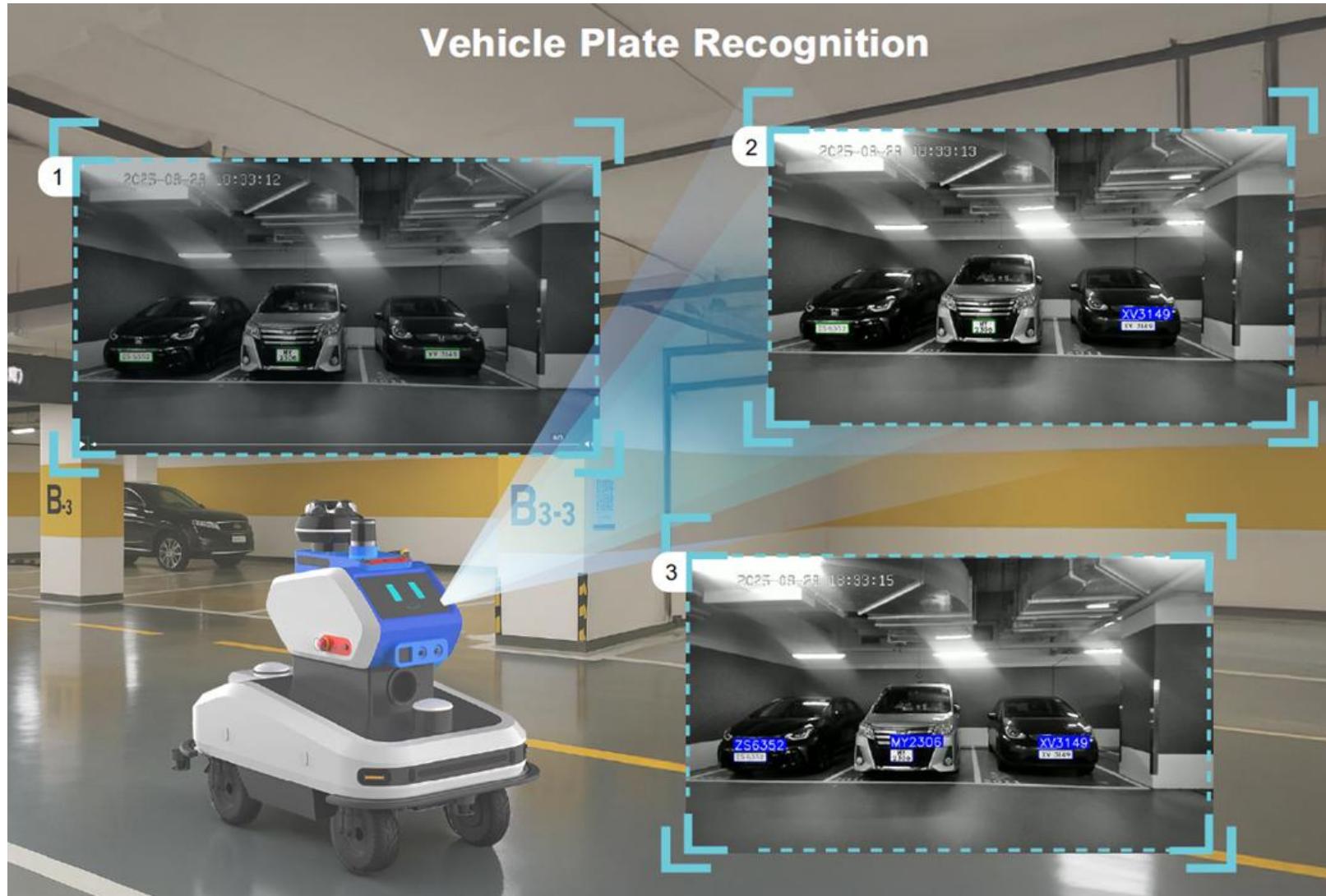
Information is delivered 24/7 and from all directions via a 360-degree LED display and front and rear speakers.



Two-way video

It is equipped with a help button to allow citizens to speak directly with police officers in an emergency, and has a video camera to help officers understand the scene and make action plans.

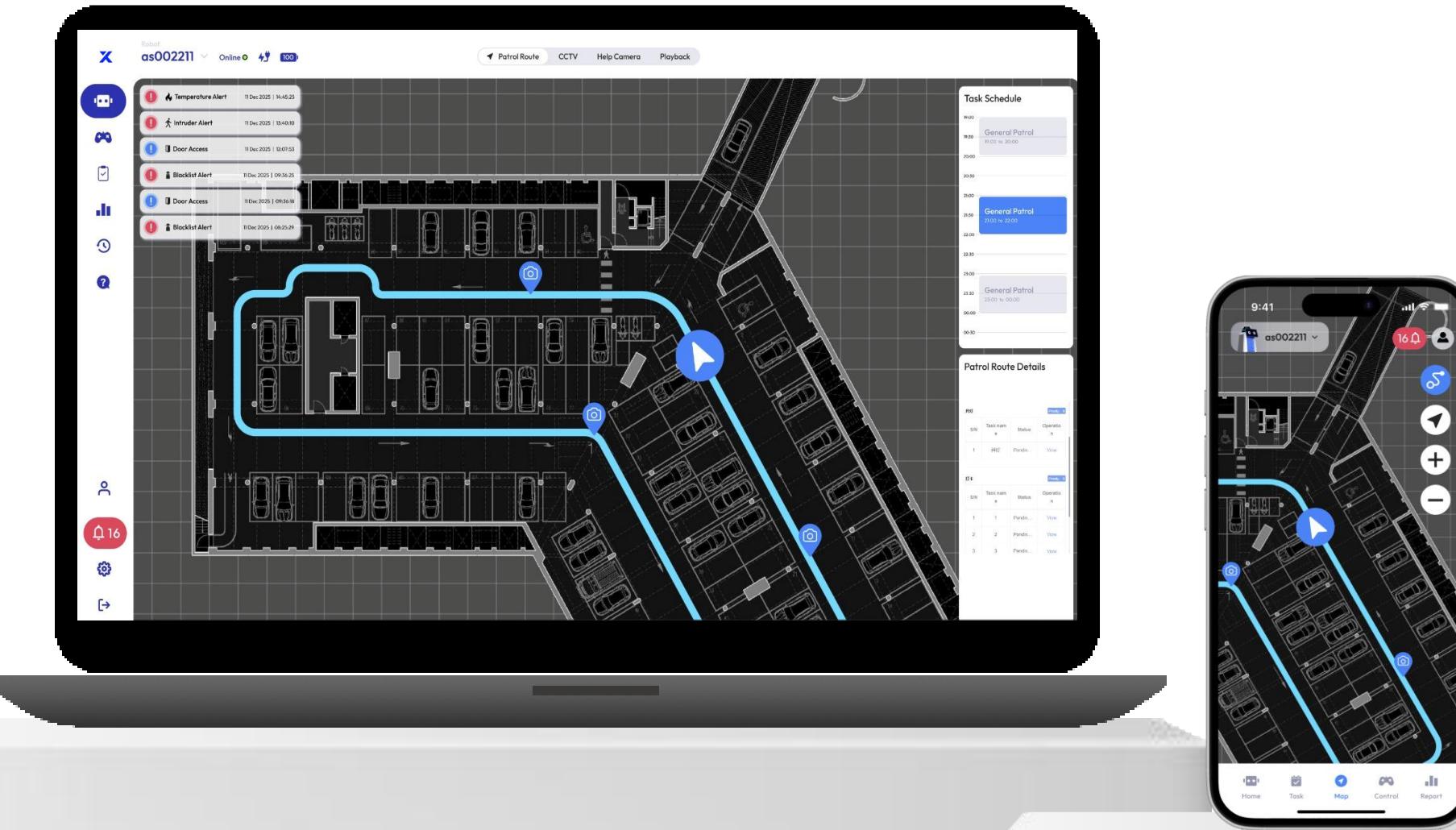




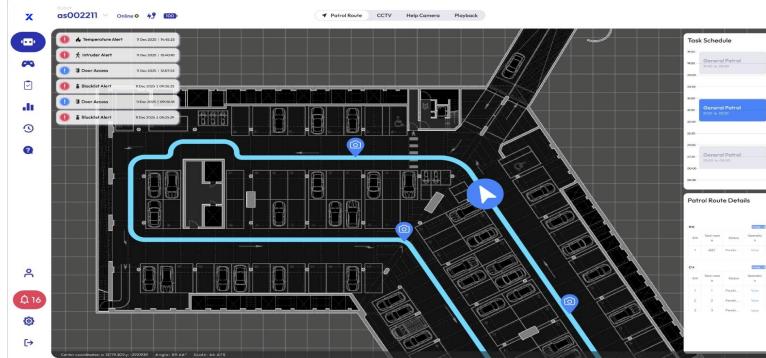
AI ABILITIES



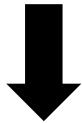
PLATFORM



PLATFORM



PATROL TASK MANAGEMENT



Proprietary Mapping System
Editing Tool | Multi Map | Routing



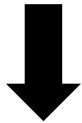
VIDEO AI RECOGNITION AND MONITORING



Task Based Intelligent Cockpit
Task Mgmt | E-Patrol | Fleet Mgmt



DATA LOGGING AND ANALYTICS



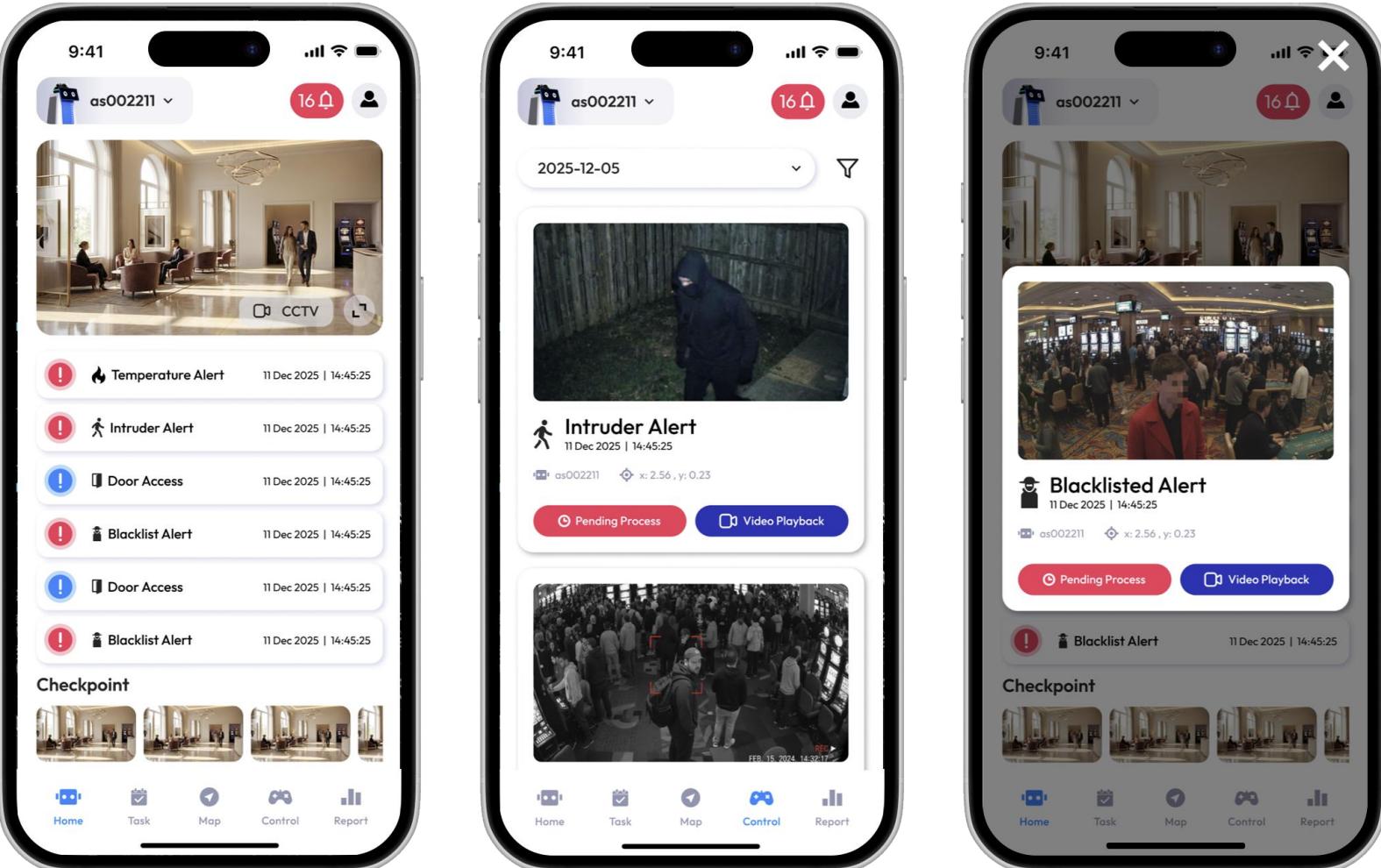
Adaptive Scenario Mgmt
Scenario | Decision Policy | Self Execution

- **Enable Efficient Deployment and Large Scale Unmanned Operations**

MOBILE PLATFORM

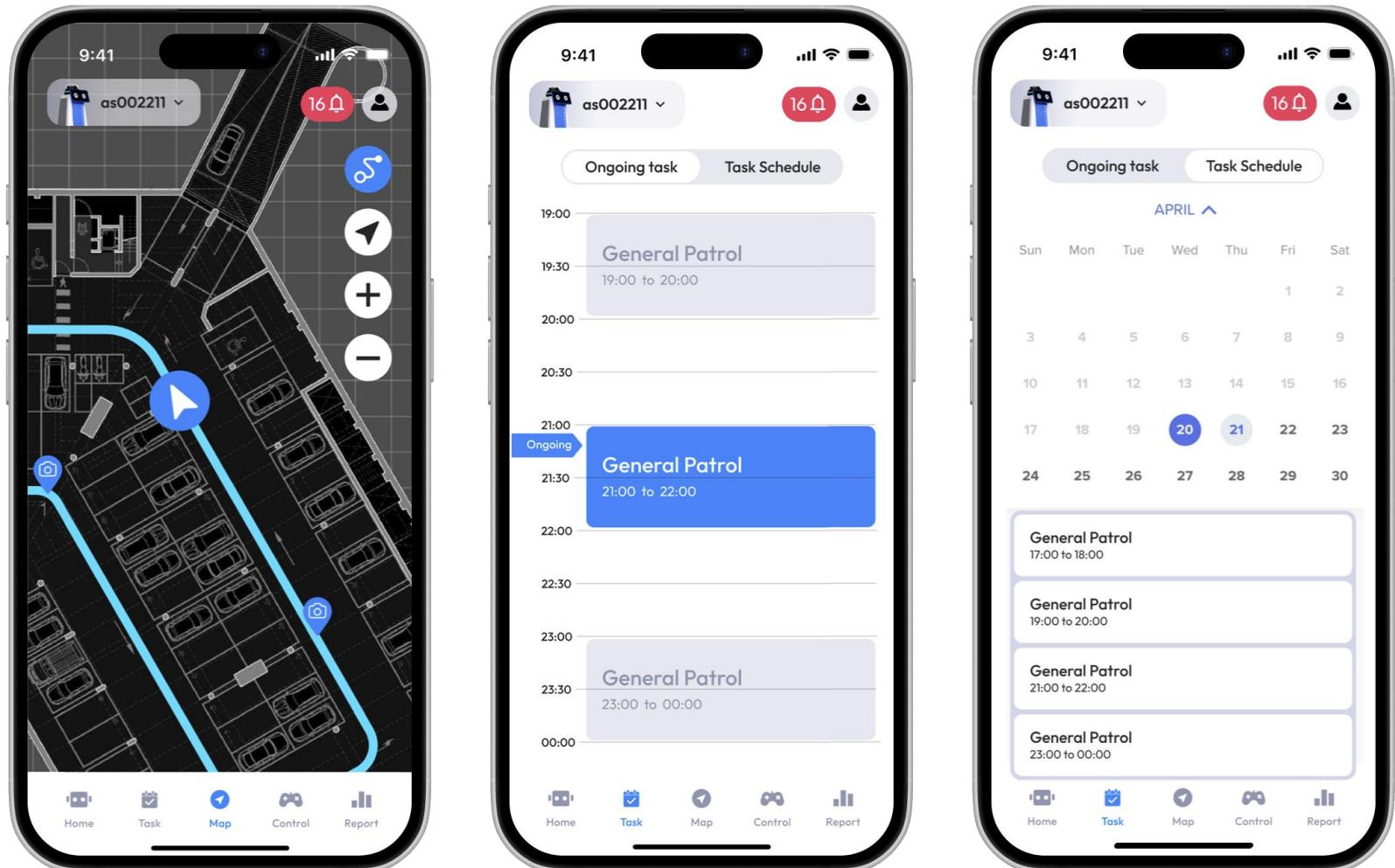
MOBILE PHONE FRIENDLY INTERFACE

- Real-time monitoring
- Rapid alert of different events e.g. intruder, temperature, blacklist alerts...
- Video playback



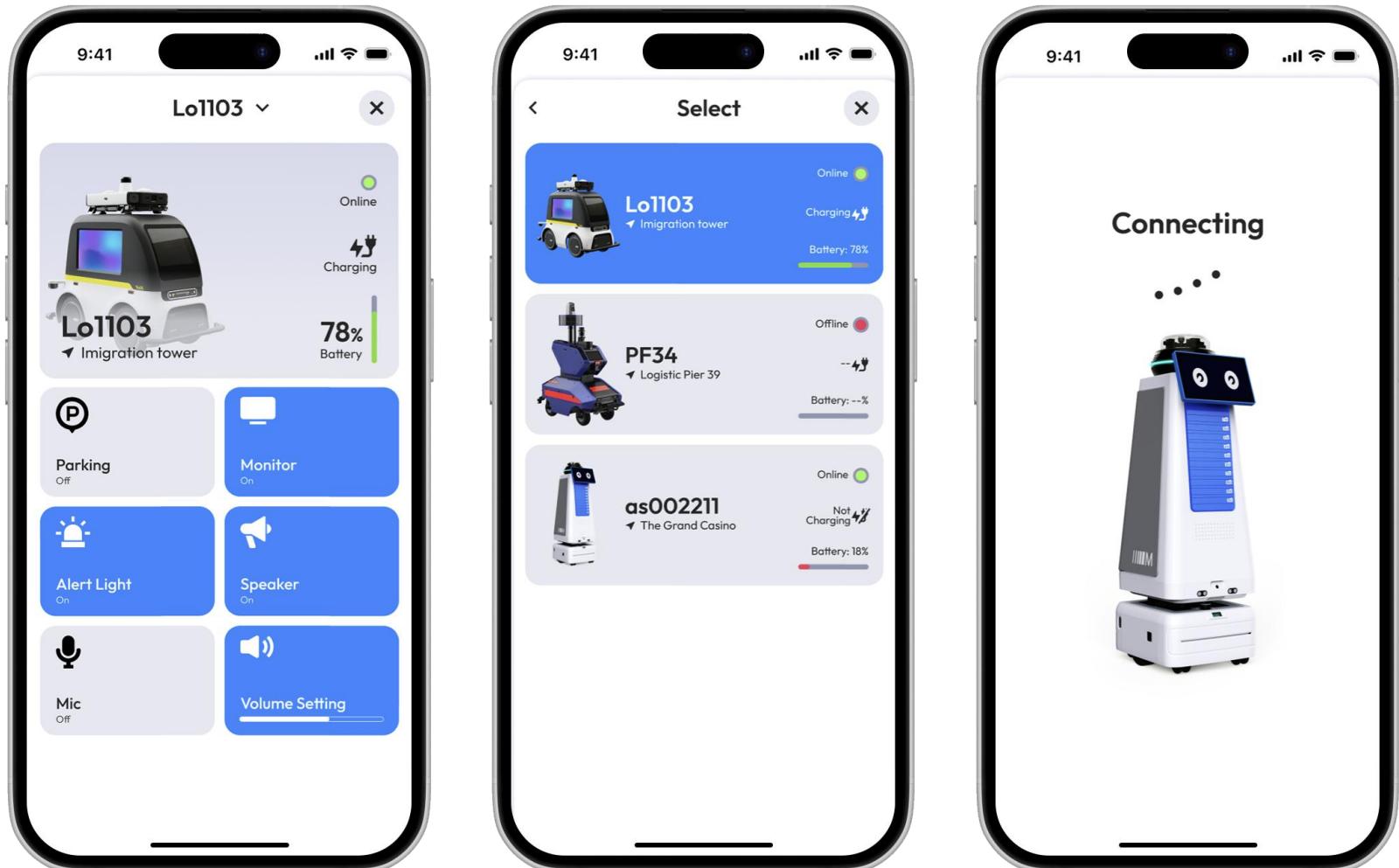
MOBILE PLATFORM

- **Real-time display of robot location**
- **View ongoing task and task schedule**



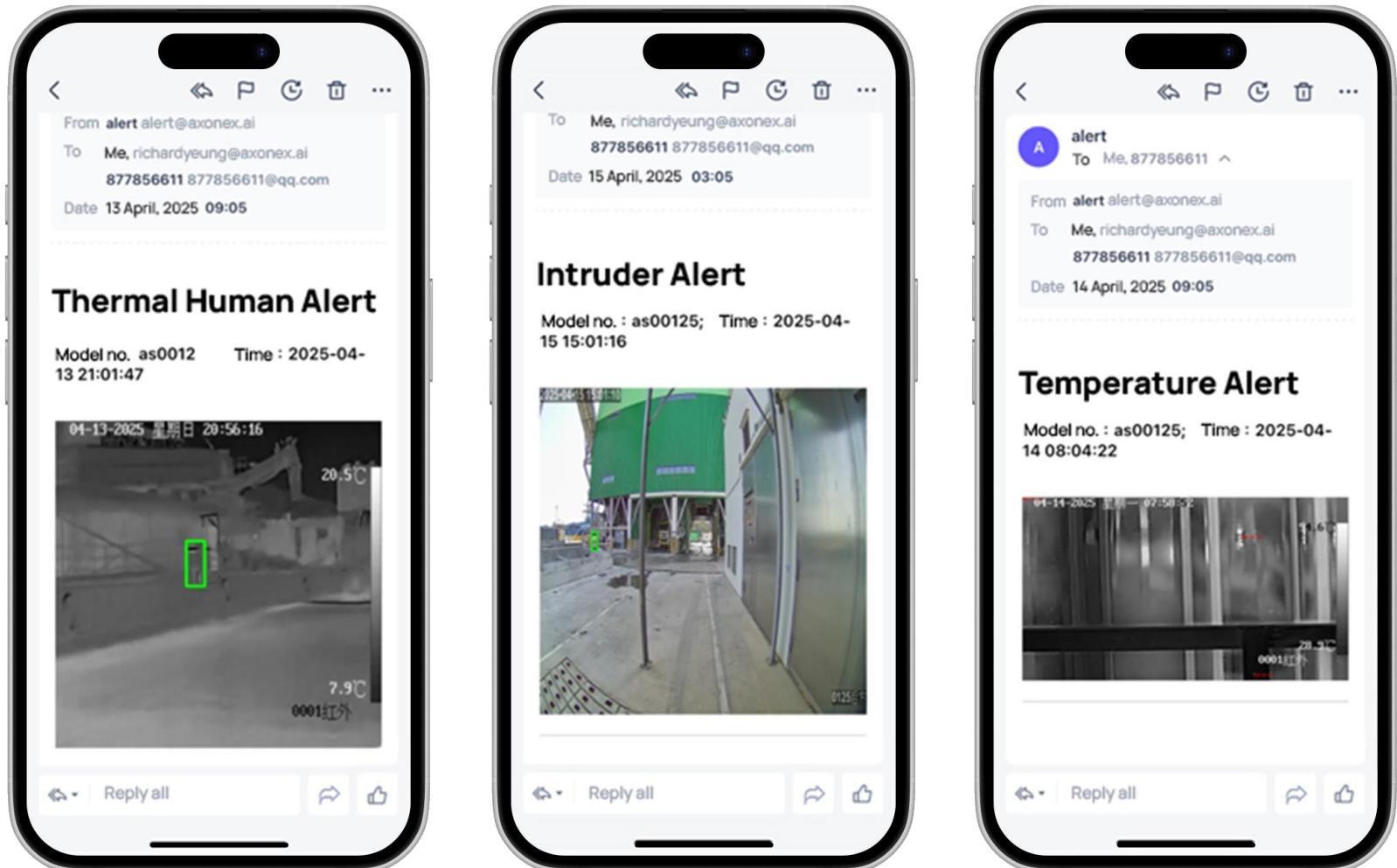
MOBILE PLATFORM

- **Robot status display**
- **Robot list dashboard**
- **Quickly connect robots**



PLATFORM

- Instant email alert
- Within 3-5 mins
- Email notification push to administrator



SPECIFICATIONS – MODEL AX-9



Product Name	AX-9
Machine Dimensions	1700 x 600 mm
Total Degrees of Freedom	26
Single Arm Degrees of Freedom	7
Head Degrees of Freedom	2
Torso Degrees of Freedom	4
Base Degrees of Freedom	6
Arm Sensor Configuration	Wrist-mounted Depth Camera
Head Sensor Configuration	Head-mounted Depth Camera
Base Sensor Configuration	LiDAR + Depth Camera
Single Arm Length	75 cm
Single Arm Payload	5 kg
Arm Mounting Method	Side-mounted
End Effector	Suction Cup / Dexterous Hand
Vertical Workspace	0–2 m
Base Movement Speed	1.5 m/s
Computing Platform Configuration	NVIDIA Jetson AGX Orin 32GB

SPECIFICATIONS – MODEL R



Product Name	Delivery
Machine Dimensions	540 x 490 x 770 mm
Machine Weight	52kg
Tank capacity	20L
Finish	Matt white
Charging time	3 hours
Battery life	22 hours
Connectivity	4G, 5G, WiFi
Sensor	LiDAR, IR Sensor, Sonar
Storage size (W x D x H)	390 x 270 x 340 mm
Maximum load	30kg
Vapor coverage	/
Vaporisation rate	/

SPECIFICATIONS – M SERIES

			
Product Name	M2	M3	M4
Machine Dimensions	535 x 450 x 1320 mm	560 x 450 x 1400 mm	560 x 450 x 1400 mm
Machine Weight	100kg	150kg	120kg
Chassis steering structure	Two-wheel drive differential	Two-wheel drive differential	Two-wheel drive differential
Maximum speed	1.5m/s	1.5m/s	1.5m/s
Turning radius	Turn on the spot	Turn on the spot	Turn on the spot
Chassis ground clearance	40mm	40mm	40mm
Up and down slope	10%	10%	10%
Obstacle clearance height	20mm	20mm	20mm
Minimum passing width	600mm	600mm	600mm
Temperature	2cm 3°	2cm 3°	2cm 3°
Precise positioning accuracy	0°- 50°	0°- 50°	0°- 50°
Humidity	0 - 70%	0 - 70%	0 - 70%
Charging method	Autonomous charging	Autonomous charging	Autonomous charging
Top camera	1 piece, 4 million	1 piece, 4 million	1 piece, 4 million
Remote Driving Camera	/	1 piece, 2 million	/
Water accumulation recognition camera	1 piece, 2 million	1 piece, 2 million	1 piece, 2 million
Help Camera	1 piece, 4 million	1 piece, 4 million	1 piece, 4 million
Infrared camera	1 piece, dual light	1 piece, dual light	/
Ai Box	1 piece, 4 million	1 piece, 4 million	1 piece, 4 million
Lifting rod	1 set	1 set	1 set
Promotional interactive screen	7 inches, Android system	21 inches, 2 sets	14 inches, Android system
Help button	1 set	1 set	1 set
Amplifier speaker	1 set	1 set	1 set
Projector	/	/	1 set

SPECIFICATIONS – Model L & P SERIES

			
Product Name	P1	PF	L
Machine Dimensions	535 x 450 x 1320 mm	560 x 450 x 1400 mm	560 x 450 x 1400 mm
Machine Weight	200kg	200kg	350kg
Chassis	Four Wheel Steering	Four Wheel Steering	Ackermann Steering
Rated Load	50kg	50kg	100kg
Turning Radius	0m	0m	1.5m (Inner Circle)
Operating Speed	1.0-1.5m/s (Autonomous)	/	1.0-1.5m/s (Autonomous)
Max Speed	10%	10%	2m/s
Max Op Slope	18°	18°	20°
Obstacle Height	100mm	100mm	100mm
Operating Time	>6-8h (Fully Charged)	>6-8h (Fully Charged)	>6-8h (Fully Charged)
Suspension	Independent McPherson	Independent McPherson	Independent McPherson
Connectivity	5G WIFI 6. Cloud	5G WIFI 6. Cloud	5G WIFI 6. Cloud
Infrared Camera	/	1piece, dual light	/
Projector	1set	/	/
Promotional Interactive Screen	1set	1set	/
Robotic Arm	1set	/	/
Automatic Lifting Rod	1set	1set	/
Help button	1set	1set	1set

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