AINavi-AOI-Industrial

AI AOI Pre-trained Models and Software



Features

- Supports multiple AI inspection algorithms
- Visualized web model training interface
- Model fine-tuning and retraining
- Images dataset management system and labeling tools
- AI model management system
- Bulk testing reports for trained models
- Supports Windows and Linux
- Enables remote training
- Scalable AI computing infrastructure, supports multiple models and test items
- Royalty-free and Subscription (dongle free version) you can choose

Introduction

AINavi-AOI-Industrial is an AI model training software powered by Spingence. It is designed for use in automated optical inspection (AOI) applications and automated manufacturing. AINavi-AOI-Industrial software provides an easy graphical user interface that enables the quick application of AI in AOI applications. This software chooses the most suitable AI algorithm base for testing times and items. AINavi-AOI-Industrial comprises the following AI pre-trained models:

- Classification
- Object Detection
- Segmentation

An Industrial vision inspection software can fulfills all of your inspection needs with the following features:

- Data storage and index management system
- Data label and image pre-processing
- Model detection training and testing
- Detection engine deployment and update

Ordering Information

SW License

Part Number	Description
Y5A730A013-31	AINavi-AOI-Industrial Trainer, Advanced Level
Y5A730A014-31	AINavi-AOI-Industrial Inference, Advanced Level
Y5A730A011-31	AINavi-AOI-Industrial Trainer
Y5A730A012-31	AINavi-AOI-Industrial Inference
31AS33100001A1	AINavi-AOI-Industrial Trainer_Subscription (dongle free version)

Training platform

Part Number	Description
MIC-770 + MIC-75G20	Compact fanless System with 8th Gen Intel® Core™ i CPU. Win10, i7-8700, 16G, 256G SSD. NVIDIA 2080ti or above

Inferencing platforms

Part Number	Description
MIC-770 + MIC-75G20	Compact fanless System with 8th Gen Intel® Core™ i CPU. Win10, i7-8700, 16G, 256G SSD. NVIDIA 2080ti or above
MIC-730AI	AI Inference Fanless Compact System Based on NVIDIA® Jetson AGX Xavier™

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