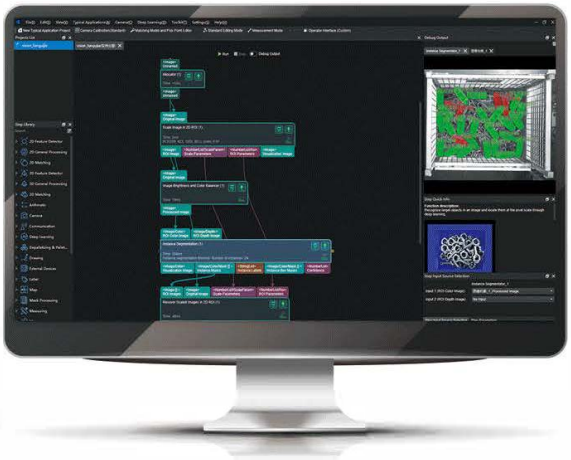
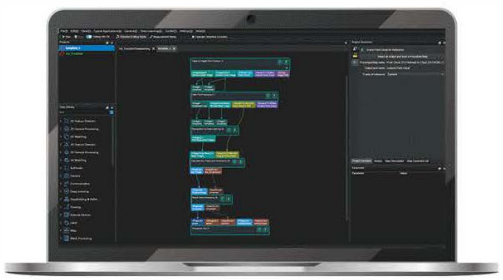
Mech-Vision Graphical Machine Vision Software



Easy to use | Powerful functions | Multi-languages

The new generation machine vision software can complete depalletizing, machine tending, registration-free order picking, gluing/spraying, precise locating, defect detection, size measurement, etc. through a code-free graphical interface. Built-in advanced algorithm modules such as 3D vision and deep learning can meet complex and diverse practical needs.

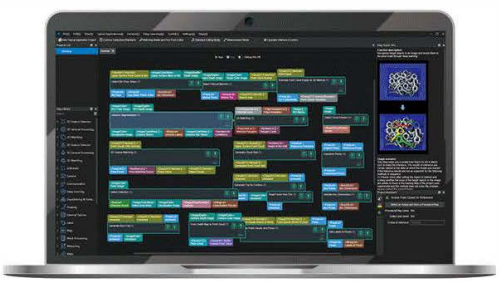


No-code programming

Graphical interface with no code, concise UI design, and clear-cut functional partitions. Professional programming skills are not required for users, and visual engineering construction can be realized only by 'adding algorithm module - configuring module parameters - connecting module wires'.

Various typical vision algorithms

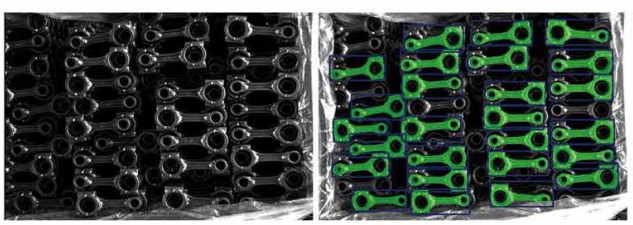
Contains plentiful vision algorithm modules (such as 3D general processing algorithm, 3D feature processing, 3D model creating and matching, deep learning, 2D general processing algorithm, 2D feature processing, 2D matching, pose adjusting, as well as special algorithms for trajectory and measurement, etc.), which can be applied to various typical actual scenes.



3D camera calibration

The software has built-in high-precision calibration tools for 3D camera, which can work with the robot to perform automatic calibrations of extrinsic parameters, intrinsic parameters and dual camera fusion.

AI vision algorithms can handle complex situations and achieve excellent recognition results.



Randomly-Piled Parts

Randomly-Piled Express Parcels