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AI Gateway for Quality Inspection

AI is complex. Deploying AI shouldn't be.

Pleora's AI Gateway simplifies the deployment of advanced machine learning capabilities to improve the reliability and lower the cost of visual quality inspections. Designed to work with existing inspection hardware and software, the embedded platform integrates plug-in vision inspection AI skills, a user-friendly approach to integrate custom capabilities, a powerful NVIDIA GPU to accelerate the development of more advanced machine learning and computer vision algorithms.

Smarter Inspection

Easily employ machine learning and AI to reduce costly inspection errors, false positives, and secondary screenings that waste human resources and slow processes.

Preserve Investments

Upgrade existing cameras, software, and vision algorithms while deploying AI image processing capabilities.

"No Code" Plug-in AI Skills

Deploy AI skills without any additional programming — built-in AI classification, sorting, and defect detection and powerful processing to add advanced machine learning capabilities.

Scalable for Industry 4.0

Upload custom image processing and AI algorithms written in Python and let Pleora OS — built on eBUS SDK — handle the rest.

GEN-CAM GIG-E USB



Machine Learning AI Reduces Inspection Costs

Pleora's AI Gateway helps organizations quickly realize the business benefits of AI to improve the reliability and lower the cost of visual quality inspection, without costly, time-consuming algorithm development. Designed to work with existing hardware and software, the embedded platform integrates plug-in inspection and hyperspectral AI skills, a user-friendly "no code" approach to training, and a powerful NVIDIA GPU to accelerate the development of more advanced machine learning and computer vision algorithms.

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