ten sparrows × intel

Edge AI ALPR for Proactive Public Safety

Edge AI Automated License Plate Reader (ALPR) Platform

Image generated by AI

Privacy-first edge AI turns traffic video into ***real-time, actionable safety intelligence.***

The Edge AI Automated License Plate Reader (ALPR) Platform delivers real-time, actionable intelligence for municipalities and public safety agencies by transforming raw video into trusted vehicle insights at the point of capture.

Deployed on rugged edge systems powered by Intel® Xeon® 6 processors, the platform uses computer vision, YOLO models, and OCR optimized with the OpenVINO™ toolkit and Geti™ to achieve 95%+ daytime accuracy and sub-2ms latency[1]. By processing data locally, it enables immediate alerts, faster investigations, and privacy-by-design compliance through encryption, tokenization, and strict audit controls.

Iolaire.ai's scalable micro–data center architecture powered by Ten Sparrows reduces backhaul costs, supports integration with law-enforcement systems, and continuously adapts to changing conditions—helping cities move from reactive monitoring to proactive public safety.

intel ai
Intel® AI Edge Applications

Key Intel-Enabled Features

- Real-Time Edge Inference
- Privacy-by-Design ALPR
- Secure AI Edge Platform
- Policy-Driven Data Access

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

- Intel® Xeon® 6 processors power scalable AI inference at the traffic edge.
- OpenVINO™ optimizes YOLO and OCR pipelines for efficient AI execution.
- Geti™ streamlines model training, tuning, and deployment workflows.
- Local processing helps deliver faster alerts to responders.

IOLAIRE.AI

Intel Products and Technologies

- Intel® Xeon® processors
- OpenVINO™ toolkit
- Geti™

Ordering Guidance: Contact Us

Country/Geo: US/Canada

Edge Verticals: Video Safety & Critical Infrastructure; Places of Worship; Transportation; Manufacturing & Robotics; Retail; Health & Life Sciences; Education

Edge Use Cases: Video Analytics; Smart Parking; Smart Tolling; Traffic Flow Optimization; Hazard Detection; Crowd & Event Monitoring; Anomaly Detection; Digital Campus; Image Analysis

Learn more:

- Ten Sparrows Website

[1] Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.