

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

COGNEX

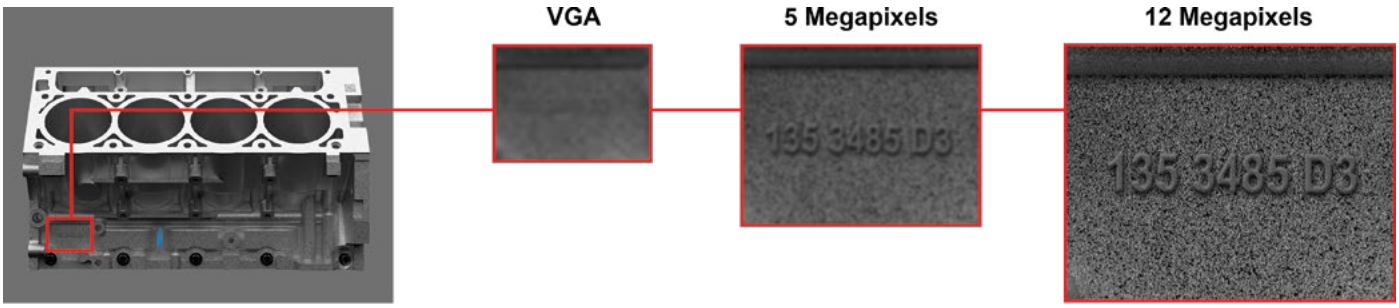
IN-SIGHT 9912 VISION SYSTEM



The In-Sight® 9912 is Cognex's first standalone, ultra-high-resolution, area scan vision system. With its ability to acquire and process exceptionally detailed images, the 12 megapixel (MP) 9912 delivers high accuracy part location, measurement, and inspection over a large area—even when mounted at longer distances. With its all-in-one, IP67-ready form factor and easy-to-use EasyBuilder® interface, the 9912 is more cost effective and easier to integrate than most controller- or PC-based vision systems. The In-Sight 9000 series offers both area scan and line scan image capture options.

Large field of view without sacrificing resolution

The In-Sight 9912 is a 12MP smart camera vision system which allows users to see larger inspection areas while maintaining exceptional image clarity. Available in monochrome and color, the In-Sight 9912 captures detailed images to achieve higher accuracy measurements without sacrificing field of view. This also allows customers to mount the vision system away from conveyors and maintain a safe distance from hazardous equipment.



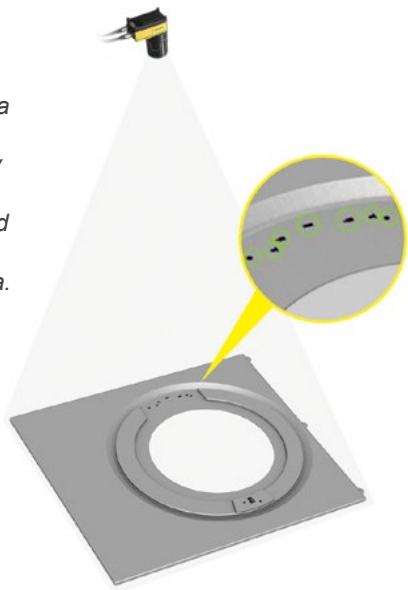
Ultra-high-resolution captures highly detailed images of part features in wide field of view—something impossible to achieve with a single lower resolution camera.

A single camera solution to multi-camera applications

The In-Sight 9912 eliminates the need for multiple cameras in applications where the objects or parts are very large. As a single camera alternative, the In-Sight 9912 reduces complexity, calibration requirements, and cost compared to multi-camera systems. The self-contained unit reduces the amount of equipment to be installed on space-restricted production lines. Plus, the IP67-rated housing protects the system from liquids and dust without the need for an external enclosure.

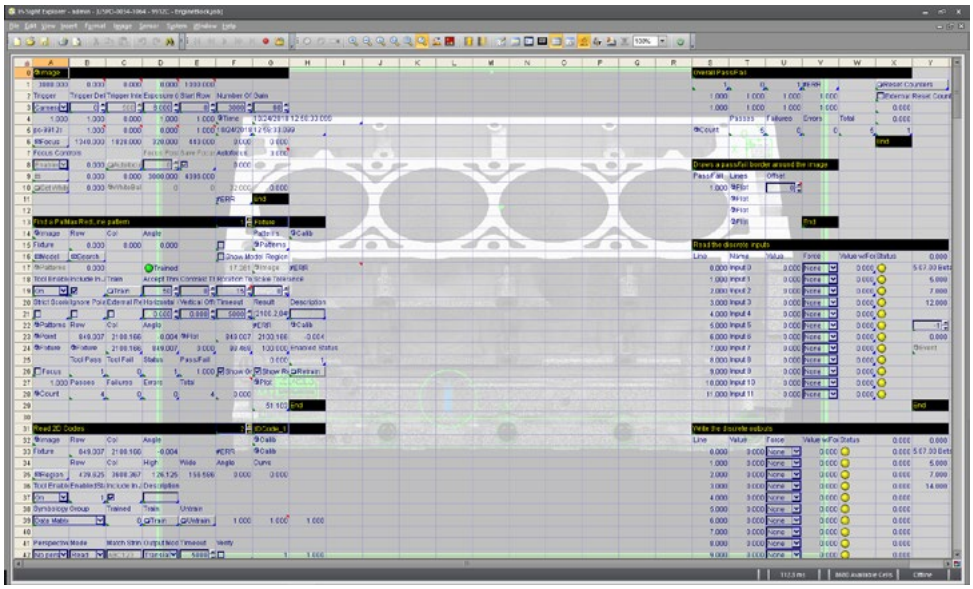
The In-Sight 9912 captures images of large parts, such as a metal appliance door, and still has the resolution to accurately measure the size, shape, and placement of the small stamped features on the part using a single IP67-rated smart camera.



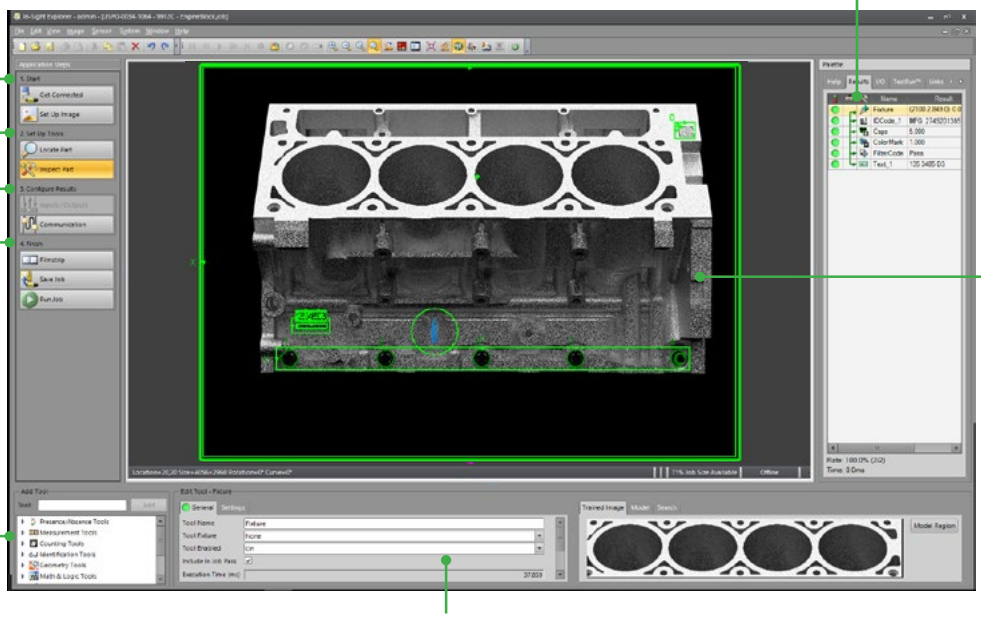


Fully configurable—no programming required

As a fully configurable 12MP vision system with an easy-to-use setup environment, the In-Sight 9912 solves applications that previously required programming on PC- or controller-based systems. The In-Sight EasyBuilder interface guides operators through a step-by-step setup process, while an advanced spreadsheet alternative offers direct access to vision tools. A single application setup environment for VGA-to-12MP vision systems allows customers to work within the same user interface, regardless of image resolution requirements or application complexity.



Four simple steps guide you through the setup process.



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

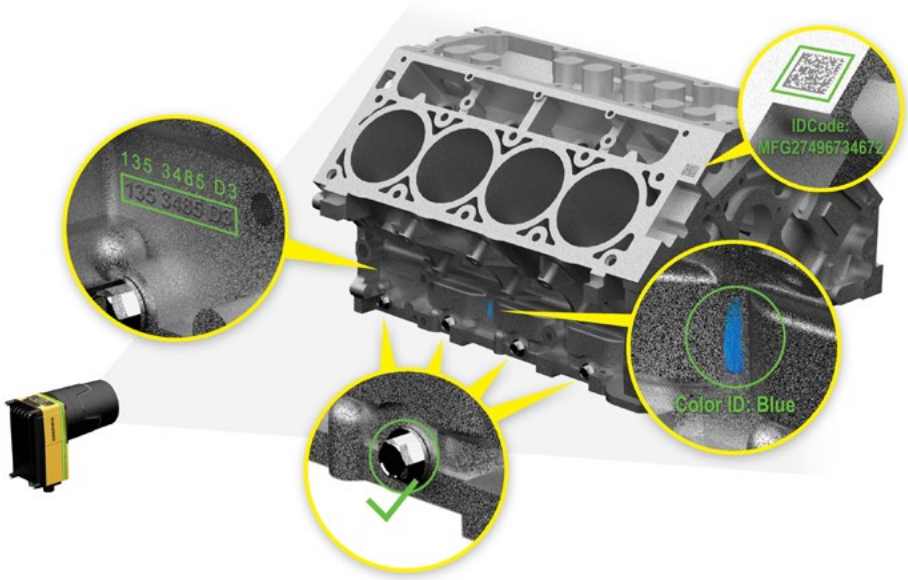
Image-centric—Point-and-click approach lets users drop in tools quickly by simply clicking on the features of interest.

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

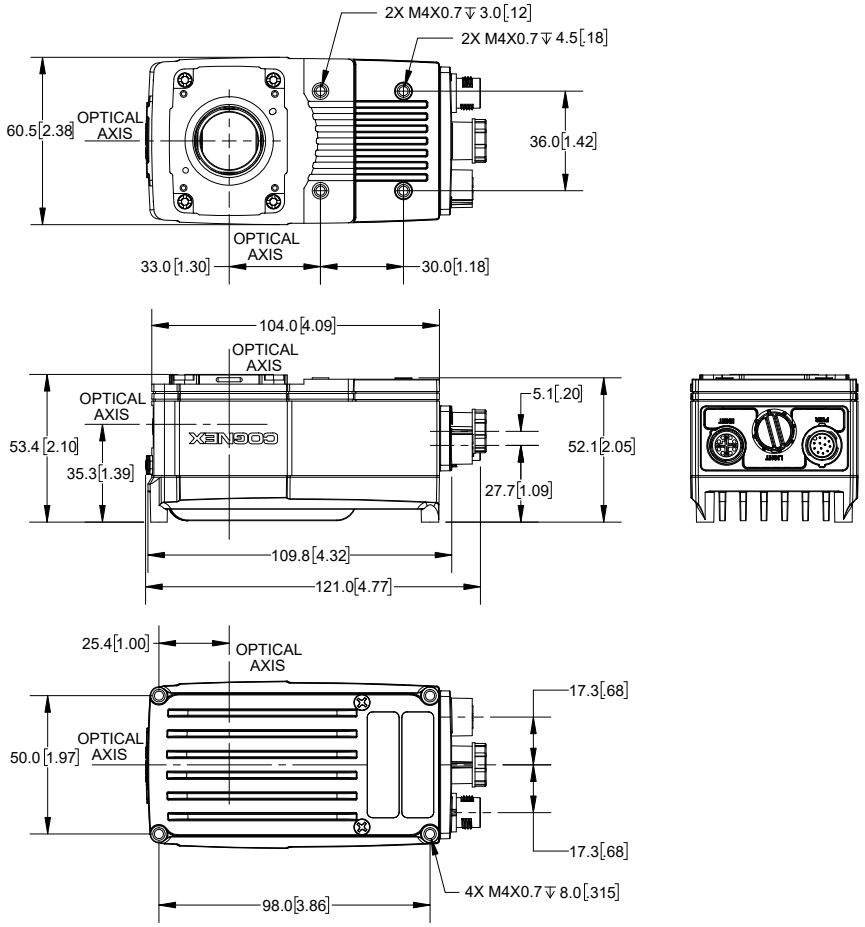
Settings pane—Configures all vision tool parameters and settings.

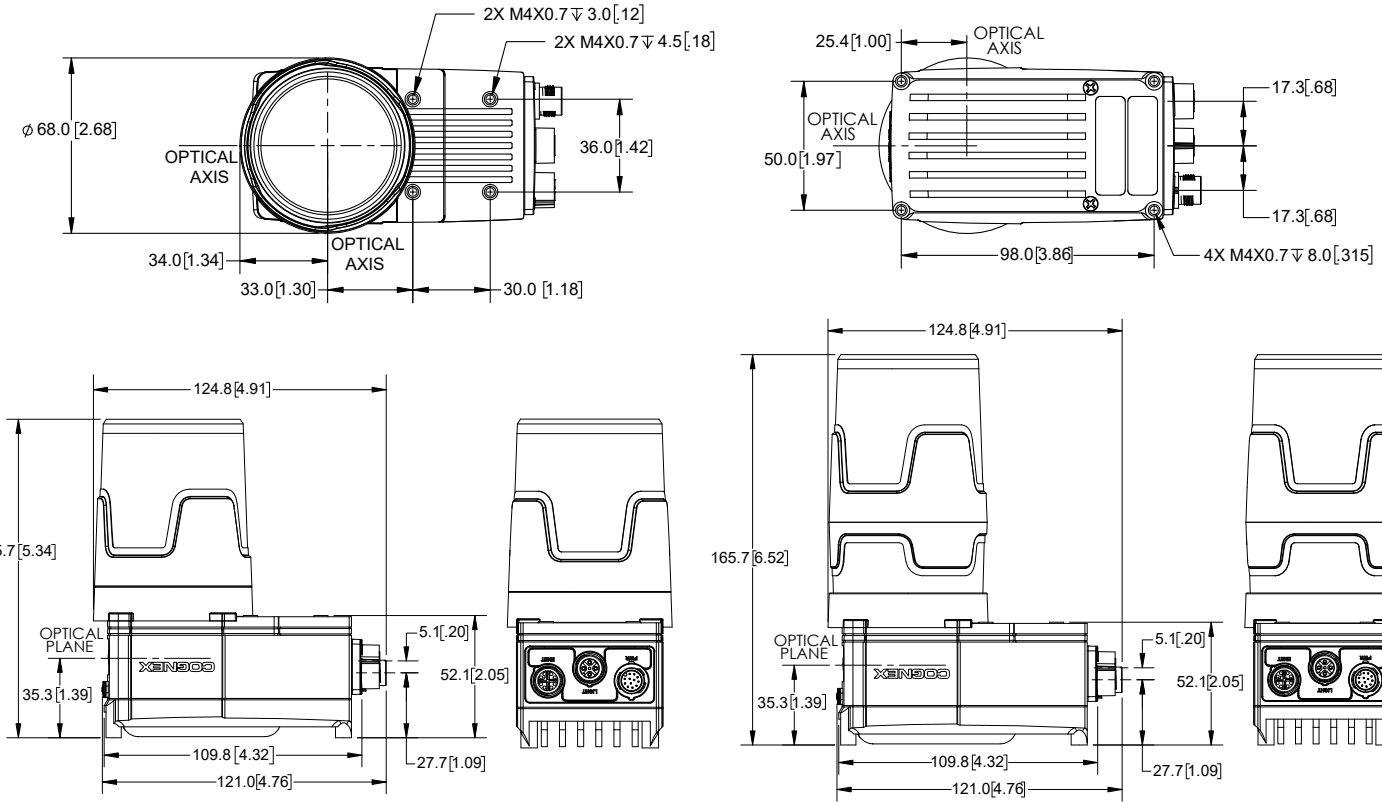
Industry-leading vision tools and image processing technology

The In-Sight 9912 is equipped with Cognex's industry-leading vision tools and image processing technology, led by PatMax RedLine®—the gold standard for fast, robust, and high accuracy 2D pattern matching. Plus, PowerGrid® and Hotbars® algorithms for 1D and 2D barcode reading. The 9912 also features HDR+, which stretches the boundaries of high-dynamic-range (HDR) technology to enhance image contrast across the entire image with no reduction in acquisition speed.






2X M4X0.7↧3.0[.12]
2X M4X0.7↧4.5[.18]
60.5[2.38]
OPTICAL AXIS
36.0[1.42]
OPTICAL AXIS
33.0[1.30]
30.0[1.18]
104.0[4.09]
OPTICAL AXIS
OPTICAL AXIS
5.1[.20]
53.4[2.10]
52.1[2.05]
35.3[1.39]
27.7[1.09]
109.8[4.32]
121.0[4.77]
25.4[1.00]
OPTICAL AXIS
17.3[.68]
OPTICAL AXIS
50.0[1.97]
17.3[.68]
4X M4X0.7↧8.0[.315]
98.0[3.86]


2X M4X0.7↧3.0[.12]
2X M4X0.7↧4.5[.18]
ϕ68.0[2.68]
OPTICAL AXIS
36.0[1.42]
34.0[1.34]
OPTICAL AXIS
33.0[1.30]
30.0[1.18]
25.4[1.00]
OPTICAL AXIS
17.3[.68]
OPTICAL AXIS
50.0[1.97]
17.3[.68]
98.0[3.86]
4X M4X0.7↧8.0[.315]
124.8[4.91]
135.7[5.34]
OPTICAL PLANE
5.1[.20]
52.1[2.05]
35.3[1.39]
109.8[4.32]
27.7[1.09]
121.0[4.76]
124.8[4.91]
165.7[6.52]
OPTICAL PLANE
5.1[.20]
52.1[2.05]
35.3[1.39]
109.8[4.32]
27.7[1.09]
121.0[4.76]

IN-SIGHT 9000 SERIES SPECIFICATIONS

		9912	9912C	9902L
Min. Firmware		5.7		5.7.4
Image Type		Monochrome	Color	Monochrome
Imager Type		1.1-inch CMOS (3.45 µm² pixels)		1-inch CMOS (7 µm² pixels)
Image Resolution		12MP (4096 x 3000)		32MP (2048 x 16384 software configurable) or 16MP (1024 x 16384 software configurable)
Acquisition Speed (Max)		14 fps	8 fps	66 K lines per second (15 µs per line)
Memory	File Storage	7.2 GB non-volatile flash (jobs), 8 GB Micro SD card (jobs, images, data)		14.8 GB non-volatile flash (jobs), 8 GB Micro SD card (jobs, images, data)
	Processing	832 MB SDRAM		
Options	Lenses	C-mount		
	Lighting	External lights via light control connector		N/A
	Vision Tools	PatMax®, PatMax RedLine, PowerGrid, Hotbars		
I/O	Network	(1) Gigabit Ethernet (10/100/1000 Mbps)		
	Built-in	(1) trigger, (1) input, (2) outputs, (2) bi-directional		(1) trigger, (1) input, (2) outputs, (2) encoder line inputs for quadrature support
	Expansion	CIO-MICRO, CIO-1400		
Protocols	General	TCP/IP, UDP, FTP, SFTP, Telnet, SMTP, RS-232		
	Industrial	OPC UA, EtherNet/IP with Rockwell Add-On Profile, PROFINET Class B, iQSS, Modbus TCP, SLMP/SLMP Scanner, IEEE 1588 (CIP Sync)		
Mechanical	Dimensions	53.4 mm (2.10 in) x 60.5 mm (2.38 in) x 121.0 mm (4.77 in)		
	Weight	400 g		
	Protection	IP67 with C-mount lens cover		
Power		24 VDC		

COGNEX

Companies around the world rely on Cognex vision and barcode reading solutions to optimize quality, drive down costs, and control traceability.

Corporate Headquarters
One Vision Drive
Natick, MA 01760 USA

Contact us or find your regional sales office:
www.cognex.com/sales

Americas

North America	+1 855 426 4639
Brazil	+1 855 426 4639
Mexico	+52 552 789 5444

Europe

Austria	+49 721 958 8052
Belgium (FR)	+33 176 549 318
France	+33 176 549 318
Germany	+49 721 958 8052
Ireland	+353 21 601 9005
Italy	+39 02 9475 4345
Spain	+34 93 220 6237
Switzerland (DE)	+49 721 958 8052
Switzerland (FR)	+33 176 549 318
United Kingdom	+353 21 601 9005
Other Europe	+353 21 601 9005

Asia-Pacific

China	+86 021 8036 5424
India	+91 7305 040397
Japan	+81 345 790 266
Korea	+82 070 4784 4038
Singapore	+65 3158 2511
Taiwan	+886 801 492 017
Other Asia-Pacific	+65 3158 2511

© Copyright 2025, Cognex Corporation. All information in this document is subject to changes without notice. All Rights Reserved. Cognex, In-Sight, PatMax RedLine, PatMax, PowerGrid, Hotbars, and EasyBuilder are registered trademarks of Cognex Corporation. All other trademarks are property of their respective owners. Lit. No. DS-IS9000-03-2025

www.cognex.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP