

OmniView is a multi-camera vision solution for full 360 degree inspection of unoriented cylindrical packages.

Cognex® OmniView® delivers fast, accurate inspection and traceability of cylindrical products, such as cans, bottles, jars, tubs, and vials in color or monochrome. The unique multicamera OmniView technology does not require an orientation step in the production line to turn the label toward the camera. Products can be in any orientation as they pass through the OmniView station and the multiple cameras will acquire the image without having to slow the line... OmniView reads up to 1200 parts per minute!

OmniView can help to minimize product recalls and protect brand image by ensuring product quality, help control the process by identifying defects early, track parts through the supply chain by reading labels and codes, and provide a more effective use of labor by eliminating the need for manual inspection.

Use OmniView to help minimize product recalls with mismatched labels and lids or bad seals; get a more effective use of labor; obtain a higher quality of product through process control to help protect the brand image and trace the product through the supply chain by ensuring labels and ID codes are correct.



Use OmniView to inspect:

- **Product Quality**
 - Label placement and skew
 - Label damage
 - Cap position and skew
 - Cap seal damage
 - Cap/label orientation
 - Fill level
 - Date and lot code legibility
 - Bottle orientation for packaging
 - Mixed lot detection
- **Product Correctness**
 - Label
 - Cap or lid
 - Date and lot code
 - Barcode and 2D symbol
 - Bottle color
 - Content color
- **Traceability**
 - Lot control and asset tracking
 - Supply chain management

How Does OmniView Work?

1

Up to five cameras
acquire images



2

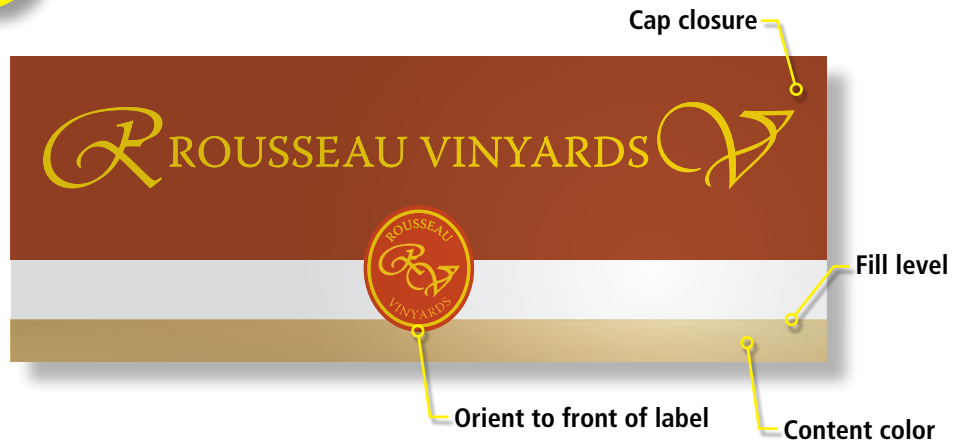


Create a 3D model



3

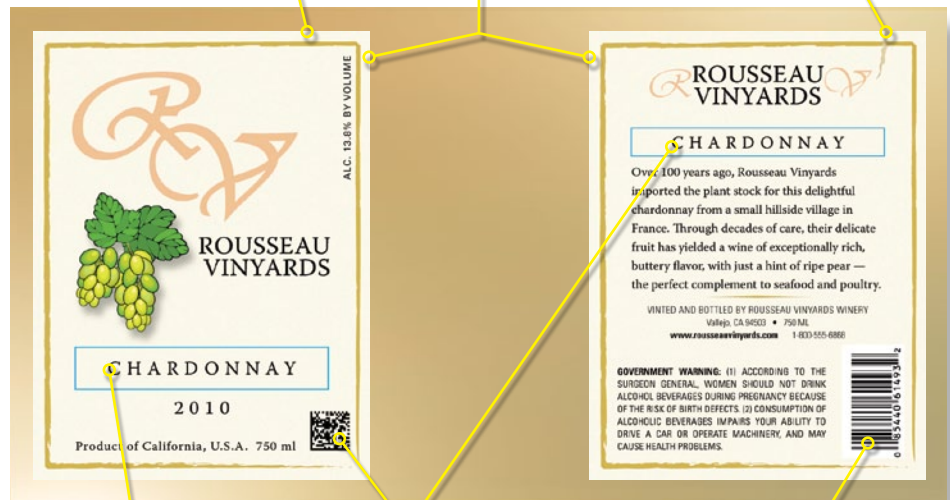
Unwrap and inspect



Label position
and orientation

Measure gap

Tearing



Correct label

Correct 1D & 2D codes

Range of Products Inspected



Pharma bottles

Pill bottles

Beer

Eyedrops

Makeup

Shampoos

Wine and Liquor

Handles

Pump soap

OmniView 5.0 Cylindrical Product Inspection System comes complete with:

- OmniView application software, complete with turnkey user interface
- Cognex VisionPro® vision tools for product identification and inspection
- A set of calibration plates to support 3D modeling
- Cameras: either four or five camera system, in color or monochrome

COGNEX

Companies around the world rely on Cognex vision to optimize quality and drive down costs.

Corporate Headquarters One Vision Drive, Natick, MA 01760 USA Tel: +1 508.650.3000 Fax: +1 508.650.3344

Americas

United States, East +1 508-650-3000
 United States, South +1 615-844-6158
 United States, West +1 650-969-4812
 United States, Detroit +1 248-668-5100
 United States, Chicago +1 630-649-6300
 Canada +1 905-634-2726
 Mexico +52 81 5030-7258
 Central America +52 81 5030-7258
 South America +1 972-365-3463
 Brazil +55 11 9648-6400

Europe

Austria +43 1 23060 3430
 France +33 1 4777 1550
 Germany +49 721 6639 0
 Hungary +36 1 501 0650
 Ireland +353 1 825 4420
 Italy +39 02 6747 1200
 Netherlands +31 402 668 565
 Spain +34 93 445 67 78
 Sweden +46 21 14 55 88
 Switzerland +41 71 313 06 05
 United Kingdom +44 1908 206 000

Asia

China +86 21 6320 3821
 India +91 80 4022 4118
 Japan +81 3 5977 5400
 Korea +82 2 539 9047
 Singapore +65 632 55 700
 Taiwan +886 3 578 0060

www.cognex.com