

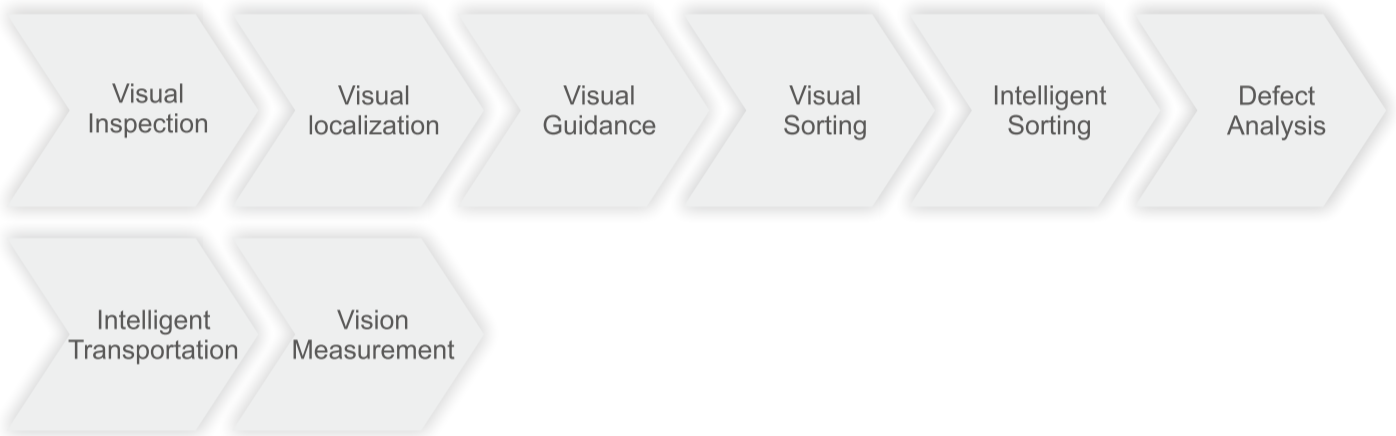


Product Introduction

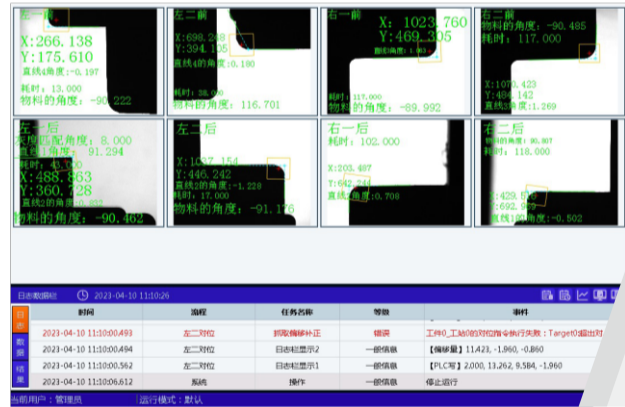
POMEAS 2D vision system is a general-purpose intelligent vision software based on X86/GPU platform, which integrates rich image processing tools and is widely used in industrial image positioning, measurement, defect detection, code reading, character recognition and other scenarios; it adopts drag-and-drop tool design architecture to configure on-site operations through simple add and delete actions, without professional image processing knowledge and on-site programming. No specialized image processing knowledge or on-site programming is required, making it easy to use, efficient, and cost-effective.

Abundant Application Scenarios	Drag-And-Drop Tool Design	Abundant Auxiliary Tools	Wide Range Of Equipment Access
Localization, measurement, defect detection, character recognition, robot guidance, deep learning inference/detection.	Easy to learn to use without programming or specialized knowledge of image processing.	Logic tools that make business scheduling more flexible; communication tools that make communication configuration easy to use.	Supports access to mainstream industrial cameras at home and abroad, and supports docking with mainstream robots/PLCs.

Product Applications



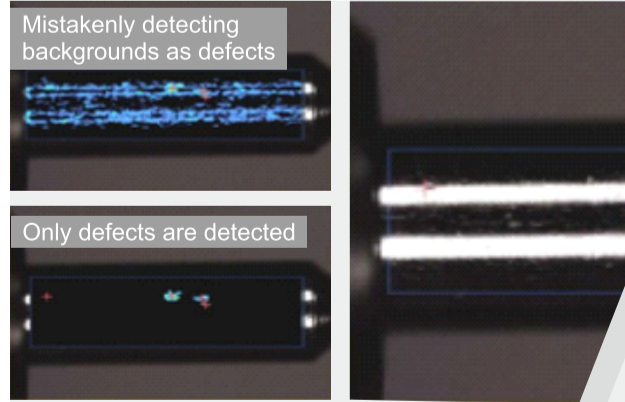
2D Vision System Solution Partial Case



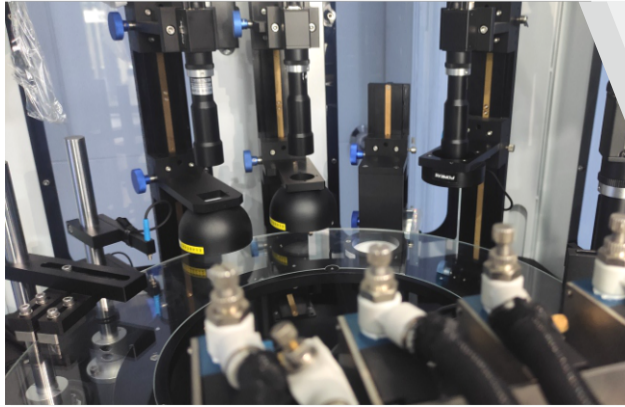
Cut & Stack Machine Positioning & Inspection
Line Scanning + 2D Proposed Solution
 Vision Inspection Accuracy: can detect defects larger than 0.2mm
 Missing Rate: 0%
 Overkill Rate: <0.5%
 Production Capacity: 200 pieces/min(<2000mm/s)
 Camera Photo Detection Time: ≤150ms



Die-Cutting Machine Lithium Battery Pole Piece
Line Scanning + 2D Proposed Solution
 Li-ion battery pole piece size inspection: size inspection of Li-ion battery pole piece, surface defect inspection, stacking positioning, stacking alignment detection



Soft Pack Battery Appearance Detection
Solutions
 Appearance Inspection Category: scratches, dents, bumps
 Detection Method: use defect tool + linear defect extraction, so that the detection is more stable; fine bumps and larger bumps can be stably detected.



Appearance Defect Detection Program
AI Deep Learning
 Advantages Of The Program: ♦ high speed motor
 ♦ control high speed sorting ♦ high speed imaging