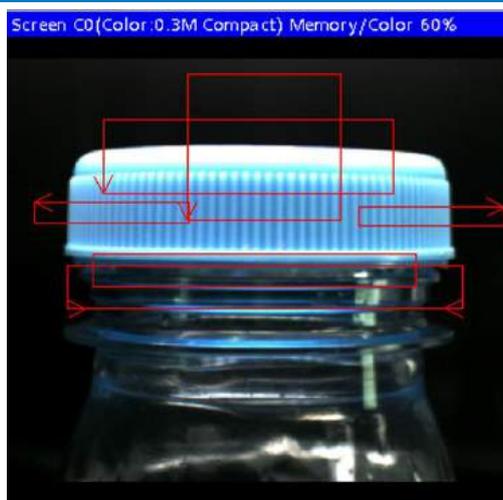# Abiz

Machine Vision, 3D Smart Sensor and AI Deep learning for Robotic and Factory Automation

www.abizsensor.com

02 2755475
info@abizsensor.com
Line: @abiz
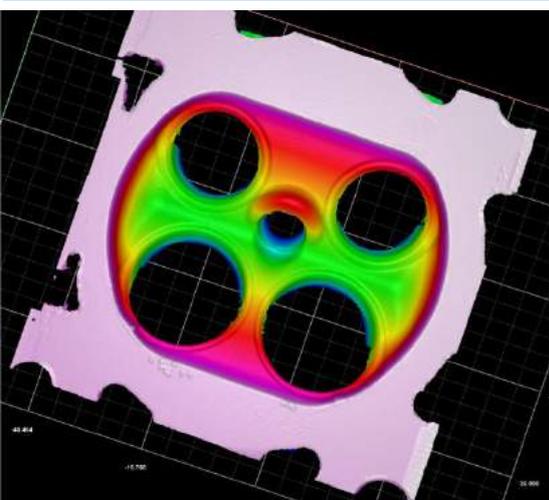
Abiz Technology develops and implements individual industrial image processing solutions as a system integrator since 2006 for automotive, food and beverage, pharmaceutical, packaging, electrical, and vision guide robotic. Our image processing systems contribute significantly to consistently high product quality, shorter cycle times, more flexibility in production and reliable traceability. In this way, we are keeping your production processes flowing smoothly in the context of the fully networked Industry 4.0.
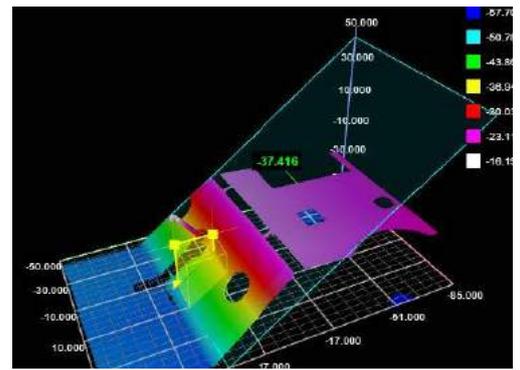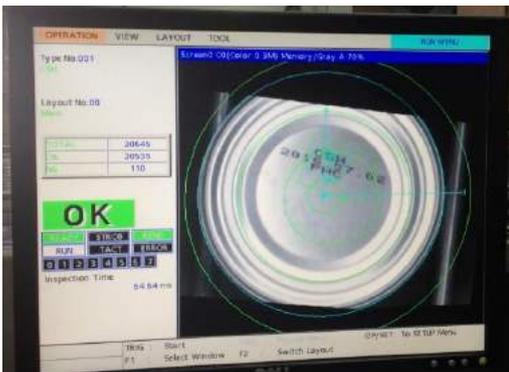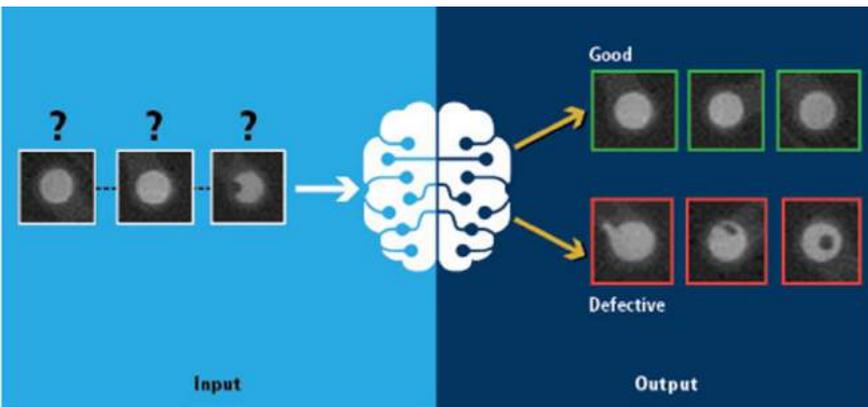

Vision System

Check presence/absence, detect defects, verify assembly, differentiate colors Differentiate closely related objects or features, read code sand print, sort objects based on size, color or other feature

Vision Guide Robotic

Locate, find randomly oriented features or object is 2D and 3D space, provide real-world coordinates for robotic or motion guidance

3D Vision

3D Smart sensor works with automation equipment and control systems to provide vision guidance robotic, 3D measurement, for factory automation applications.


AI Vision-deep learning

Deep learning algorithm has exceeded the limit of vision inspection. Any kind of vision check that has not been solved in the pass. Deep learning worth to try it again

Abiz

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We provide the most reliable machine vision system

Lighting

- Ring Light
- Bar Light
- Dome Light
- Coaxial Light
- Low angle Light

OPT® Machine Vision
CCS CREATING CUSTOMER SATISFACTION
VS TECHNOLOGY MACHINE VISION OPTICS
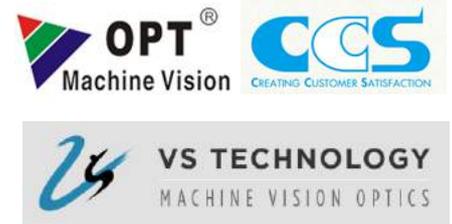
LENS

- CCTV Lens
- Macro Lens
- Telecentric Lens
- Zoom Lens

Lens

computar
TAMRON New eyes for industry
OPTO ENGINEERING

Vision System

- Vision Sensor
- Smart camera
- Embedded Vision

WIZER
Baumer
Panasonic ideas for life

3D Smart Sensor

- Laser Displacement
- Laser Triangulation
- Structured Light

Gocator
LMI TECHNOLOGIES
Gocator

Image Processing Software

- Machine Vision Software
- AI deep learning
- 3D Machine vision

WIZER
SCI

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EXP 12/16
READ THE CHARACTERS ON A CAN

Abiz

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We offer complete solution for many industries

Canning Food Container inspection

Pharmaceutical inspection
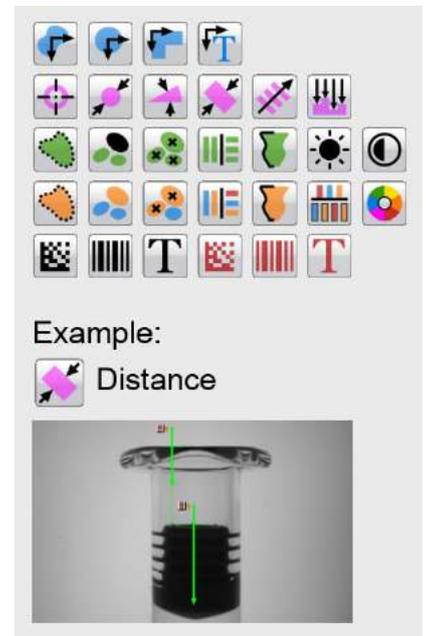
Bottling inspection

Tire inspection

Automotive Part inspection

Hard Disk Drive and Electronic

Please let us know what solution you looking for:

1. Vision system for replacement employees in the inspection work.

2. The camera system use for measure the workpiece in line.

3. Vision System Compatible with Robot

4. Vision system to read the letters.

5. Bar Code Reading System, Matrix code

6. Vision system for sorting workpieces.

7. Vision system for surface inspection.

8. Vision system for logistic monitoring

Example:

Distance