KamerAI

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Productivity AI

KamerAI connects to existing CCTV cameras in manufacturing floors and warehouses and leverages the video data to improve line productivity and quality with real time alerts, Kaizen reports meeting the best of industrial engineering standards, Ergonomic analysis Solution delivered on the Edge without compromising data security.

Dashboard

Ergonomics Report

Benefits

- Detect quality issues real time as parts are getting manufactured, assembled or packed
- AI Assisted Kaizen Initiatives - Detect and Eliminate unnecessary repetitive processes, rework
- Process optimization - Improve cycle times, productivity, Line Balancing Ergonomic assessment
- AI Assisted Industrial Engineering

Kaizen Reports

Features

- Cycle Time Analysis/ Kaizen Reports to find the time taken and steps to complete a process
- Alignment: Monitor the alignment of heavy machinery, parts, product stacks
- Ergonomic Analysis to identify risky postures and movements that might not be evident to the human eye
- Time Keeping with Facial Recognition removing hassles of biometric scanning, access cards or tailgating

Safety AI

KamerAI connects to existing CCTV cameras in manufacturing floors, warehouses, yards etc and leverages the video data to monitor and report safety incidents real time. Transition workplace health and safety programs from reactive to proactive using real-time risk detection.

Suspended Loads

MHE Speed Check

Near Miss

Features

- MHE Violation
- Alerts & Notifications
- Ergonomics
- KPI Tracking
- PPE Detection
- Visual Analytics
- Area Control
- Unattended Objects
- Real time safety rules Deployment by user

Benefits

- Safe workplace environment and 24/7 Audit, Multiple real time alert options
- Video Evidence , Document trail
- Data Driven Insurance
- Safety rules that can be applied to each camera separately in the UI Application by the client
- OSHA Compliance Improvement

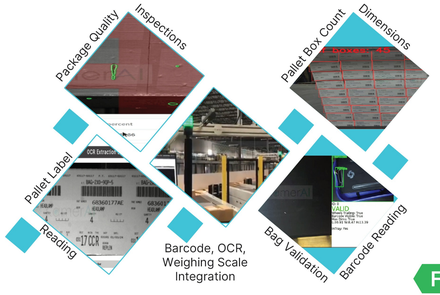
Area Control

Blocked Path Way

Unattended Objects

Inspection AI

KamerAI's Inspection AI bridges the gaps between quality, efficiency, and profitability by identifying the defects and anomalies, inventory management and minimizing overall cost.



Features

- 24/7 Real time processing system with high accuracy and timely reporting
- **Enhanced Efficiency:** Improve efficiency in operations and increase productivity of the operators
- **Cost Reduction:** Minimizes costs through improved accuracy and reduced error rates
- **Improved Accuracy:** Effectively identifies defects and anomalies, ensuring higher quality standards.
- Increase customer satisfaction in baggage delivery on time
- Accurate picking of packages by humans and Robotic arm
- Real time assessment of load quality and Reduction in damage of items during transit

Benefits

- **Object Dimensioning, Counting:** Automatically capture accurate dimensions of parcels and count
- **Barcode Scanning:** Extract and analyze barcodes from visual data using artificial neural network technology
- **Automation of Inspection:** To detect anomalies and defects
- **Optical Character Recognition:** Automatically detect alphabets, numbers, shapes and code from visual data