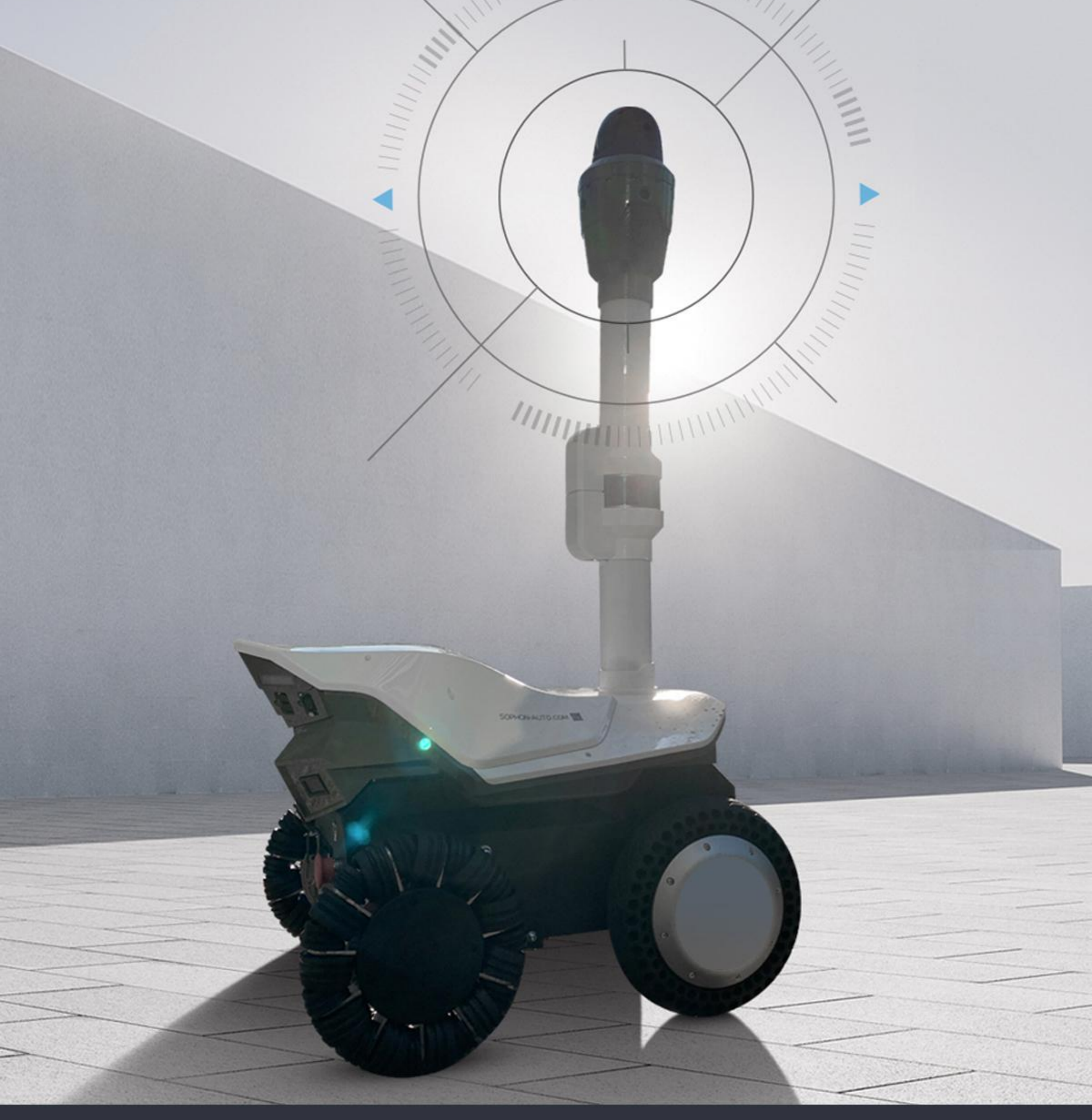


Security Patrol Robot

Autonomous patrolling and real-time information reporting in all scenes inside and outside the park

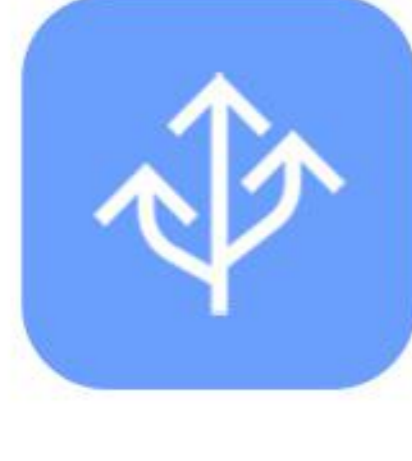


SOPHON Pangu Unmanned System



Centimetre-level High accuracy positioning

Independently developed SLAM algorithm integrates a variety of sensors (lidar, camera, millimeter wave radar, GPS, etc.), so that the automatic driving positioning error is less than 10cm.



Kilometer-level Global path planning

Independently developed global path planning tool, which can cover all kinds of indoor and outdoor scenes in the park, and plan the robot to cruise along the designated route and start and stop at specific positions.



Millimeter-level Autonomous obstacle avoidance

In the automatic driving, the robot constantly locates and analyzes the obstacles, and corrects the route in time to ensure the efficiency of the operation

Modular, Customized product function



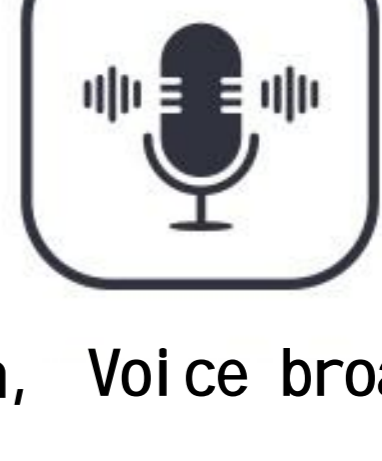
Face, mask, body temperature recognition



Voice recognition



License plate recognition, parking timing



Voice broadcast



Infrastructure, damage detection



Line safety detection



Infrared thermal imaging detection



Visible light detection



Humidity, harmful gas detection



Noise analysis

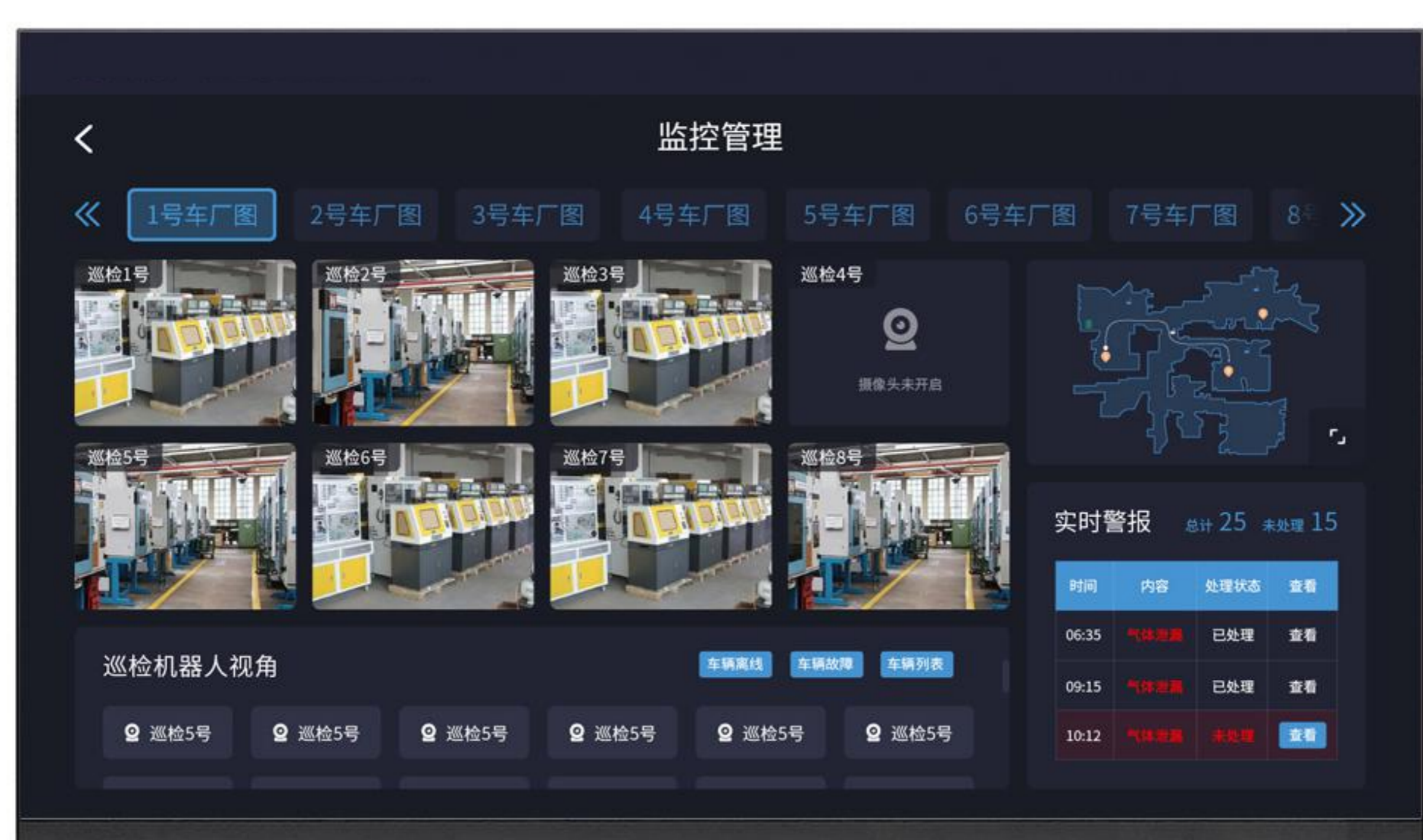


Switch and indicator identification



More...

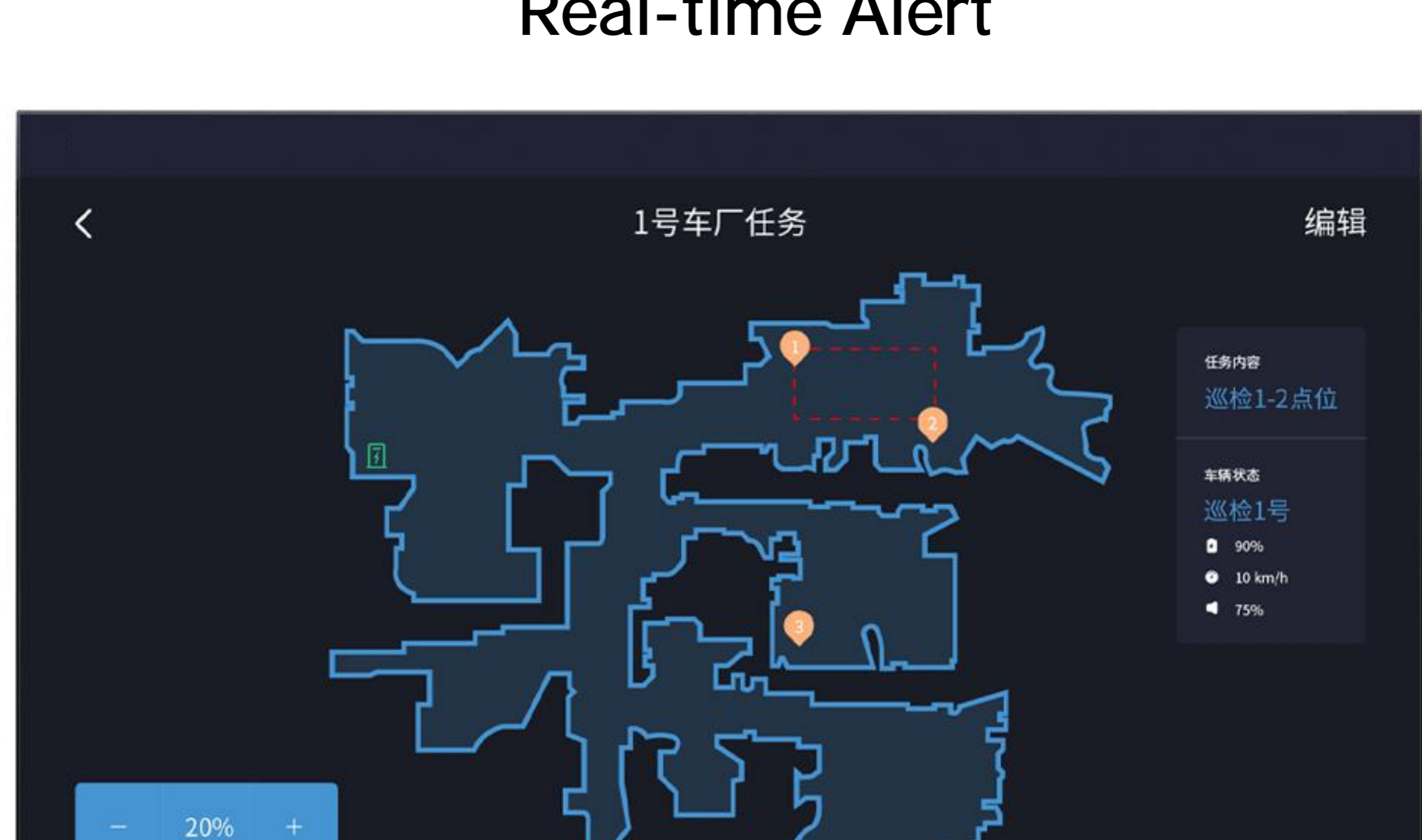
Cloud Management Platform



Monitoring Center



Real-time Alert

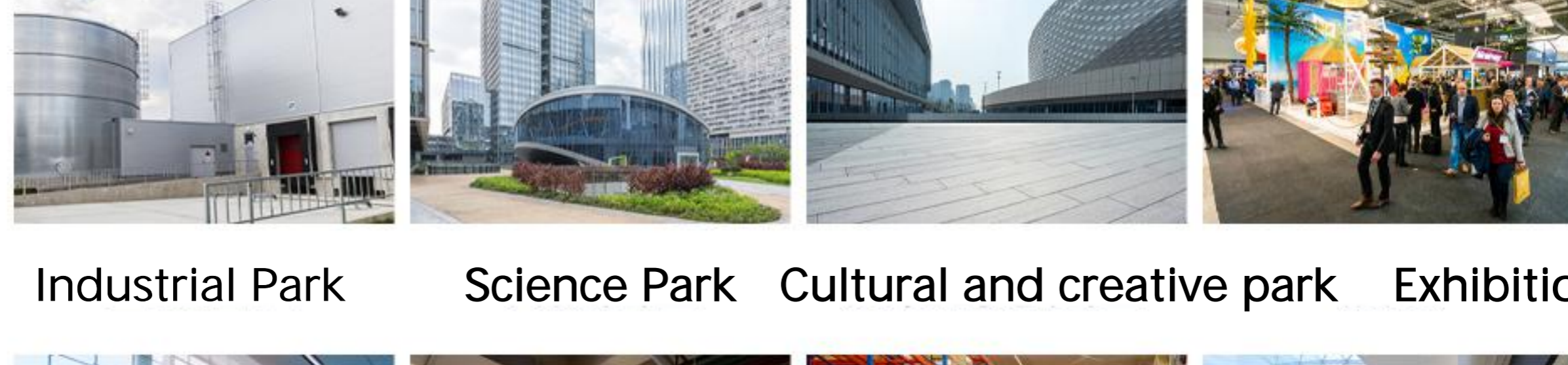


Robot Task Map



Robot Remote Control

Application Scenarios



Industrial Park

Science Park

Cultural and creative park

Exhibition



Airport

Parking Lot

Warehouse

Shopping mall



Hospital

Park

Campus

Office Building

Hardware Configuration



PTZ Camera

Camera

Interactive Screen



Anti-drop module

Microphone

Loudspeaker

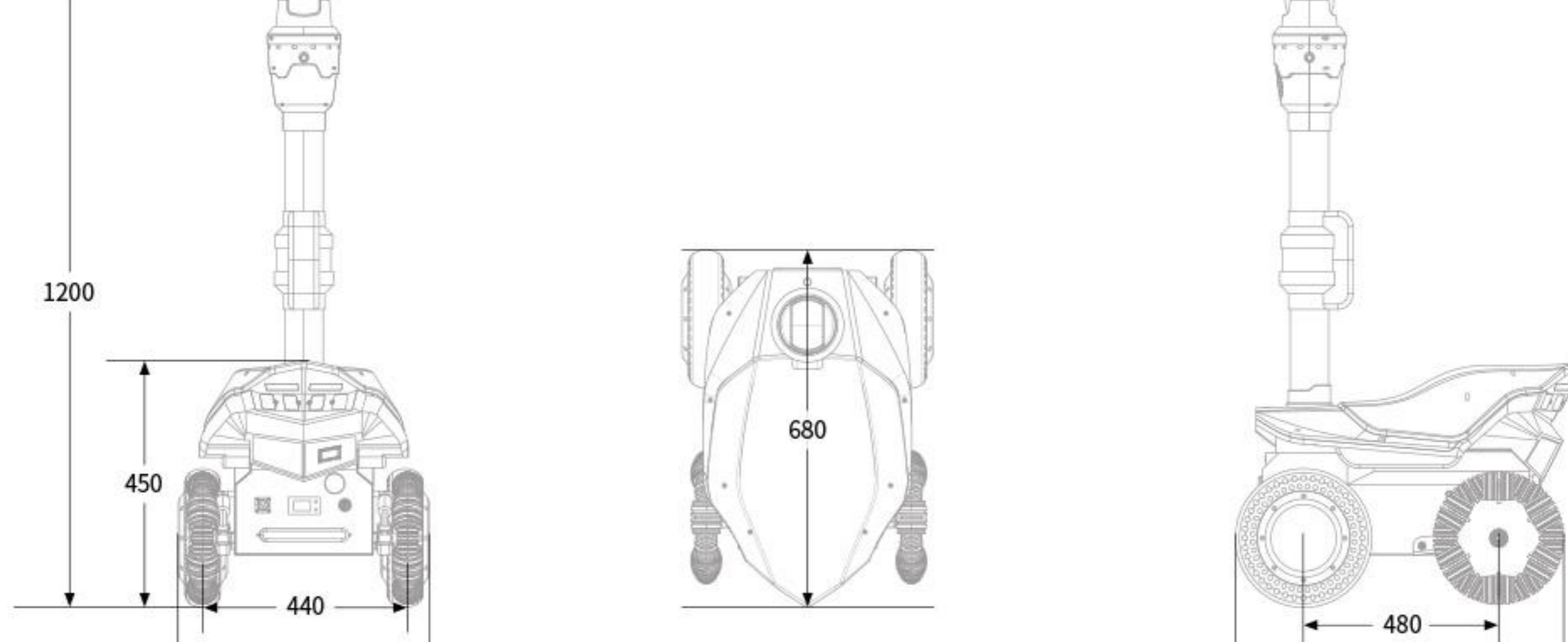


laser radar

Debugging panel

Self-developed McNamm Wheel (easy to handle complex road conditions)

Product Size



All measurements are in "millimeters". The dimensions are for reference only. The appearance configuration depends on the actual products sold.