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TECHNOLOGY GROUP

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COGNEX



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In-Sight 5000 Vision Systems

Industry-leading performance and ruggedness

The unprecedented vision power and unmatched ruggedness of the In-Sight® 5000 Series vision systems are helping manufacturers around the world improve productivity, ensure product quality and lower manufacturing costs. And, an array of In-Sight models means that there's one just right for your application.

Industrial-Grade Design…
In-Sight 5000 Series vision systems are the only vision systems in the world that provide industrial-grade features standard. Rugged die-cast aluminum and stainless steel cases that can withstand the punishment of vibration, sealed M12 connectors and a protective lens cover for IP67 and IP68 rated protection against dust and moisture—it all adds up to peace of mind on the factory floor.

Unmatched Performance…
Every In-Sight 5000 Series vision system delivers best-in-class performance, from the best-selling In-Sight 5100 on up to the blazingly fast In-Sight 5600 that runs vision tools at more than twice the speed of In-Sight 5400 models. Most models are equipped with a full library of proven Cognex vision tools, including an easy-to-train, advanced OCR tool and a calibration routine designed for measurement and robotic guidance applications. Plus, PatMax®—the industry standard for part location tools—is available on all models.

New Application Possibilities…
The **In-Sight 5604 Line Scan vision system** combines industrially rugged In-Sight 5000 series hardware and best-in-class vision tools with a high-speed, 1K line scan imager—eliminating the need for separate PC-based software and line scan camera head. This imager is more light-sensitive than most which reduces lighting expense and complexity while making it exceptionally easy to integrate into space-constrained areas on the line. And with support for hardware and software encoders, the In-Sight 5604 has the flexibility needed to solve a wide range of image acquisition challenges.

General-Purpose In-Sight Vision Systems



General Applications

In-Sight 5100	Best price/performance system (640 x 480)
In-Sight 5400	High performance system, also available in stainless steel (640 x 480)
In-Sight 5401	High resolution system (1024 x 768)
In-Sight 5403	Highest resolution system (1600 x 1200), also available in stainless steel
In-Sight 5600	Fastest system (640 x 480)
In-Sight 5603	Highest resolution system at fastest speed (1600 x 1200)

Color Applications

In-Sight 5100C	Most affordable 5000 Series color system (640 x 480)
In-Sight 5400C	High speed color system (640 x 480), also available in stainless steel



Line Scan Applications

In-Sight 5604	Most flexible system at highest speed (1K line scan)



ID Applications

In-Sight 5110	ID reader-only system (640 x 480)
In-Sight 5410	High speed ID reader-only system (640 x 480), also available in stainless steel
In-Sight 5411	High speed, high resolution ID reader-only system (1024 x 768)
In-Sight 5603	Highest resolution ID reader-only system (1600 x 1200)
In-Sight 5610	Fastest ID reader-only system (640 x 480)
In-Sight 5613	Ultimate performance ID reader-only system (1600 x 1200)



Remote Head Vision System

In-Sight 3400	In-Sight 5400 performance in a standalone configuration (no PC required for setup)

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

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We buy equipment

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