

AI Machine Vision Inspection for Manufacturing

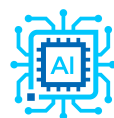
OVX Machine Vision Inspection Platform

Overview AI's OVX Inspection Platform delivers AI machine vision on the production line, pairing automated visual inspection with real-time defect detection. Combining computer vision, generative AI, and deep learning, OVX trains production-ready models in under an hour from minimal image data, and Defect Creator Studio speeds deployment through synthetic defect generation.

The platform spans OVX High Res for 65 MP visible-light detail, OVX Thermal for thermal and infrared inspection, and OVX Core for GigE Vision-compatible cameras. Running on an edge architecture powered by 13th Gen Intel® Core™ processors and leveraging the OpenVINO™ toolkit for AI inference optimization, OVX strengthens visual quality control while keeping production data on premises, reducing scrap, rework, and inspection costs.



Key Intel-Enabled Features



Faster AI
Insights



Rapid Model
Setup



Secure
Edge AI



Thermal &
Visible AI

- [OpenVINO™ toolkit](#) helps accelerate AI inference for real-time defect detection and production decision-making.
- Built on [Intel® Core™ processors](#), OVX trains inspection models from minimal images to speed deployment.
- On-device processing keeps manufacturing data local and protected, with no cloud dependency.
- Intel® Core™ processor performance supports automated visual inspection across thermal, high-resolution, and GigE cameras.

By leveraging Intel® technologies, OVX Inspection Platform by Overview AI brings automated visual inspection to manufacturers, improving defect detection accuracy, reducing inspection costs, and accelerating visual quality control.

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*OVX Inspection Platform by Overview AI delivers AI machine vision inspection that **improves quality and manufacturing efficiency.***

Ordering Guidance:

- [Request a Demo](#)

Country/Geo: Worldwide

Edge Verticals: Manufacturing & Energy

Edge Use Cases: Quality Control; Operational Efficiency; Anomaly Detection; Quality Inspection; Process Optimization; Operational Diagnostics

Learn more:

- [Overview AI Website](#)