

## ABOUT



Ease-of-use is built into the heart of In-Sight vision systems, starting with easy-to-use but powerful vision tools, and the In-Sight Explorer software interface. A spreadsheet view makes the user experience very simple for maximum control over your optical inspection applications. The In-Sight Explorer software also includes an EasyBuilder® configuration environment for deploying reliable applications quickly, with no programming required.

## OVERVIEW

Learn how to reduce costs and improve the efficiency of your factory production line with an engineered machine vision system, in a hands-on training environment. Learn the fundamentals of machine vision, and see the latest of it from Cognex, the leader in machine vision technology. We encourage you to bring your own parts and discuss your application with one of our experienced vision specialists.

## LEARNING OBJECTIVES

- Demonstrate how to connect the In-Sight camera to the network
- Capture an image with the camera
- Calibrate the image using 'real-world' measurements
- Utilize a variety of Locator Tools to find their part
- Inspect their part using various Identification & Defect Tools
- Configure a Discrete Input and a Discrete Output Line
- Describe the use of communications within EasyBuilder
- Utilize the various tools available to deploy the system
- Explain the fundamentals of Lighting and Optics

	Row	Col	High	Wide	Angle	Curve
Model	141.554	182.144	88.534	302.656	0.000	0.000
Train	141.554	182.144	88.534	302.656	0.000	0.000
Search	15.526	15.344	450.751	614.097	0.000	0.000

0.000 Trained  
Accept Clutter in  $\theta$  Angle Tolerance  
Index Row Col Angle Scale Score  
Patterns 0.000 227.900 315.751 -15.038 100.016 96.974  
Pass/Fail 1.000 Plot Plot 906 -15.038



Sign up for our workshops:

February 7 in Marietta, GA

February 14 in Spring Hill, TN

April 11 in Marietta, GA

March 21 in Memphis, TN

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