



RPV20 - Autonomy Logistic & Patrol Robot: Autonomous Patrol Vehicle for Safer, Smarter Operations



Smart Autonomous Patrol for Secure, Efficient Site Operations

Meet 7StarLake's [RPV20](#), a Level 5 Autonomous Robotic Patrol Vehicle engineered for secure factories and campuses. Powered by high-performance Intel® hardware and optimized with Intel® oneAPI and OpenVINO™ toolkits, RPV20 delivers real-time AI inference and robust autonomy for mission-critical operations. It performs low-latency, high-precision tasks such as last-mile delivery, site inspection, and incident response—enhancing safety and operational efficiency. Equipped with advanced sensors and a scalable computing unit, RPV20 navigates complex environments with intelligence and agility. Its open architecture supports full control either on-premises or via secure cloud, offering flexibility for diverse deployment scenarios. By seamlessly integrating AI and autonomy, RPV20 transforms traditional patrol and logistics workflows into smarter, faster, and more secure processes.

Key Features



Local
Compute AI



Accelerated
Vision
Inference



Unified AI
Integration



Rugged,
Low-Latency
Operation

Intel Products & Technology



[Intel® Core™ Processors](#)

[OpenVINO](#)

[OpenVINO™ Toolkit](#)



[Intel® oneAPI Toolkit](#)

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