

A COMMON SOFTWARE PLATFORM FOR ALL YOUR VISION NEEDS

WIZER 2.0, our latest generation of the configurable machine vision software with its new features and enhancements and it offers an even higher degree of convenience for the user with increased productivity and efficiency in developing and deployment of machine vision applications.

A standard PC-based machine vision application, our new WIZER vision software is All-in-One software for developing machine vision applications quickly without any programming with optimum performance and reliability.



Features

- Offer many standard vision inspection tools set using Halcon Library like Image Acquisition, Calibration, Alignment, Measurement & Code Reader etc.
- Multi-images processing on multi-camera applications
- No prior programming needed to configure/deploy vision application
- Ability to build your own customized vision tools



Application Areas

- 1D/2D Traceability & Character Recognition
- Alignment & Robot Guidance
- Components Measurement
- Color Analysis
- Defect & Flaw Detection



Licensing Modules

- Complete Code Reader (CCR)
 - Barcode, 2D code & OCR
- Standard
 - Alignment & Metrology
- Complete Bundle

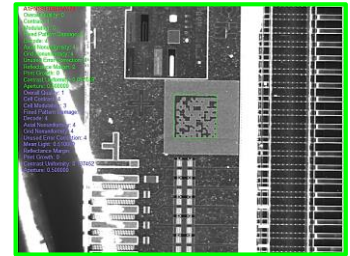


Vision Software for all Machine Vision Applications

WIZER 2.0 Software

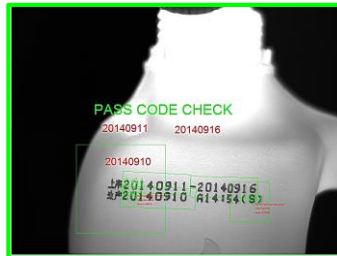
Barcode & Data Code Reading

All common barcode can read in any orientation and able to read ECC200, QR, Micro QR code of any sizes.



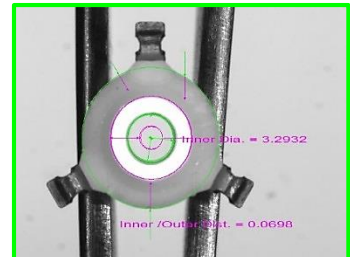
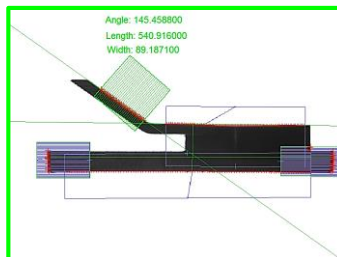
Optical Character Recognition

Able to achieve reliable, robust and accurate OCR result. With pretrained fonts including dot printed, industrial fonts semi fonts etc.



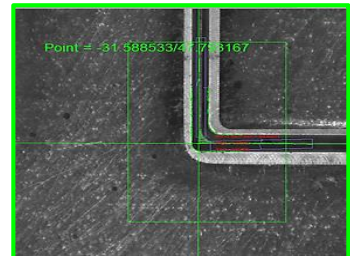
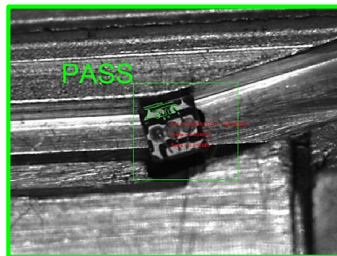
Measurement

Measure edges detected with powerful algorithms performing subpixel measurements to achieve high accuracy

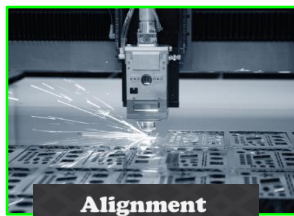


Alignment

Accurate subpixel Matching tools to find objects robustly & accurately even if they are rotated & scaled. And subpixel edge extraction along line/arc to meet high alignment accuracy.



Color Checking



Alignment



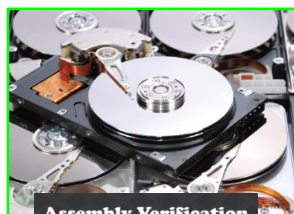
Defect Detection



Dimensional Gauging



Code Identification



Assembly Verification



OCR/OCV



Feature Presence