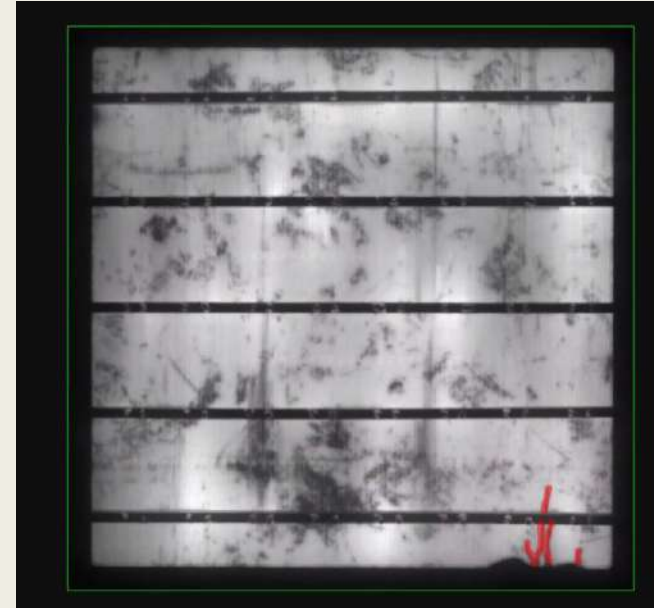


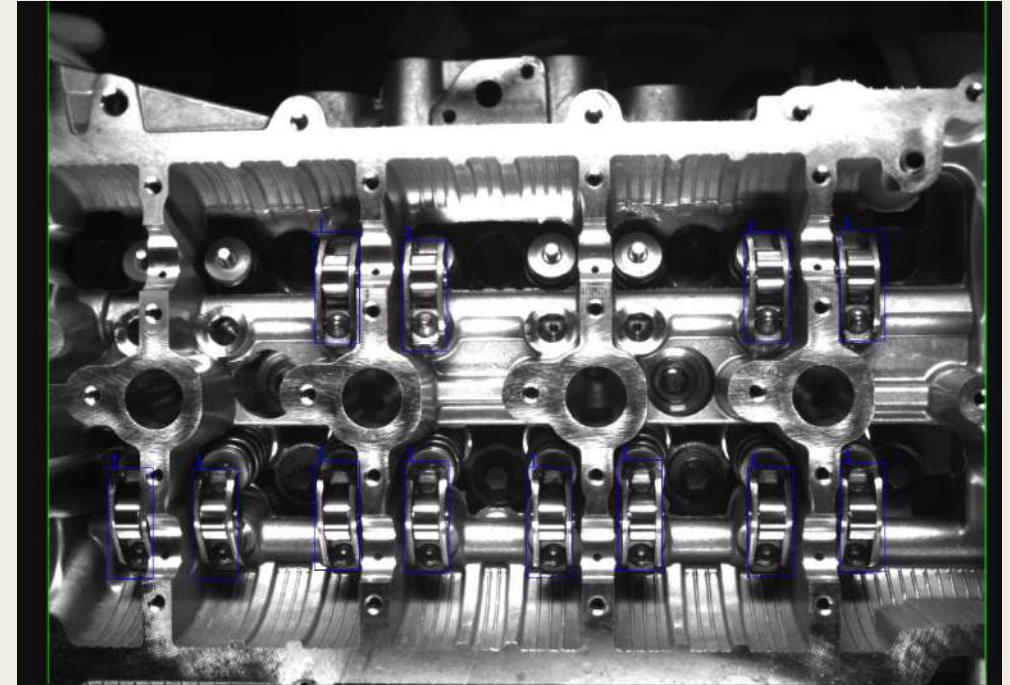
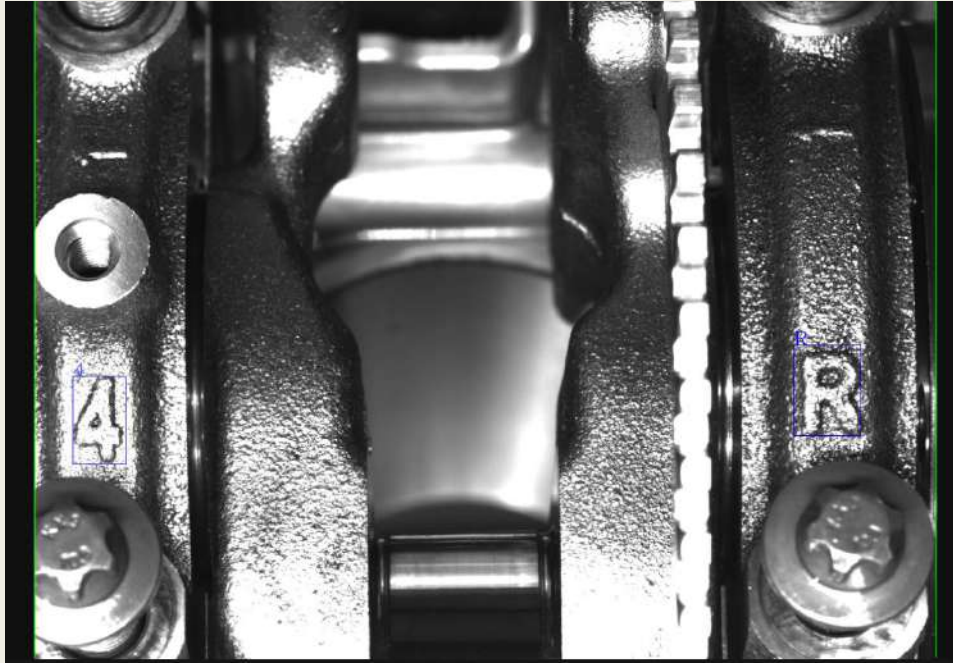
AIDITRON APPLICATIONS

Solar energy industry



- Inspecting solar panels:
 1. Use classification to reject big defects
 2. Use segment to find small cracks

vehicle industry



- 1.read OCR on vehicle parts
- 2.Inspect parts missing ((Location function, if can not find an object it's NG))

Railway industry

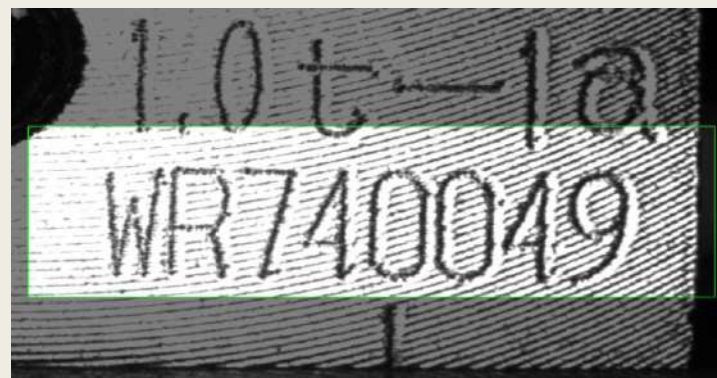
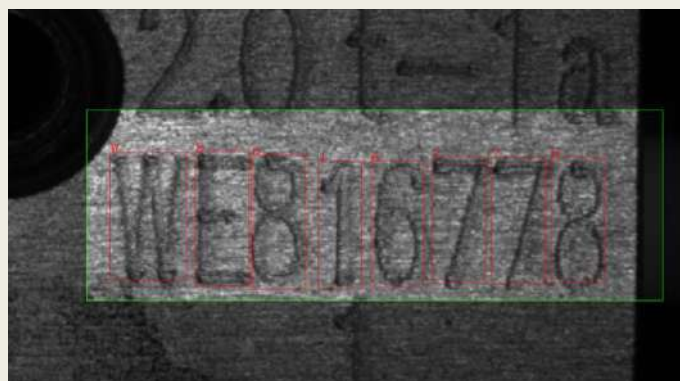
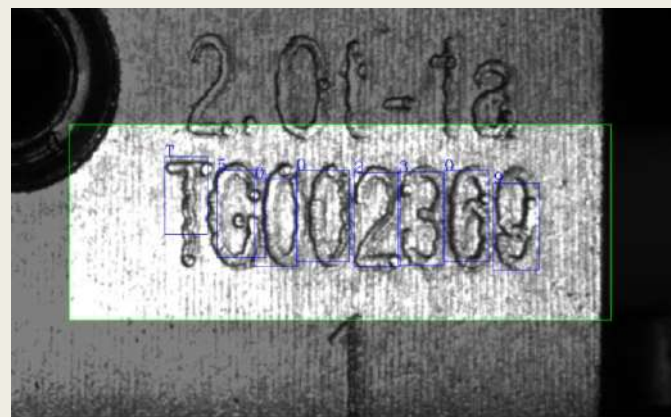


- 1. Inspecting carriage OCR (Location function)

2. Inspecting rail buckle (We can not show image due to secrecy agreements)

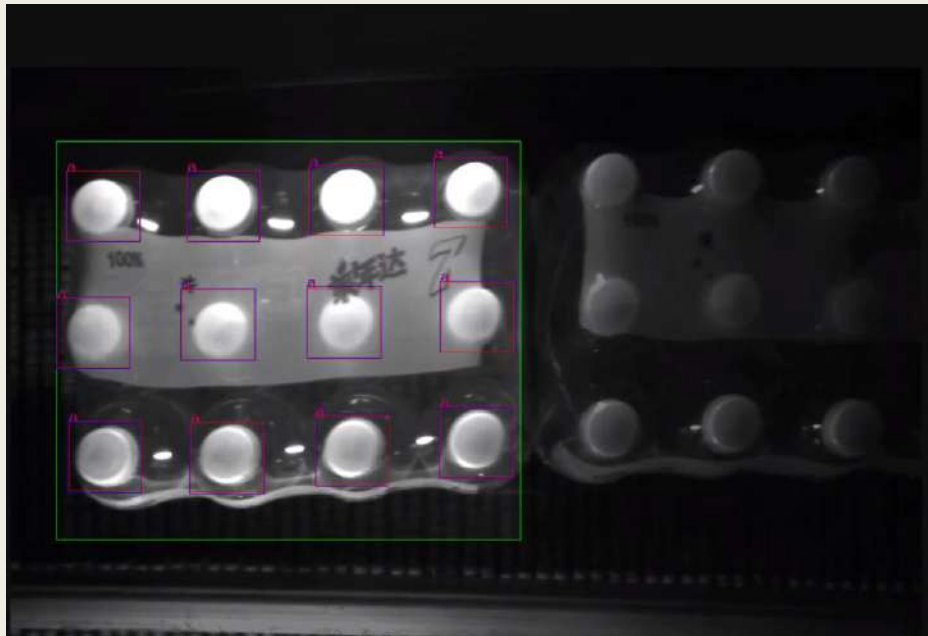
Use location function, if can not find an object it's NG, similar to vehicle parts in last PPT

Steal industry



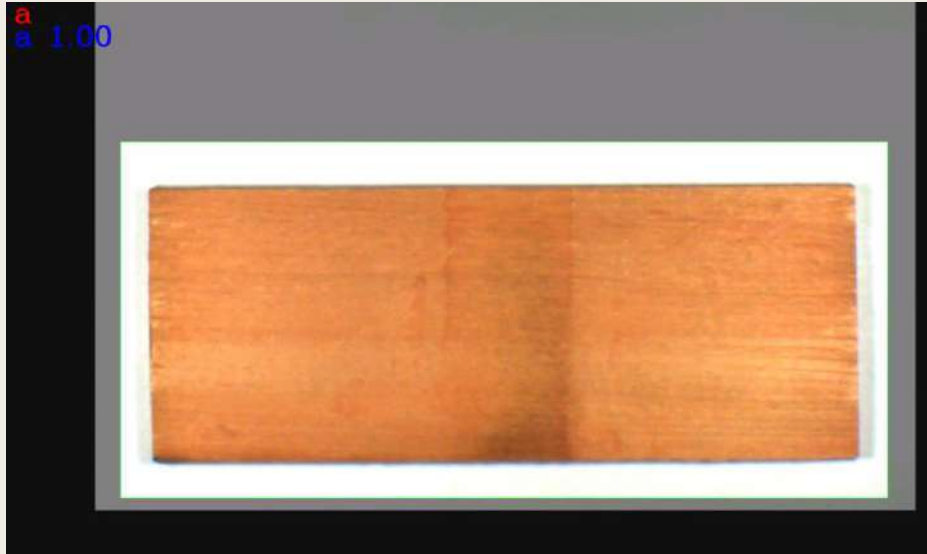
- 1.read OCR on different steal appearance

Drinks industry



- 1.count bottles (Location function)
- 2.Inspect appearance (Unsupervised inspecting, learn good sample to find NG sample, beta function in developing)

Wood industry



- Inspect floor/ pencil, etc
 1. Use classification to reject big defects
 2. Use segment to find small cracks

Garbage sorting



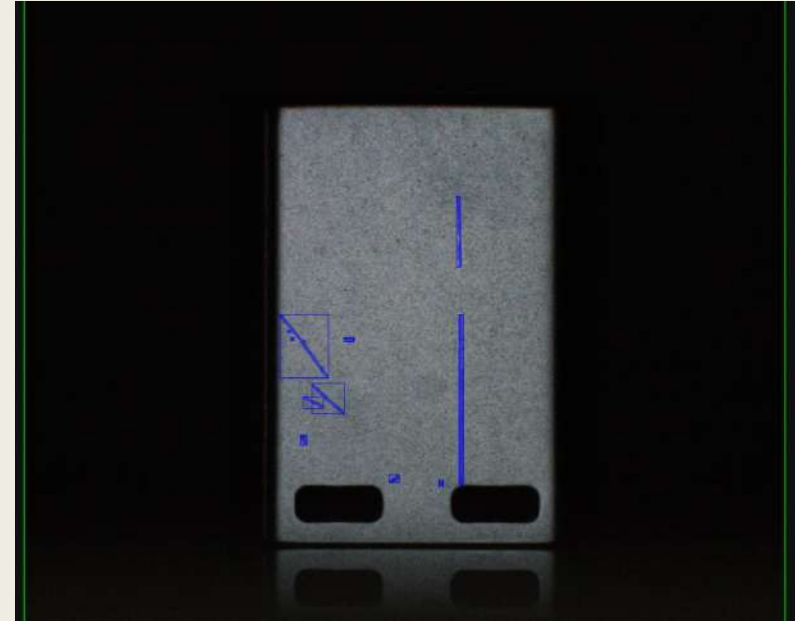
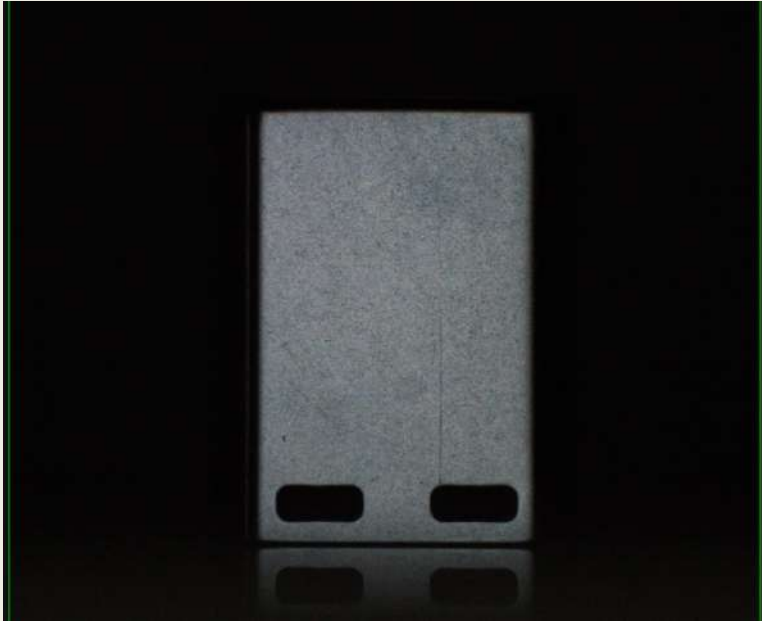
- Find plastic bags in food garbage (Segment function)

Tobacco industry



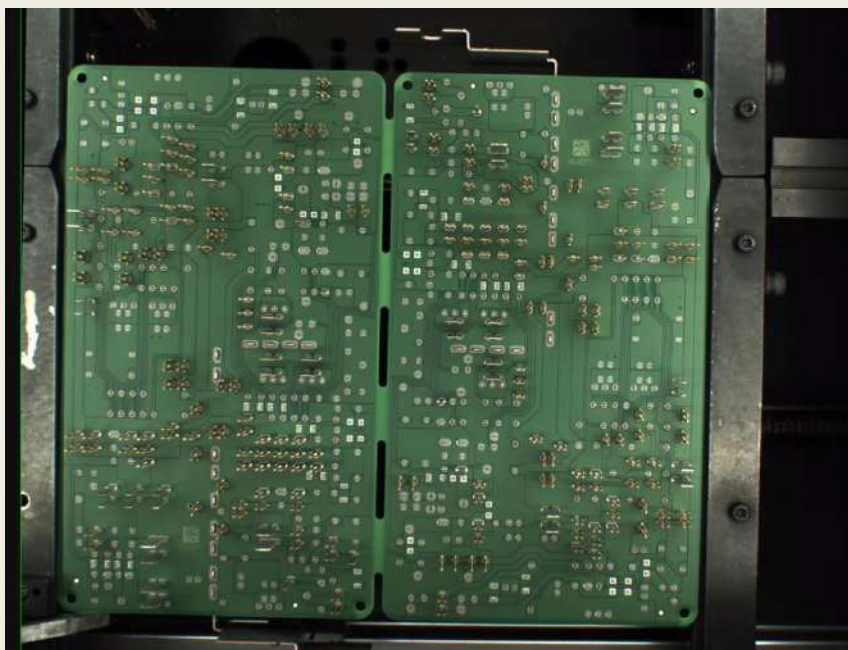
- Inspect cigarette
 1. Use classification to reject big defects
 2. Use segment to find small cracks

3C appearance inspection



- Inspect, TYPE-C connector
 1. Use classification to reject big defects
 2. Use segment to find small cracks

3C industry



- Inspect PCB/LED, etc
- PCB:
 1. Use classification to reject big defects
 2. Use segment to find small cracks



- LED:
 1. Use location to find good/NG
 2. Use classification to subdivision defects and to reject false detection

Logistics industry

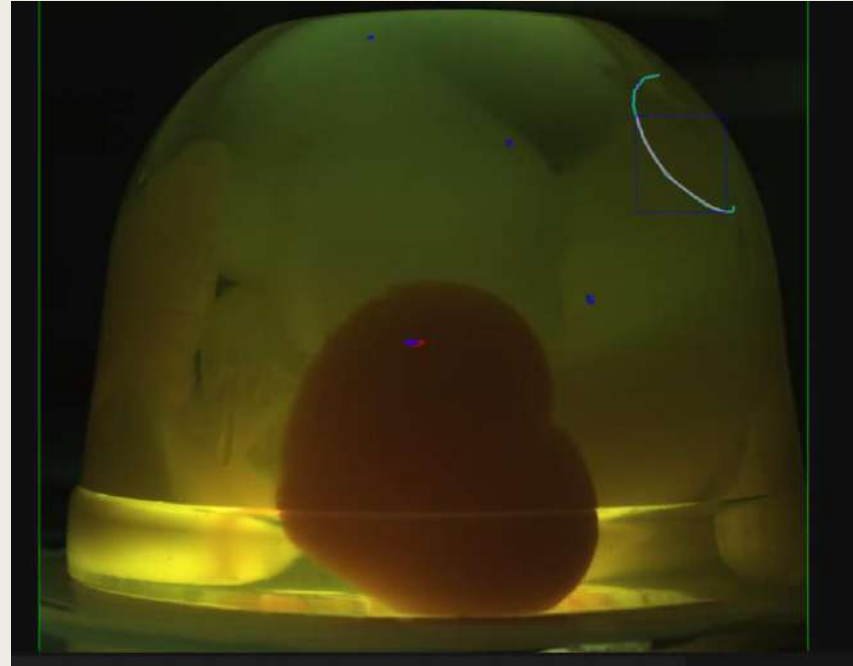


- OCR on boxes

location function to location the line of character you need

Use another location function to read OCR

Food industry



- Inspect jelly
 1. Use segment to find hair/dust
 2. Use classification to subdivision defects and to reject false detection