# Application: Barcode, OCV/OCR and Defect Inspection

Success in the food and beverage industry relies on productivity and quality, and machine vision plays an increasingly important role in increasing productivity and quality assurance.

Manufacturing processes utilizing machine vision technology such as 2D code readers, label inspection, OCV (optical character verification), and pattern matching are significantly advantageous, improving production yield and automatic identification and resolution of manufacturing problems on the line. Simultaneous multi-camera execution of these tasks delivers a cost-effective solution, reducing total cost of ownership. As environments grow, effective production and quality control management benefit considerably from ready-to-deploy systems providing quick and worry-free inspection access to all areas, and efficient synchronization of the multi-camera array.
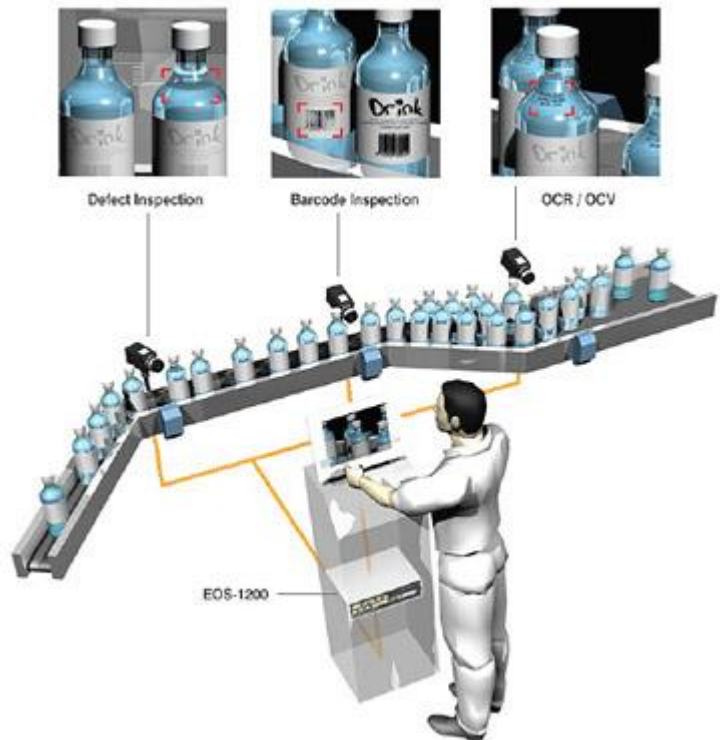
ADLINK Solution: EOS-1200: Powerful 4-CH Gigabit PoE Embedded Vision System with 2nd/3rd Generation Intel® Core™ i5/i7 Processor

ADLINK's EOS-1200 is a powerful Gigabit PoE embedded vision system implementing 2nd/3rd generation Intel® Core™ i5/i7 quad core processing, providing four independent Gigabit PoE (power over Ethernet) ports to deliver both data and power over a single Ethernet cable. All applications benefit significantly with reduced costs and maintenance requirements and simpler installation.

DFI's High Performance Fanless Embedded System with 4 Gigabit PoE LAN for Machine Vision