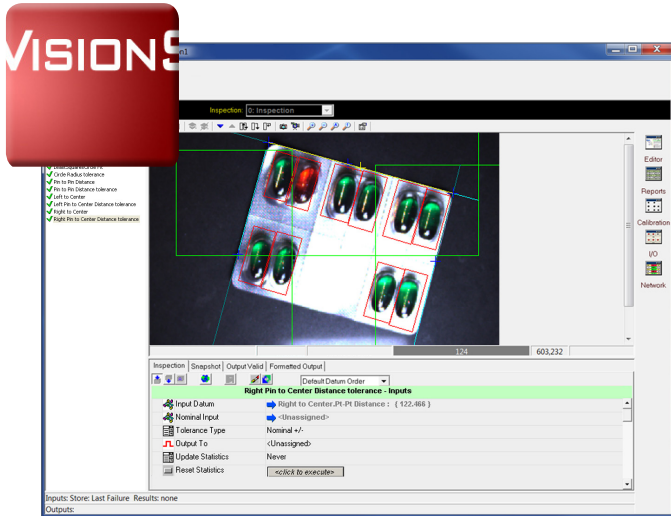


VISIONSCAPE® SOFTWARE



Rapid Vision Application Development

Visionscape software provides all the elements required to develop and deploy machine vision applications in an industrial environment. An extensive collection of proven image processing tools and a powerful graphical user interface (GUI) enable simple and quick implementation of fully capable machine vision applications in any industry.

Visionscape Software: Capabilities

Auto ID Tools

- Decoding all standard linear barcodes, Data Matrix, and other symbols, Optical Character Recognition (OCR) and Verification (OCV)

Image Processing Tools

- Image arithmetic, image rotation and warping, binary and grayscale morphology, edge enhancement, other image filtering, etc.

Image Analysis Tools

- Flaw detection, histogram analysis, blob analysis, template and pattern recognition, object location and orientation detections, etc.

Calibrated Dimensional Measurements

- Variety of preconfigured measurements such as line intersection, point-to-point distance, point-to-line normal, etc.

Color Support

- Color imaging with Visionscape GigE and Vision HAWK color cameras, color visualization and color tools to support color checking and identification applications. High resolution color cameras allow color-based dimensional gauging applications.

Intellifind Tool

- Geometric pattern match tool for robust pattern location and pattern recognition in noisy images; includes scale measurement.

Application Specific and Custom Tools

- User-defined expressions and math, custom scripted vision processing tools, etc.

Minimum PC Requirements:

Hardware	Min. CPU	Min. Interface
Windows PC	Core2Duo	1 USB or 1 Network
Software	Min. Version	Min. RAM
Windows XP (32 bit)	SP3	1 GB
*Windows 7 (32, 64 bit)	SP1	2 GB

*Note: Only compatible with Visionscape 5.0 or later.

For more information on this product, visit www.microscan.com.

FrontRunner

FrontRunner engineering user interface enables quick and easy creation of complex vision applications that can be run on PC-based systems or downloaded to the VS-1 smart camera, depending on specific application needs.

AppRunner

In the AppRunner standard runtime interface, the user is provided with complete system status, with abilities to start/stop the application, collect and review failed images, and present other diagnostic information.

Open ActiveX

Visionscape includes ActiveX controls and application examples to support the creation of applications and custom user interfaces in Visual Basic 6, VB.NET and C#.

Customization

From operators on the factory floor to application engineers and developers, Visionscape software offers a configuration environment that can be tailored to different users for maximum productivity.

Application Examples

- Assembly verification (automotive, medical devices, packaging)
- Print quality inspection (pharmaceutical, other)
- Package quality inspection (food and beverage)
- Component presence/absence checking (electronics)
- Part location (robotics, machine builder)
- Part identification (automotive, electronics, packaging)

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