



Machine Vision Systems

The last few years has seen machine vision systems emerging as a viable resource for the industrial market due to increases in speed and reliability.

Can-Technologies vision system engineers are skilled in applications such as Part Location, Product Inspection, Measurement, Optical Character Verification (OCV), Optical Character Recognition (OCR), Code Reading and Colour Detection.

In addition, our knowledge spans across many industries including Aerospace, Automotive, Food & Beverage, Medical Device, Nuclear, Packaging and Pharmaceutical.

We can help you to get the best from your investment by applying this technology and domain knowledge to ensure that the vision system meets its objectives.



Typical applications a machine vision system is used for include:

- Robot Guidance / Motion Control
- Part Orientation and Dimensional Inspection
- Pattern and/or Character Recognition
- 1D and 2D Bar Code Reading
- Label Inspection/Detection
- Printing Inspection
- Lot Code/Date Code Verification
- Quality Control Inspection
- Colour Verification
- Gauging (Length/Width/Height and Rotation)
- Cap/Tamper band Inspection
- Blister Pack Filling Verification
- Fill Level Inspection
- Witness Marking
- Tire Casting Detection
- Weld Cell Number Detection
- Defect Detection
- Assembly Inspection

Can-Technologies offer complete vision systems solutions. Whether you need to resolve a quality issue through a single inspection task or build a new line or factory with a range of networked vision systems, the vision systems team has the expertise to deliver a turnkey machine vision systems solution to meet your needs.

From the feasibility study through to system design, configuration, installation, commissioning and training and support, you can be confident that the vision systems team will work closely with you to design a robust machine vision system solution that will work reliably within your facilities conditions.

Can-Technologies vision systems solutions can include any of the following:

- Initial System Evaluation - Discovery
- Vision System Design
- Vision System Fixture Design
- Lighting Selection
- Product Presentation Advise
- Programming, Configuration and Testing
- Integration, Installation and Commissioning
- Control Panel Design
- Data Acquisition System Development
- Training, Documentation & On-Going Support