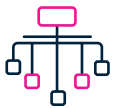




aiAURA SmartEye

Vision AI Simplified

Image
Classification



Object
Detection



Object
Tracking



3D Image
Reconstruction



Semantic Image
Segmentation



Businesses in the modern era focus on visual perception to organize, identify, and interpret images in a specified environment. For a long time, organizations utilized human vision to decipher images and fix issues. But it had its limitations.

Intelligent visual perception augments human capabilities and is being widely promoted in different industrial fields. AI-enabled computer vision has become an essential tool to deliver value in visual analysis for businesses such as product surface defect detection, intelligent agricultural production, intelligent driving, image synthesis, and event reconstruction. Computer vision has a set of pre-defined AI models built on machine learning and deep learning capabilities. These models are embedded on edge devices and enable systems to identify, classify and analyze objects in real-time and sort them according to their attributes.

aiAURA SmartEye is an AI-enabled platform that helps to build, deploy, run and monitor Computer Vision applications on edge devices and understand images with enhanced accuracy. It provides businesses with a workspace on edge and enables low-code model development, device management, deployment infrastructure, and analytics monitoring. The platform also supports post-production device performance monitoring and contains feedback loops to ensure accuracy improvements over time.

KEY FEATURES

- Effortless Setup
- Business Process Integration
- Precise Analysis
- Visual Search & Training
- Highly Scalable
- Edge & Cloud Analytics
- Cloud & Hardware Agnostic
- ZERO-Short Learning

Leverage aiAURA SmartEye for



Workforce Operations

Monitor progress and have clear visibility of employee's workday.



Quality Inspection

Detect manufacturing defects with precise and confident classification.



Asset Tracking

Auto-detect assets and improve efficiency.



Object Counting

Automated counting of objects on conveyor belts.



Safety & Compliance

Accurately detect and flag all unsafe behaviors or safety hazards.



Monitor Construction

Monitors every detail of an ongoing construction project through visual data.



Analyze Medical Images

Aids healthcare professionals with medical imaging diagnosis, surgery, and health monitoring.

Reap Unlimited Benefits and Business Values Like Never Before

- Faster Time to Result
- High Quality Process Automation
- Real-Time Quality Assurance
- Zero Defects in Production Line
- Reduction in Operational Costs
- Instant visual replay to review errors
- Real-time visibility into day-to-day operations and increase accuracy by **99%**
- Maintain **100%** optimal use of all areas and equipment
- Optimize operational expenses and reduce costly on-site visits or excess physical resources
- Ensure a safe and secure environment through continuous monitoring and automated flagging



Aurasuite.ai is an enterprise AI ecosystem, offering several ready-to-use solutions and products to help businesses leverage valuable insights from their data for innovation and growth.



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The art of thinking data

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