

		3AM	Opsys Technologies	ENSENTO	FEURESYS	HIKROBOT	IDS	ix Cameras	LENSATION	LMI TECHNOLOGIES	MITEC	Opti	BEYOND	TELEDYNE DALSA Everywhere you look	xcitex	Xenics	Z-LASER	THE IMAGING SOURCE TECHNOLOGY BASED ON STANDARDS	MECH MIND
Interface	GigE		✓	✓		✓	✓					✓		✓		✓		✓	✓
	Camera Link			✓	✓	✓	✓							✓		✓			
	CoaXPress				✓	✓								✓					
	USB3.0					✓								✓					
	Embedded					✓	✓							✓				✓	
Camera & Frame Grabber	Line Scan Camera					✓						✓		✓					
	Vision Sensor / Embedded					✓	✓					✓		✓				✓	
	3D Camera			✓		✓	✓			✓			✓	✓					✓
	High Speed Camera							✓											
	Infrared / Thermal Camera													✓		✓		✓	
	Frame Grabber				✓	✓	✓							✓				✓	
Software	Smart Vision Software					✓					✓	✓		✓					✓
	Machine Vision Software				✓	✓					✓			✓					
	Motion Analysis Measure														✓				
PC	Vision Controller / PC					✓						✓		✓				✓	
Accessory	Lighting	✓			✓				✓			✓					✓	✓	
	Optic				✓				✓			✓				✓	✓	✓	

HIKROBOT



HikRobot is a part of HikVision with a large range of machine vision equipment. From line to area scan camera up to 25 Megapixel and embedded boards. The smart cameras and vision sensors are available as open-source version.
3D application can be covered with the specific products.

EURESYS™



Euresys is a leading supplier of video acquisition and processing components for machine vision and video surveillance applications.
The offer covers a wide range of video sources like SDI / HDMI / DVI and CoaXPress.

IDS



No other manufacturer owns as much experience as IDS in the development and use of USB industrial cameras. IDS offers Frame Grabbers, USB2.0, USB3.0 and GigE cameras with resolutions up to 10 megapixels and incomparable drivers tool and SDK.

TELEDYNE DALSA

Everywhere you look™







Full range of camera for every application, from VGA to 86 Megapixel. With GigE, GigE 5 or 10 and CameraLink. A supplier which covers all needs with the production of its own sensors.
DALSA's proprietary TurboDrive technology allows Genie Nano to deliver its full image quality at faster frame rates — often 150% or higher — with no changes to your GigE network.

THE IMAGING SOURCE®


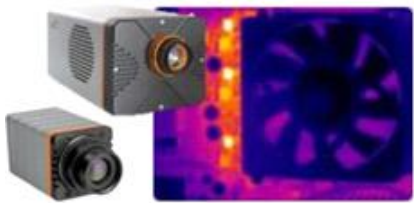
TECHNOLOGY BASED ON STANDARDS





The Imaging Source is a long-standing camera manufacturer offering cameras with USB 2.0, USB 3.0, GigE as well as MIPI such as CSI-2, FDP-Link III and GMSL2. Embedded boards such as deserialiser boards are available. Cameras with integrated zoom optics and autofocus solutions are also available. Video signal converters enable flexible connection of different video sources to end devices.

Smart / Embedded	 TELEDYNE DALSA <i>Everywhere you look</i>  <p>From the simple Vision Sensor to the smart camera up to the Vision Systems including hardware and software. Dalsa offer a complete line to solution for every application and needs.</p>
	  <p>Hik Robot offers a wide range of code reader, vision sensor and smart camera. The resolution goes up to 8 Megapixel. The software is easy to use and high performance. A built-in illumination helps to acquire the best image quality. The Lenses cover the C-mount and the S-mount standard. The design is robust and compact to fit in all situations.</p>

Line Scan	 TELEDYNE DALSA <i>Everywhere you look</i>  <p>CoaxPress, CameraLink & GigE Vision Line Scan Camera designed to meet the most demanding requirements of today's machine vision applications.</p>
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IR / Thermal	  <p>Xenics is a well-established Belgian company which develops high end infrared cameras for Security, Science or Industrial applications. The solutions offered by Xenics cover the SWIR to LWIR (thermal) range from 0.4 to 14µm and not under ITAR limitations.</p>
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Vision Controller	 TELEDYNE DALSA <i>Everywhere you look</i>  <p>Designed from Dalsa for the factory floor and machine vision use. For multi camera configuration and Embedded Application Software.</p>
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High Speed	<div data-bbox="343 241 579 327">  </div> <div data-bbox="240 333 691 539">  </div> <div data-bbox="721 320 1425 463"> <p>iX-Cameras offers high speed cameras with resolution up to 3.0 MPixel, capable of capturing 12,500 frames per second@1080p resolution which makes the i-SPEED 7 simply the fastest HD cameras available on the market!</p> </div>
Software	<div data-bbox="320 638 604 732">  </div> <div data-bbox="268 743 670 931">  </div> <div data-bbox="721 716 1442 864"> <p>Open eVision 1.2 is a rich suite of reliable, powerful and flexible software tools dedicated to image processing and analysis. Open eVision contains a set of 64-bit and 32-bit libraries designed to be integrated into our C++, .NET or ActiveX application.</p> </div>
	<div data-bbox="213 963 419 1028">  </div> <div data-bbox="544 963 711 1028">  </div> <div data-bbox="213 1043 718 1234">  </div> <div data-bbox="721 967 1468 1225"> <p>HALCON provides outstanding performance and a comprehensive support of multi-core platforms. SSE2 and AVX. As well as GPU acceleration. It serves all industries with a library of more than 2000 operators for blob analysis, morphology, matching, measuring, identification, and 3D vision, deep learning to name just a few. MERLIC is an all-in-one software product for quickly building machine vision applications without programming.</p> </div>
	<div data-bbox="209 1249 721 1335">  </div> <div data-bbox="213 1370 718 1527">  </div> <div data-bbox="721 1328 1414 1471"> <p>iNspec is a vision software designed to simplify design in automated inspections. Configure quickly vision application. Sherlock is an advance machine vision software with a high flexibility and provides a rich suite of fast tools and capabilities.</p> </div>
	<div data-bbox="371 1556 564 1648">  </div> <div data-bbox="213 1682 718 1823">  </div> <div data-bbox="721 1650 1428 1758"> <p>ProAnalyst provides motion analysis tools that can be applied to any video or image sequence. With ProAnalyst, any digital video camera becomes a measurement instrument.</p> </div>

3D Camera	  <p>GET A GRIP ON 3D IMAGING!</p> <p>Very compact & easy to use 3D system, based on “Projected Texture Stereo Vision” make possible to run live viewing of 3D data points at a speed of 30fps.</p>
	  <p>LMI technologies offer world-class 3D scanning and inspection solutions engineered from the chip level up. LMI have solutions for 3D Modeling, Quality control and 3D Surface Metrology with resolutions down to 70nm.</p>
	  <p>Mech Mind offers a simple and safe system for picking loose products in the bin. The symbiosis of hardware and software provides a stable solution for bin picking applications with robots. All known robots are integrated in the software. Thanks to artificial intelligence and object-oriented parameterization, complicated programming is not necessary.</p>
	    <p>Seeyond is a leading manufacturer of LIDAR sensors for industry. With a range of up to 500 metres and a frame rate of 30 scans per second, these sensors are suitable for fast and precise applications. The high measurement precision and the adapted wavelength of the laser make these devices robust and reliable. Seeyond LIDARs are already used in applications such as Driver assistance, smart city, smart highway, vehicle over management, smart railway, smart mining and many more.</p>
	   <p>OPSYS has specialised in compact LIDAR devices without any moving parts. The service life is very long thanks to this precise and robust technology. The devices have built-in intelligence (on the harrow) which recognises objects, vehicles and living creatures. A simple adjustment of the 3D areas is easily possible. The devices are used in industry, security and healthcare.</p>

Optic and Lighting	  <p>3AM offers a wide range of lightings for cost sensitive Machine Vision applications.</p>
	  <p>The Lens company with M12 and C/CS mount lenses also special and zoom lens.</p>
	  <p>Z-Laser is a manufacturer of laser systems and laser projectors in a variety of industries. High qualities standard as well tailor made solution works with a very high life time and reliability.</p>
	  <p>Large range of lightings and optical lenses. Dome, Ring, coaxial line Illuminations and also standard, megapixels and telecentric lenses.</p>