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Machine Vision

Machine Vision is the latest technological movement to positively impact the medical and manufacturing industries, further revolutionizing how automated inspection and analysis is achieved.

The machine vision experts at JADAK are leaders of installed machine vision solutions for clinical analyzers with decades of experience providing cutting-edge and custom solutions for original equipment manufacturers’ (OEM) critical applications—including in-vitro diagnostics, disposable endoscopy, process control, surgical visualization, robot guidance and more.

Supporting a full suite of machine vision solutions, ranging from fixed mount and embedded smart cameras to **JADAK’s Clarity™ 3.0 Machine Vision Software**, is JADAK’s team of advanced-degree engineers offering engineer-to-engineer collaborative partnerships and full life-cycle support.

Allegro Smart Camera Evaluation Program

Let JADAK help expedite your problem solving and validation process with our evaluation program that offers Allegro Smart Cameras:

- Available to ship in 3-5 business days
- Free of charge for the first 30 days
- Immediately supported by our engineering team
- Fully customizable

[Learn More](#)

NOTE: View our website in [Google Chrome](#) for the best user experience.

<div><div></div><div>+</div></div> <div>OUTPUT</div>	
<div><div></div><div>+</div></div> <div>COLOR</div>	
<div><div></div><div>+</div></div> <div>SENSOR</div>	
<div><div></div><div>+</div></div> <div>RESOLUTION</div>	
<div><div></div><div>+</div></div> <div>FRAME RATE</div>	
<div><div></div><div>+</div></div> <div>MACHINE VISION SOFTWARE</div>	
<div><div></div><div>+</div></div> <div>INTERFACE</div>	

CLEAR FILTER

Allegro IVD Smart Camera Series

Customizable 6MP, 5MP and 2MP smart cameras for in-vitro diagnostics

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Allegro USB Camera Series

Customizable large format smart cameras

[VIEW PRODUCT](#)

Clarity™ 3.0 Machine Vision Software

For versatile rapid development and deployment of JADAK’s smart camera products

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FM-5 and FM-6 Fixed Mount Barcode/Machine Vision Scanners

Compact design for easy integration into original equipment manufacturers (OEM) projects

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FM-8 and FM-9 Fixed Mount Barcode/Machine Vision Scanners

Fully customizable image based 1D/2D barcode scanners with optional machine vision capabilities

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Medley Software Development Kit

Medley is a comprehensive Software Development Kit (SDK) for JADAK Machine Vision Cameras supporting the USB3 Vision protocols.

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SC-6 Fixed Mount Machine Vision Camera Series

Stand-alone/embedded smart camera solution capable of image analysis and CLSI barcode scanning

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VIBE® Fixed Mount Machine Vision Camera

A miniature color machine vision engine capable of reading 2D barcodes as well as performing image analysis

[VIEW PRODUCT](#)



WEBINAR

WEBINAR: Improving speed and efficiency in your medical system using machine vision

In today’s fast paced, data-driven healthcare ecosystem, the need for increased throughput and reduced potential for errors is critical. When implemented, machine vision technology can significantly improve the overall performance of a medical system.

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WEBINAR

WEBINAR: How machine vision and RFID are improving in-vitro diagnostic testing

Learn about current challenges in IVD testing and how machine vision and RFID can address those issues

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WEBINAR

WEBINAR: In-vitro diagnostics: validating and measuring centrifuged blood samples

This webinar will focus on validating and measuring blood samples that have gone through a centrifuged process to achieve accurate test results.

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WEBINAR

WEBINAR: Overview of Clarity 2.0 machine vision and image analysis software

A powerful tool with many standard features, Clarity provides the building blocks for the most common image analysis tasks, and can be updated and modified as your product inspection and tracking needs change.

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JADAK A Novanta Company

JADAK collaborates with original equipment manufacturers (OEMs) to develop custom RFID, machine vision, barcode and light and color measurement solutions.

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