

Full-featured system to tackle a wide range of vision applications

The In-Sight 7000 vision system is engineered with the full suite of powerful Cognex vision algorithms and convenient features to help you solve your applications easily and reliably.

Suite of enhanced vision tools including PatMax RedLine, SurfaceFX and OCRMax for rapid part location and inspection.

Onboard SD card for additional data storage and easy transfer of job files between systems.

Flexible Image Technology (FIT) optimizes image formation and minimizes the need for expensive external lighting.

Wrap-around LED indicator light provides clear visual pass/fail inspection results that can be seen from a distance regardless of product orientation.

Field changeable C-mount and S-mount lenses and an autofocus option for best image resolution based on working distance.

IP67-rated housing provides protection in harsh factory environments.



Additional internal lighting options

In addition to other small form factor lights, the In-Sight 7000 is compatible with ImageMax™ technology used with DataMan® 360 series barcode readers. The ImageMax technology module offers diffuse illumination ideal for inspecting parts at varying working distances.

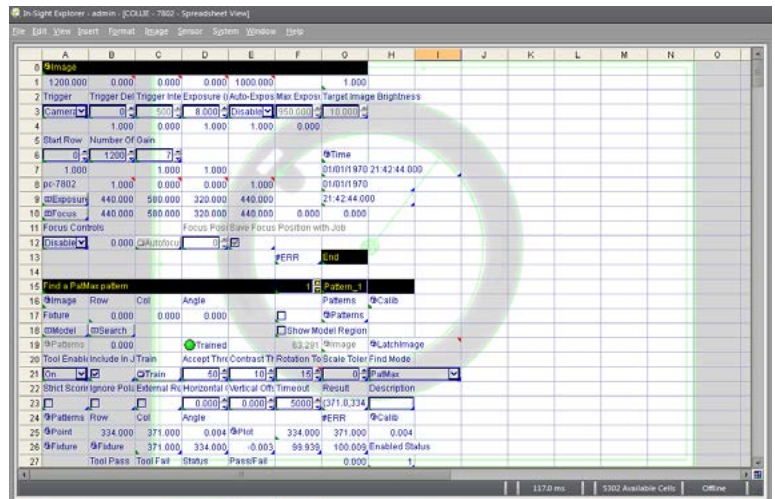


Integrates easily into your system infrastructure

Like all In-Sight vision systems, the In-Sight 7000 uses In-Sight Explorer EasyBuilder® to set up and monitor machine vision inspections. The intuitive interface guides operators through a step-by-step setup process allowing both novice and experienced users to configure vision applications quickly and easily.

The majority of applications can be solved using the point-and-click EasyBuilder interface, however should your application requirements change, the In-Sight spreadsheet provides you with ultimate control through direct access to the vision tools and communication options. Access to the spreadsheet not only provides programming flexibility to make essential adjustments, it also offers assurance that you will be able to solve any of your vision applications.

cognex.com/easybuilder

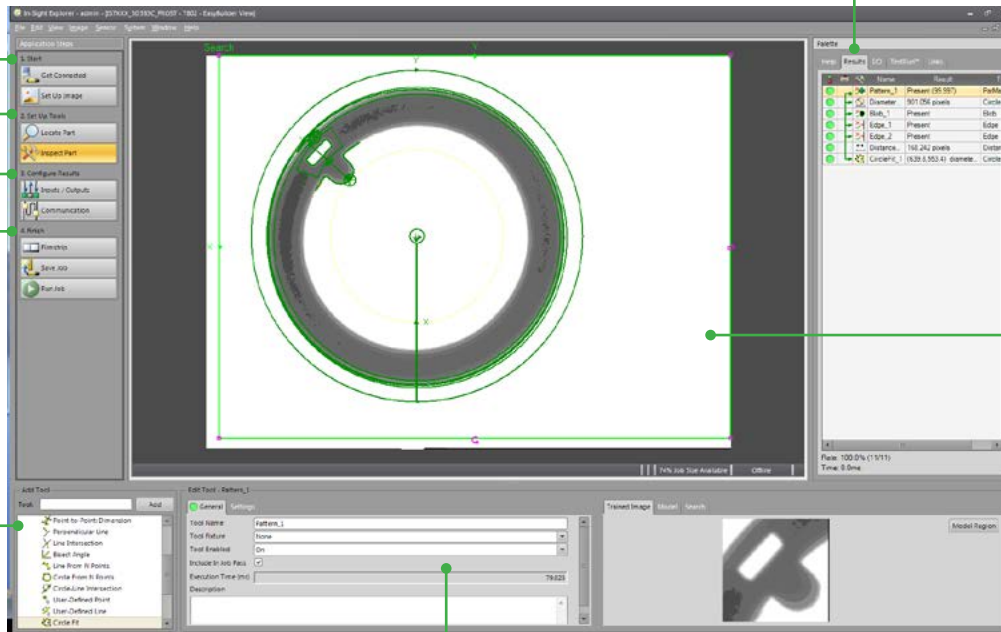


In-Sight spreadsheet provides ultimate control and direct access to vision tools.

The EasyBuilder user interface provides intuitive steps for even the most difficult applications. With no programming or spreadsheets needed, applications are deployed at breakthrough speed.

Four simple steps guide you through the setup process

- 1
- 2
- 3
- 4



Results table— Consolidates tool results for easy viewing and helps users understand tool dependencies and performance timing

Image centric— Point-and-click approach lets users drop in tools quickly by simply clicking on the features of interest

Tools palette—Comprehensive set of vision tools for locating, measuring, counting and identifying features, plus math, logic, geometry and graphic display tools

Settings pane—Configures all vision tool parameters and settings

