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SC Series Smart Camera
Applications in Beverage Industry

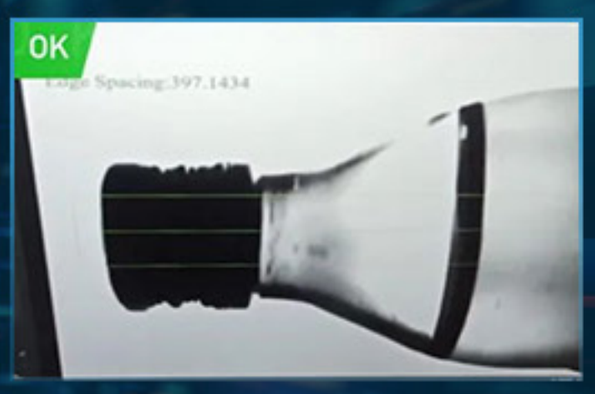
- Inspection, recognition, measurement
- Beverage packaging quality guardians
- Stable performance with accuracy rate over **99.99%**

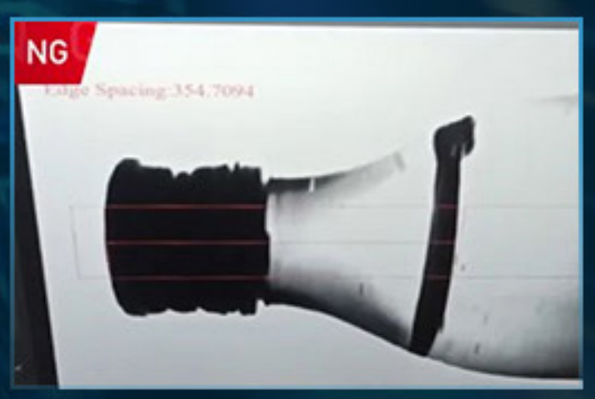
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Fill Level Inspection

In order to eliminate bottled beverages that are not qualified for the required volume, SC3000 series smart cameras are used to inspect the fill level of each bottled beverage with deep learning technology and its inspection accuracy is over 99.99%.



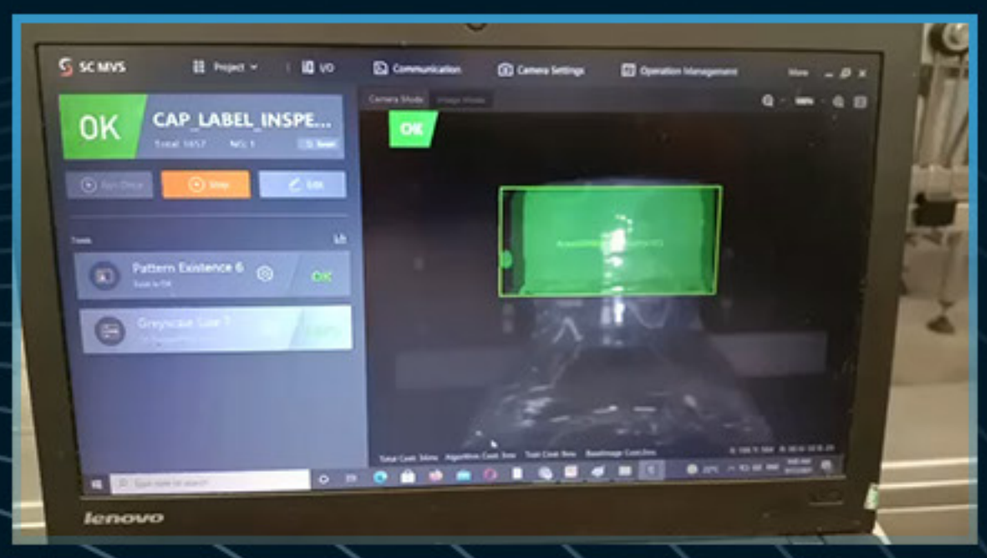




Bottle Cap Inspection

To make sure the bottled beverages are properly sealed, SC3000 series smart cameras are used to eliminate bottles with wrong caps or even without caps. The processing speed of SC3000 series is within 40 ms/bottle, totally cope with the fast production of 80 ms/bottle.

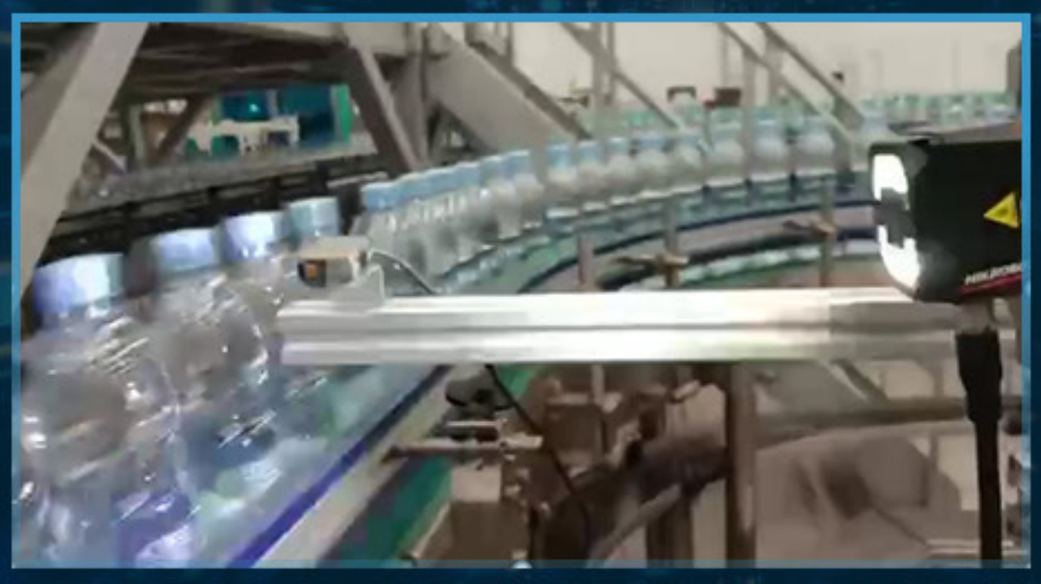




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Character Recognition

To ensure each bottled beverage having the longest shelf life before leaving the factory, SC7000 series smart cameras are used to recognize the production date on the bottle. To decrease the influence of reflection, deep learning technology is adopted with the recognition rate of 100%.





Label Quality Inspection

Product labels contain product-specific data. Before beverages are packed into a box, the final product quality inspection is to detect whether they are labeled correctly by SC3000 series smart cameras, avoiding manual intervention and keeping up with the production speed of around 7000 bottles per hour.





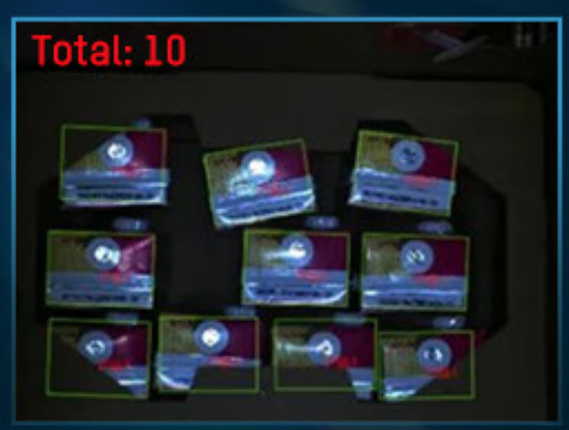
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Missing Item Inspection

When beverages are wrapped into boxes, our large field of view SC series smart cameras are used to verify the completeness of one final package within 70ms and keep up with the production speed of 50,000 boxes per hour. The inspection accuracy rate is over 99.99%.







Package Measurement

When beverages are packaged into boxes, we need to put cardboards with suitable sizes into boxes, SC3000 series smart cameras are used to measure the width or length of the cardboard to make sure they are fit. The measurement accuracy is within 5 mm.



