

Highly flexible complete inspection cells utilizing state-of-the-art collaborative robots and artificial intelligence vision systems for quality control checks.



## Ideal applications using robot technology

- ✓ Non-contact sub-assembly inspection
- ✓ Large components and assembly checks
- ✓ Dimensional verification on large products
- ✓ Medical device package checks
- ✓ Surface defect quality checks
- ✓ Inserts and part conformance quality
- ✓ Plastic mould assembly inspection
- ✓ Sub-assembly verification
- ✓ 3D vision measurements of large parts
- ✓ Part verification checks
- ✓ Gap and flush inspection
- ✓ Chassis conformance checks

A highly flexible quality control inspection cell - IVS-RICi from Industrial Vision Systems lets you automate repetitive and critical inspection tasks utilizing latest robot technology combined with precision vision technology. The system can even work side-by-side with an operator by utilizing the latest collaborative robot systems.

With high resolution sensors to provide complete coverage even for large and hard to access parts, IVS-RICi inspects with precision detail on multiple sides and internals of any product. Liquid focus technology allows differing focus depths and fields of view.

IVS-RICi is very easy to program, offers fast set up, is highly accurate and provides peace of mind for final quality inspection or pick-and-place applications.



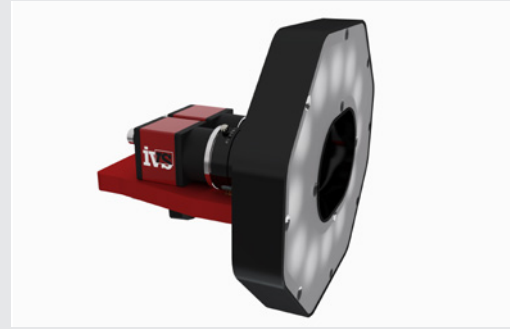


### IVS® 3D Vision Technology

Next-generation 3D snapshot technology provides precision verification and measurement inspection. Micron level verification of holes, features and surfaces is possible over large assemblies.

### Warranty and Brand Protection

Collect precise production data. All inspection images, information and production statistics are automatically saved, providing warranty protection. Easily recall previous days, months and years results to help protect brand reputation.



### IVS® HD Vision Solutions

Stunning ultra-high resolution image rendition with true-to-life colour allows IVS® vision technology to provide high accuracy inspection processing, increasing quality and reducing downtime.

### Customisation

IVS-RICi is fully customisable and will be designed around your production line. Whether conveyor based, stand-alone or manual loading, we will create the system for your needs. Think of us as your own personal design team.

## Key Advantages

100% validated inspection of every product manufactured

Uses state-of-the-art artificial intelligence

### Increase Quality

We'll help you improve productivity, output and competitiveness. Increase product quality non-stop, 24 hours a day, 7 days a week.

### Comprehensive Support

We offer a complete menu of in-house services meaning you get accountability, reliability and easy access to a single point of contact.

### Global Experience

You know you can trust us with systems installed globally, 20 years experience, and staff who offer an extraordinary range of machine vision expertise.

### Improve Service

You'll feel proud of the customer quality and service improvements we'll help you deliver backed by our excellent credentials in quality management, manufacturing and state of the art machine vision solutions. 100% quality checks for maximum product quality.

## About IVS

Founded in 2000, IVS is now one of Europe's leading specialists in inspection machines and artificial intelligence vision products - supplying customers all around the world and building an unrivalled reputation for innovation, quality and precision in machine vision systems for inspection, guidance and identification.

## Industrial Vision Systems

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