Smart Sensors and Cameras

Ensure precision in warehouse and manufacturing

Reduce production defects, increase throughput and improve efficiency with Zebra's smart sensors and cameras.

Iris GTX Smart Camera

Fast high-resolution image sensing, efficient dual-core embedded processing, and comprehensive I/O capabilities.

VS20 Machine Vision Smart Sensor

Multiple connectivity options easily integrate into PLCs or host networks, enabling primary machine vision applications to feed all the processes that drive business.

VS40 Machine Vision Smart Camera

Breadth of functionality and options support a variety of inspection applications on the production line. Tailor the device by choosing options that include lenses, illumination, connectivity, power and filters.

VS70 Machine Vision Smart Camera

Address complex quality inspection requirements with options to easily achieve the right depth of field, the right working distance and the right lighting for challenging parts and works-in-process.

BANCOLINI SYMBOL

ZEBRA

Smart Sensors and Cameras

Form compact all-in-one vision systems

Model	Image	Software	Image Sensors	Resolution	Effective Frame Rate
Iris GTX 2000 / 2000C		Aurora Design Assistant	1 / 2.2 in	1920 x 1200	Up to 70 fps Up to 17 fps
Iris GTX 5000 / 5000C		Aurora Design Assistant	2 / 3 in	2592 x 2048	Up to 41.7 fps Up to 10 fps
Iris GTX 8000 / 8000C		Aurora Design Assistant	1 / 1.1 in	4096 x 2160	Up to 39.6 fps Up to 10 fps
Iris GTX 12000 / 12000C		Aurora Design Assistant	1 in	4096 x 3072	Up to 28 fps Up to 7 fps
Iris GTX 18000 / 18000C		Aurora Design Assistant	1.1 in	4000 x 4000	Up to 21.6 fps Up to 5 fps

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Smart Sensors and Cameras

Form compact all-in-one vision systems

Model	Image	Software	Illumination	Image Sensors	Resolution	Acquisition Rate
VS20		Aurora Focus	• 2x Red (660 nm) OR • 2x White (2700K)	¼ in	1280 x 800	Up to 60 fps
VS40 2.3 MP		Aurora Focus	• 8x Red (660 nm) • 8x Blue (470 nm) • 8x IR (850 nm) • 8x White (2700K)	1 / 2.3 in	1920 x 1200	Up to 60 fps
VS40 5.1 MP		Aurora Focus	• 8x Red (660 nm) • 8x Blue (470 nm) • 8x IR (850 nm) • 8x White (2700K)	1 / 2.5 in	2592 x 1952	Up to 30 fps
VS70 2.3 MP		Aurora Focus	Supports many standard illumination systems while powered by a 24 VDC supply	1 / 2.3 in	1920 x 1200	Up to 60 fps
VS70 5.1 MP		Aurora Focus		1 / 2.5 in	2592 x 1952	Up to 30 fps

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Machine Vision Cameras

Fit right into multi-camera inspections

Model	Image	Software	Image Sensors	Resolution	Effective Frame Rate
CV60 2.3 MP			1 / 2.3 in	1920 x 1200	50 fps
CV60 5 MP			2.3 in	2448 x 2048	22 fps
CV60 8.9 MP			1 in	4096 x 2160	12 fps
CV60 12.3 MP			1.1 in	4096 x 3000	9 fps

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3D Sensors

Ensure exceptionally accurate three-dimensional reproductions

Model	Image	Software	Field of View (FoV)	Laser Color	Range
AltiZ D4SR		• Aurora Design Assistant • Aurora Imaging Library	Near: 55 mm Far: 75 mm	Red (660 nm)	70 mm
AltiZ D4SB		• Aurora Design Assistant • Aurora Imaging Library	Near: 55 mm Far: 75 mm	Blue (405 nm)	70 mm
AltiZ D4MR		• Aurora Design Assistant • Aurora Imaging Library	Near: 85 mm Far: 165 mm	Red (660 nm)	225 mm
AltiZ D4LR		• Aurora Design Assistant • Aurora Imaging Library	Near: 110 mm Far: 310 mm	Red (660 nm)	385 mm

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Vision Controllers

Power vision installations

Model	Image	Software	Available Ports	Expansion Slots	CPU
Supersight Solo		• Aurora Design Assistant • Aurora Imaging Library	• 2x Gigabit Ethernet • 11x USB • 6x SATA3 • 1x RS-232/RS-485 • 3x RS-232	7 or 11	Intel Core i7-8700
Supersight Duo		• Aurora Design Assistant • Aurora Imaging Library	• 2x Gigabit Ethernet • 11x USB • 6x SATA3 • 1x RS-232/RS-485 • 3x RS-232	10	Intel Core i7-8700
Supersight Quad		• Aurora Design Assistant • Aurora Imaging Library	• 2x Gigabit Ethernet • 11x USB • 6x SATA3 • 1x RS-232/RS-485 • 3x RS-232	8	Intel Core i7-8700
4Sight EV7		• Aurora Design Assistant • Aurora Imaging Library	• 6x Gigabit Ethernet • 4x SuperSpeed USB • 1x RS-232/RS-485 • 1x RS-232	0	Intel Core i5-1250PE / Intel Core i3-1220PE
4Sight XV6		• Aurora Design Assistant • Aurora Imaging Library	• 2x Gigabit Ethernet • 12x USB • 8x SATA3 • 1x RS-232/RS-485 • 5x RS-232	4	Intel Core i5-8500

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