



Smarter Parking Automation Powered by Intel® AI Technologies

HawKeye 2.0

HawKeye 2.0 by JAAN Innovations is an AI-driven, edge-intelligent smart parking platform with real-time vehicle detection, automated access control, and dynamic capacity management in high-traffic environments.

Built on Intel® Core™ Ultra processors and optimized with the OpenVINO™ Toolkit, HawKeye 2.0 showcases how Intel's AI-accelerated CPU architecture enables scalable, multi-stream computer vision workloads—without reliance on discrete GPUs.

Leveraging existing IP cameras as intelligent sensors, advanced AI algorithms, and an API-first open platform architecture, HawKeye 2.0 integrates easily with existing infrastructure to:

- Automate entry/exit using AI-powered ANPR
- Track real-time bay occupancy
- Guide drivers to nearest available space
- Actionable insights and centralized dashboard

With edge-based AI inference, HawKeye 2.0 ensures low-latency decision-making—even in bandwidth-constrained or intermittent network environments—while maintaining high performance and reliability at scale.



Key Intel-Enabled Features



Faster AI
Inference



24 HD Streams /
Node



High-Load
Stability

Accelerate Business Transformation with Optimized, Ready-to-Deploy, Intel-Powered AI Partner Solution

- **Edge-Native Autonomy:** 24/7 mission-critical spacial analytics and autonomous decisions enabled by accelerated Intel AI inference at the edge.
- **API-First Integration:** Open, hardware-agnostic architecture supports enterprise telemetry sync and scalable pipelines using Intel® CPU concurrency
- **Lower TCO:** Eliminates discrete GPUs by consolidating complex vision workloads onto integrated Intel® GPU and NPU acceleration.

Intel Products and Technologies

- [Intel® Core™ Ultra Processors](#)
- [OpenVINO™ Toolkit](#)

Notices & Disclaimers:

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AI-Enabled Mobility Platform for Smart Urban Parking

Ordering Guidance:

- [Hawkeye 2.0 | Contact JAAN Innovations](#)

Geo: North America | EMEA | APAC

Verticals: Hospitals, Hotels, Corporate Offices, Airports, Parking Operations, Smart Cities

Use Cases: Real-time Vehicle Guidance; Revenue Optimization, Streamline Operations; Security; Enterprise

Learn more:

- [JAAN Innovations | HawKeye Website](#)