

OUTDOOR SECURITY ROBOT SMP S5.2



Proactive Surveillance

Our robotic solutions are designed to optimize multilevel perimeter patrolling, seamlessly integrate with existing security systems, manage batteries efficiently, and enable real-time data exchange for rapid anomaly detection, perimeter breach alerts, and trespassing incident responses.

Outdoor Performance

Crafted for Rugged Outdoor Security, SMP Robotics' robots deliver unwavering, all-environment, intelligent security empowered by cutting-edge AI capabilities, presenting an all-inclusive, turnkey solution. They tirelessly operate 24/7, in any climate, on every road surface, and across a variety of terrains.

Adaptable Platform

Engineered for effortless integration and full compatibility with widely-used security systems, including Visual Management Systems, Alarm Systems, Messaging Services, Voice Communication Platforms, and Onvif-compatible command centers. Our solutions also facilitate easy network integration for a seamless security infrastructure.

Autonomous Navigation

The proprietary navigation system developed by SMP Robotics is a state-of-the-art, multi-level AI-powered solution that leverages three distinct and independent systems. An array of sensors is employed to ensure the safety of both the robot and individuals, enhancing the Collision and Obstacle Avoidance system to perfection

Teamwork Patrolling

Tailored for seamless collaboration within teams of up to 30 robots, effortlessly operating in synergy. Our robots boast the remarkable ability to memorize routes, harmoniously collaborate, maintain perfect spacing, and seamlessly exchange vital information among themselves.

SMART SECURITY ROBOT
ARGUS 2023
S5.2-IR-IS AND S5.3-IR-IS

SMART SECURITY ROBOT
PICARD 2023
S5.2-PTZ-IS



**Empowering The
Future Of Security**

**Embark on a visionary journey into
the future of security robotics!**

Easy Deployment at the Client's Site

- 24/7 Virtual Robot's Health Monitoring
- 3 Year Initial Warranty
- Complete Online Training



OBSTACLE AVOIDANCE

AI-POWERED

INTRUDER RECOGNITION



SMP ROBOTICS ADVANCED TECHNOLOGY CHART

SMP SECURITY ROBOT FEATURES

- Fully Autonomous Patrolling Day and Night 24/7
- Daylight and Night (Thermal) vision
- AI-Powered multi-robot security system. Group Patrolling, Data Exchange, and Threat Recognition
- Swarm intelligence in team robot patrolling of sizable perimeters
- 6 Panoramic video surveillance cameras with 360 views
- Day and night PTZ camera with 32 zoom. Intruder trucking system from 600 feet away
- Wi-Fi MESH Networks Capability
- Intelligent security through identification of employee personal, license plates, and uniform recognition
- Intelligent security: Recognition of staff members by face and uniforms
- Obstacle avoidance and anti-collision system
- Overcome obstacles up to 6 inches high
- Cloud data integration capabilities
- Full VMS (visual management systems such as Milestone, Genetec, Lenel, Avigilon, Eagle Eye Networks, etc.) integration
- ONVIF compliant
- High cross-application capability
- High Ingress Protection rating for outdoor applications
- Self-diagnostic system (AI Powered Self-Healing Systems)
- Two-way audio intercom. High sensitivity microphone
- Operates 24/7 in a wide variety of terrains, (snow, sand, gravel, grass, puddles, metal grates, mud, and small debris are not a problem and under any weather conditions (rain, snow, fog, gusty wind, or hail) The robots can work on any pavement and off-road
- Operating temperature ranges from -35° C (-31 F) to 55° C (+131 F) without direct solar radiation
- High obstacle detector
- Rear obstacle avoidance visual system
- Additional Light for dark area operation. Infrared lighting
- Up to 12 hours of autonomous patrolling
- Up to 2 hours of autonomous recharging
- Multi-route movement scheduler
- Unlimited number of routes
- Ability to schedule switch between routes to make robots less predictable
- Automatic recharging system
- IP65 rating for waterproof and dust resistance
- Comes with on-site deployment and installation service
- 24/7 virtual remote monitoring of robots
- Support, Maintenance, Staff Consultation, and Training

