

VISIONSCAPE | DATA SHEET

VZII



I-PAK PHARMACEUTICAL INSPECTION SYSTEM



Vision Expertise

Successfully deploying a machine vision system requires proven expertise and experience. It is essential that lighting, optics and algorithms are selected and applied to take account of product manufacturing variations, line speed, throughput and performance requirements.

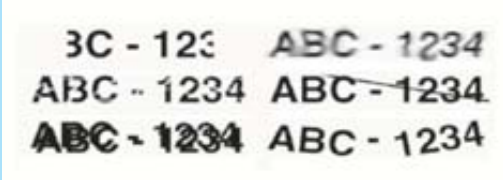
V-viz have many years experience and great expertise in specifying and deploying I-PAK systems to the pharmaceutical industry.

Services Offered

- Application Evaluation
- Documentation
- Commissioning
- Support
- Line Trials
- Hardware Specification
- Training
- Validated systems

Customers Include

- Johnson & Johnson
- Sanofi
- OCD
- Sauflon
- GSK
- Bausch & Lomb



Sample print quality defects detected by I-PAK

The Visionscape I-PAK inspection system is the proven solution chosen by major pharmaceutical manufacturers worldwide. Based on a selection of powerful machine vision tools and a simple user interface, I-PAK meets demanding pharmaceutical industry requirements for reliable, accurate and validated inspection of labels and products.

Typical applications include date/lot code verification, component ID verification, and a variety of other package, label or product inspections.

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I-PAK PHARMACEUTICAL INSPECTION SYSTEM

Powerful Software

Based on the powerful Visionscape software, I-PAK offers a comprehensive selection of proven vision processing tools. The I-PAK user interface makes setup and deployment of applications fast and easy, and allows 100% verification of every product on the line.

Fail-Safe Identification

I-PAK provides fail-safe identification of incorrect or illegible characters while tolerating normal print variation. Proven robust OCR algorithms adapt to acceptable changes in pre-printed or overprinted codes to reduce false rejects.

FDA Compliance

I-PAK enables manufacturers to comply with FDA's current Good Manufacturing Practices and meets the requirements of 21 CFR Part 11 through user access control features and audit trail capabilities.

Advanced Capabilities

- Print quality and readability of date/lot codes, NDC or other human readable marks
- Inspection of codes on labels, cartons, inserts/outserts or directly marked on products
- Accommodates a variety of marking methods (laser, hot stamp, ink jet)
- Fast and reliable decoding and quality verification of linear barcodes, GSI Databar (RSS) and Data Matrix
- Fully configurable system for broad range of other product or package inspections

Packaging Inspection System

Visionscape I-PAK: Available Codes

Linear  **Human Readable** User-defined/trainable Optical Character Recognition (OCR) and Verification

All standard

Stacked   **2D**  
PDF417 GSI Databar DataMatrix QR

VISIONSCAPE® I-PAK® specifications and options

I-PAK SK:

Solution Kit consists of Visionscape board and software, supports up to four progressive scan cameras or one CameraLink digital camera



I-PAK HE:

Software CD offers I-PAK interface and functionality for up to four Visionscape Smart Cameras



I-PAK SE:

High speed, industrial touch screen PC in an IP67 stainless steel enclosure with tilted top, specifically designed for pharmaceutical environments. Available as shelf mount or floor standing.



For any further product information or application details please contact: +44 (0)870 242 2515 www.v-viz.com/pharma

About V-viz Ltd

V-viz was established in 2004 as an independent machine vision solution provider and has been successfully supplying and deploying inline machine vision inspection solutions to leading global manufacturing companies ever since. Recognising the value added expertise and experience in machine vision V-viz brings the Company was audited and certified as a Siemens AG "Specialist Machine Vision Solution Partner" in 2008. We are the appointed and exclusive Technology Partner for both Festo GB and Datasensor UK for all machine vision applications.

Providing inline high speed machine vision applications requires a specialist with experience built up over many years and with core competencies in camera technologies, complex illumination techniques, inspection tools and platforms, software, communications, controls and integration.

V-viz prides itself as a proven competent and reliable supplier of integrated machine vision inspection systems and has a rapidly expanding global customer base across Automotive, Food & Beverage, Consumer Goods, Medical Device, Pharmaceutical and Primary Metals.

Making a significant and successful investment in automated inspection requires selecting a vendor whose proven expertise and understanding of applying the technology into a manufacturing environment ensures the success and long term reliability of the solution. By contracting V-viz customers ensure that their investment is adopted successfully, effectively and to the highest possible standards of on-going support.