

AUTOMATED OPTICAL INSPECTION (AOI) SOLUTION



The ADLINK automated optical inspection (AOI) solution is built with an Intel CPU, Intel GPUs, and ADLINK AI models that are optimized by OpenVINO toolkit. The solution provides highly accurate visual inference at scale to reduce overhead costs of quality assurance in manufacturing.

Challenges

- The crucial need for expertise in ML, computer vision, and data analysis is often lacking due to AI's complexity
- The need for real-time image processing places a strain on infrastructure, impeding AI AOI
- The scarcity of AI, ML, and computer vision experts leads to project delays

Solutions

- MVP-5200 Compact Modular Industrial Computers with MXM expansion function module
- MVP-6200 12/13th Gen Intel® Core™ i9/ i7/ i5/ i3 Expandable Fanless Computers
- MXM-AXe MXM 3.1 Type A based on Intel® Arc™ GPU
- Intel OpenVINO™ toolkit

Result

- Diverse AI Applications: ADLINK's platform with MXM expansion function module supports various AI applications in manufacturing

- Improved Worker Safety: It helps monitor worker safety and compliance with safety protocols
- Future-Ready Manufacturing: This approach is crucial for future manufacturing, enhancing efficiency and profitability



For full product
info and datasheet
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Adlink

Adlink's mission is to affect positive change in society and industry by connecting people, places and assets with artificial intelligence; we do this through the delivery of leading edge, robust and reliable hardware and software solutions that d

