In-Sight 7000 Series Product Information

In-Sight® 7000 is the ultimate all-in-one vision system series representing a true revolution in smart cameras with powerful vision tools, autofocus and the widest range of integrated lighting and optics all in a compact, industrial IP67 package. In-Sight 7000 offers the slimmest overall profile, which makes it ideal for more applications than ever before. It is available in entry-level models to provide cost-effective solutions for simpler vision applications.

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In-Sight 7000 Models at a Glance

Model	Speed	Image Capture Rate (FPS)	Resolution (in pixels)	Supported Tools
In-Sight 7010	2x	102	800 x 600	B
In-Sight 7020	2x	102	800 x 600	B/E
In-Sight 7050	2x	102	800 x 600	B/E
In-Sight 7200	6x	102	800 x 600	B/E/X/P
In-Sight 7400	12x	102	800 x 600	B/E/X/P
In-Sight 7402	12x	60	1280 x 1024	B/E/X/P
In-Sight 7230	6x	102	800 x 600	OCR
In-Sight 7430	12x	102	800 x 600	OCR
In-Sight 7432	12x	60	1280 x 1024	OCR
In-Sight 7210	6x	102	800 x 600	I
In-Sight 7410	12x	102	800 x 600	I
In-Sight 7412	12x	60	1280 x 1024	I

Notes:

1) Speed rating compared to In-Sight Micro 1020 model and does not include image capture rate.
2) Image Capture Rate is based on minimum exposure, and a full image frame capture.
3) Supported Tools:

    [B] Base tool set includes pattern, edge, blob, and circle tools.

    [E] Essential tool set includes: blob, edge, curve and line finding, histogram and geometry tools, image filters, pattern matching, and standard calibration.

    [X] Extended tool set includes: non-linear calibration and caliper tool. PatMax® option available.

    [P] PatMax available

    [I] ID tool set includes: 1D/2D barcode reading and verification, text reading and verification (OCR/OCV) and image filters.

    [OCR] OCR only model