

# inspect

## Buyer's Guide

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# 7

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# BUYER'S GUIDE 2022

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# We are overcoming Corona – still!



In the 2021 Buyers Guide editorial, I wrote that our industry would not only endure the Corona pandemic, but emerge stronger. And this year, I could write another We Overcome Corona editorial. Unfortunately.

Sales-wise, things are actually looking great: True, sales in the European machine vision industry fell 4 percent in 2020, according to VDMA. But given the slump still expected at the end of 2020, things were actually going quite well. By way of compar-

ison, the German mechanical engineering sector as a whole lost 12 percent in real terms in a year-on-year comparison in 2019/2020.

Machine vision has been helped by the familiar factors: opening up new areas of application, for example in the electronics and semiconductor industries, but also in medical technology, agriculture, transport and retail. The list is long and continues to grow. This trend is made possible, among other things, by technological advancements: Embedded Vision, Deep Learning and 3D Vision are just the most prominent examples.

For these reasons, the VDMA is forecasting sales growth of 7 percent for 2021 – and for 2022 as well. But the question is, how reliable is this forecast and how sustainable is this trend if the pandemic drags on, if incidences chase from record to record, if new variants continue to fuel the incidence of infection and lockdowns become mandatory after all, despite all the denials from politicians? Of course, some sectors are resistant to the crisis, such as the food industry. Others are even among the winners of the pandemic. But ultimately, they are all interrelated, so that even a medical technology or semiconductor industry cannot grow in the long term if many other industries are suffering and the economic system as a whole is struggling. This is why we can only be half happy about the expected sales increases in the machine vision industry. In the end, there is only one thing to do: We must finally overcome this pandemic and do everything we can to make this happen.



**The VDMA is forecasting sales growth of 7 percent for 2021 – and for 2022 as well.«**

That is what I wish us all, and I also wish you an outstandingly good year in 2022.

**David Löh**  
Editor-in-Chief of inspect



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## 11 Company Profiles



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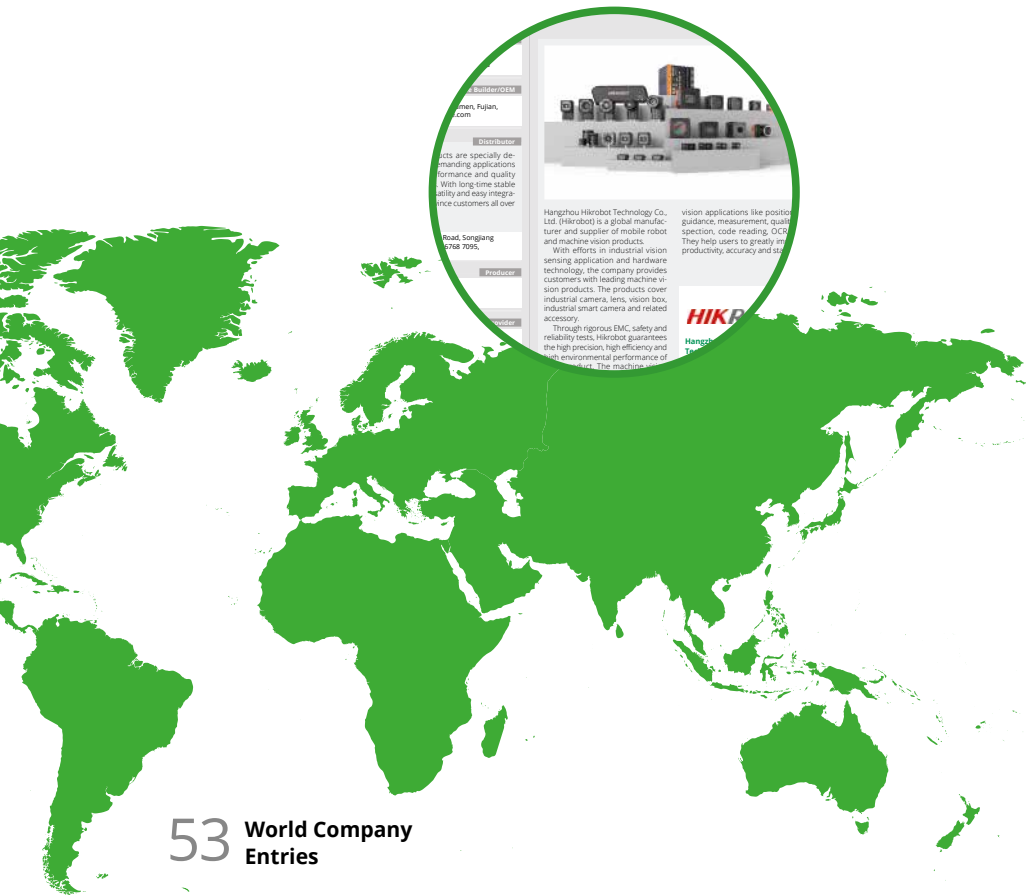
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# Machine Vision and Optical Metrology in Europe

The inspect Buyer's Guide 2022

Throughout the year, we aim to provide you with information about new developments, technological trends, groundbreaking applications, new products and leading companies. Throughout the year, we are faced with the recurring challenge: What to select, what to highlight, what to point out. There is never enough room to cover it all. So once a year we seize the opportunity to present to you a comprehensive overview of the machine vision and optical metrology industries.

Buyer's Guide

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www.asilicon.com, United Kingdom

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Adimec Advanced Image Systems BV  
9617 FA Hinderloo, Netherlands

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Aerotech GmbH  
90768 Fürth, Germany

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*Optik Photonik*  
Allied Vision Technologies GmbH  
07614 Staßfurt, Germany

*Optik Photonik*  
Ametek GmbH  
40670 Meerbusch, Germany

---

*Optik Photonik*  
AT - Automation Technology GmbH  
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*autoVivation*  
autoVivation GmbH  
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*Optik Photonik*

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**Products**  
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**Associations**  
AMA, EMVA, USA

**Regions served**  
Worldwide

Companies providing a full-fledged company profile will be additionally found in multiple categories with the keyword search.

# INDUSTRIAL GRADE CAMERAS & CUSTOM OEM SOLUTIONS

The inspect Buyer's Guide is published in its 13th year now, for the 14th time it also serves as the official Buyer's Guide of the EMVA, the European Machine Vision Association. The guide contains information about more than 500 companies from over 30 countries. The inspect Buyer's Guide has a clear focus on companies doing business in Europe or exporting their goods to Europe. Naturally, this comprises companies and organizations from all over the world.

## Online ...

The inspect Buyer's Guide is a true cross-media product. On the one hand, it is based on the printed annual publication, on the other hand on our portal [www.wileyindustrynews.com](http://www.wileyindustrynews.com). Here, under the Buyer's Guide tab, you will find all participating companies, including further information about the company. Wherever you are, you will find what you are looking for in the Buyer's Guide – either in the printed version or on our portal. Additionally, here you will find all the news on machine vision and photonics that move the industry, as well as interesting technology reports and applications.

Companies wanting to provide more information and aiming at even better search results are listed with a company profile, including detailed company data and a listing of products offered, industries served and applications catered to.

The online Buyer's Guide is open for companies within the scope of the inspect all year round. In this way it is always up-to-date.

## ... and Print

The availability of data online is a clear benefit when presented with clever search functions. However, sometimes you do not want to bother going online, or you don't want to search specifically but rather obtain a quick overview. In these instances a printed version has its unchallenged advantages. Not to mention the ease-of-use when taking notes right next to the provided data. Thus, once a year the printed edition of the inspect Buyer's Guide is provided to you. With this guide we aim to give you a full overview that is still easy to use, a complete set of information that is still not too subdivided into too many categories.

The inspect Buyer's Guide 2022 is divided into three main chapters: Topics, company profiles for the main global regions, and company listings for the main product categories. In an industry as innovative and dynamic as ours it will most likely never be possible to provide an overview that is final and complete, but we do our best to come as close as possible. ■

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# Standards IP Protection and Cooperation for Future Vision Tech Development

How the EMVA Prepares for the Next Generation and Future Interpretation of Standards



In 2021 the EMVA has adopted a new set of internal standards development policies and entered into cooperation with the Khronos Group by establishing an Exploratory Group to evaluate the potential for an Embedded Camera API. EMVA's President Chris Yates and Standards Manager Werner Feith talk about the backgrounds of these efforts in a changing machine vision environment, the effects on the individual standards working groups and how these fits into the context of growing Chinese interests in gaining ground on the standards playing field.

**inspect:** The EMVA currently hosts the four machine vision standards GenICam, EMVA 1288, emVision and OOCI. Standardization of all topics in machine vision tends not to be the sexiest one to talk about. What makes standards so essential in our industry?

**Chris Yates:** Well, the sexiness of standards is changing rapidly these days. But one by one:

When trying to understand the significance of common global standardization activities GenICam serves as the perfect example to illustrate these achievements. The roots of GenICam go back to 2005 till 2006 when technical groups started to develop GigE Vision as a hardware, or "wire"-based interface standard for machine vision applications. While working on this topic the engineers realized that any vision system needs camera independent software concepts to run application software on a PC. This became the starting point to set up the GenICam working group which decided to host the standard at the EMVA and had the first release of the standard specification in 2006. Over the past 15 years, with the continuous support of its host association, GenICam has evolved to the true enabler interface and foundation that all machine vision hardware interface standards build upon. With its features, the common interface concept of GenICam helps to get new "wire" standards to the market much faster; it also helps on the user side to keep the changes of the host application low when a new wire standard is implemented.

**Werner Feith:** An important milestone was the global industry backing of common standard development initiated in 2009. By then, machine vision associations in Europe (EMVA), North America (A3), and Japan (JIA) entered

into the global 'G3 Cooperation' agreement to help coordinate the development and promotion of global machine vision standards. With the VDMVA in Germany and CMVU in China joining the cooperation a few years later the G3 today is a global umbrella over all machine vision standardization activities. There is no doubt that this common collaboration on standards development has been a key enabler in the widespread adoption of machine vision technology across numerous industry verticals.

**inspect:** So why after all these achievements now the efforts to create a complete new set of rules for standards development?

**Yates:** Intellectual property is an important aspect of standards development within the EMVA and the hosted working groups, where multiple expert contributions are combined to create the final standard. It is important for companies, whose employees contribute to a standard, to have a clear legal basis for contributions. Similarly, companies which hold relevant patent IP should not have their rights reduced through participation in a standard's development and have a clear framework for use of any patents within a standard. These new policies provide a clear legal framework for all contributions to a standard together with any reference- or standard-testing imple-





**Intellectual property is an important aspect of standards development within the EMVA and the hosted working groups, where multiple expert contributions are combined to create the final standard. It is important for companies, whose employees contribute to a standard, to have a clear legal basis for contributions.«**

**Chris Yates**, EMVA President

mentations. At the same time the rights and responsibilities of the working groups hosted by the EMVA are clarified. We also note the much wider recognition of these standards and their increasing importance in the global industry. The result is a consistent set of modern policies which has the support of all stakeholders and will enable the ongoing development and protection of EMVA hosted standards for the future. Additional important aspects of the new policies, include the commitment to ensure that companies who contribute to standards and which hold necessary patents for the standard are prepared to issue RF-FRAND (Royalty-Free-, Fair, Reasonable and Non-Discriminatory) licenses to users of the standard. This ensures that company IP is protected without creating barriers to adoption.

**Feith:** Reference implementations are software often used to ensure that manufactured devices which use a standard are compliant. They play an important role in the use of a standard, particularly in product compliance, and typically represent valuable contributions from many individuals and companies. The new policies allow for the IP encapsulated in reference implementations to be managed and licensed by a nominated group representing both the EMVA and the working group, to ensure the best protection and

active management. In the forthcoming period, all current members of hosted working groups will reapply for working group membership and through this action, will be protected by the newly adopted development policies.

**inspect:** Which additional aspects played a role in designing these new rules?

**Yates:** From a European and global machine vision perspective, it is important to understand how the evolution of global standards development could affect the industry, while also seeking practical approaches which will ensure the successes of the past decades are continued into the future. This is particularly important in a European context, where EU wide initiatives to develop industry standards are less well developed. I mention this in the context that the role of standardization in machine vision can also be seen to be entering a new period of evolution. As the machine vision industry has matured and increased its size and visibility, the processes used by the standards working groups should also change. Key commercial concerns such as liabilities, IP rights and protection, and ownership of contributions to standards, as well as potential license fees, should be addressed in a professional framework which meets the needs of all stakeholders. Additionally, stand-

ards play an important role in an increasingly connected world and leadership in standards development is playing a more geopolitical role.

**Feith:** Taking an actual example which occupies the standards community at the moment, China recently published a "China Standards 2035" roadmap which outlines a strategy to make the country a leader in standards development, including building its own set of standards in key technologies. This could place a potential threat to all common global standardization activities and build-up market barriers to "outsiders" which want to make business in China. In this context, standardization can also be understood as a powerful tool to de-facto control market access conditions. Already, a large number of national standards in China have no reference to international standards. The China Compulsory Certification (CCC) as a mandatory certification and labelling of many electronic products is based on national standards. There are high activities in all kind of economic sectors in China where private sector associations engage in voluntary standards development. This is something we as a relatively small machine vision community have to take care of and put our efforts both in the protection of our IP rights but at the same time do everything to main-



tain market access of European machine vision players in all other parts of the world. And with this, we've also come full circle as some stakeholders discovered a sexy new side of standardization, however unfortunately to the downside of others.

**inspect:** What about the cooperation with Khronos Group?

**Yates:** Khronos Group and the EMVA started a new collaboration early 2021 to explore the cross-industry need for the development of a new open, standardized camera API, through the formation of an open Exploratory Group. Over 75 separate companies have joined the group and after almost one year of weekly meetings with very strong participation, a clear agreement has been reached of the need to develop a new standardized API.

One very interesting aspect of this collaboration has been the bringing together of two different communities; while many machine vision companies have a strong background in industrial automation, the Khronos group represent platform players, chip providers, as well as companies operating in diverse areas such as consumer devices, medical, AR/VR, and automotive technology. This has certainly provided a unique foundation and network to build on in the next phase of the cooperation.

**inspect:** And what is the status of this initiative, will there be a new embedded standard soon?

**Feith:** We are happy to announce that the exploratory phase has completed its work and a Statement of Work will be completed before the end of 2021 prior to the start of actual design work. A call for participation from industry players will establish a working group following the beginning of the New Year and the working group can be expected to start its work by February 2022. The cooperation between EMVA and Khronos will continue throughout the coming design phase, as a formal joint initiative of the two organizations. Importantly, this will mean that the EMVA will be able to directly participate in the working group as well as influence design development and contribute to the new standard. This entire process represents a major new direction for standardization in Embedded Vision through cooperation between leading associations and their associated members and EMVA has paved the way for its members to take part in the biggest effort on embedded vision standardization of the last decade in a well-defined path. ■



China recently published a 'China Standards 2035' roadmap which outlines a strategy to make the country a leader in standards development, including building its own set of standards in key technologies. This could place a potential threat to all common global standardization activities and build-up market barriers to 'outsiders' which want to make business in China. In this context, standardization can also be understood as a powerful tool to de-facto control market access conditions.«

**Werner Feith**, EMVA Standards Manager

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Bilder: EMVA

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16 **Showcase** Ximea

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## About AutoVimation

AutoVimation builds protective camera enclosures and provides a wide range of accessories that allow the use of vision systems in almost any environment. Thanks to the patented camera mount, the enclosure works like a heat-sink and cools the installed camera, so it can be used in higher ambient temperatures.

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- Megalodon for cameras slightly too big for the Orca enclosure
- Cross-Polarising filter eliminating reflections with the Meganova LED ring light



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### Management

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 sales@autovimation.com

**Foundation**  
 2008

**Staff**  
 4

### Products

Protective Camera and Laser Enclosures and Accessories, LED Ring Light, Mounting Equipment, R&D, other

### Applications

Character Recognition, Digitalization, High Speed Analysis, Inspection Piece Parts, Inspection Webbed Material, Material Testing, Metrology 2D/3D, Robot Vision 2D/3D, Particle Analysis, Part Identification, Symbol Recognition, Thermography

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**Companies represented**  
 Swivellink

**Associations**  
 VDMA

### Regions served

Africa, Asia, Australia, China, Central Europe, EMEA, Europe, Japan, Latin America, North America, national, ROW

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**Foundation**  
 1983

### Staff

ABB Robotics is part of the ABB Robotics & Discrete Automation business area, which, together with the Machine Automation Division, employs more than 11,000 people at over 100 locations in more than 53 countries.

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### Applications

Character Recognition, High Speed Analysis, Inspection Piece Parts, Metrology 2D, Part Identification, Particle Analysis, Robot Vision 2D, Symbol Recognition

### Industries served

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 VDMA

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Dr. Boris Lange, Manager Imaging Europe

### Foundation

1942 in USA, 2000 in Germany

**Staff** appr. 1,000

### Products

Cameras, Imaging Lenses, Lighting Equipment, Microscopes, Optics, Optical Components, etc.

### Industries served

Electronics/Semiconductors, Medical Technology, Mechanical Engineering, Line Building, Pharmaceutical, Cosmetics, Chemical, Precision Engineering, Optics, Machine Vision, Traffic, Logistics, etc.

### Associations

AIA, EMVA, JIIA

**Regions served** Worldwide



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## About Matrix Vision

Matrix Vision is a manufacturer of components for industrial machine vision and is well-known for its wide and varied product range of industrial cameras, embedded vision solutions, intelligent cameras, smart 3D cameras and software. Based on a flexible modular camera kit Matrix Vision also develops customized solutions for special requirements, ranging from the individual component to the complete functional unit.

Based on many years of experience as a vision pioneer, we shape the future of industrial machine vision as an active member of the standardization



bodies for GigE Vision, USB3 Vision, and GeniCam.

Since 2017 Matrix Vision has been a subsidiary of Balluff GmbH and is globally represented with a total of 68 Balluff offices worldwide.

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Tobias Thullner, VP Finance & Administration

Dirk Muschert, Head of Global Key Account and Industry Management

Marcus Bleise, Head of Global Sales

### Foundation

1986

### Staff

100-200

### Products

Industrial Cameras, Embedded Vision Cameras, USB3, GigE, 10GigE, and PCI Express Cameras, Smart Cameras, Software

### Applications

High Speed Analysis, Inspection Piece Parts, Inspection Webbed Material, Material Testing, Metrology 2D, Part Identification, Particle Analysis, Robot Vision 2D, Symbol Recognition, Others

### Industries served

Automotive and Suppliers, Electronics/Semiconductors, Energy/Water/Solar Technology, Foodstuffs/Beverages, Glass/Ceramics, Mechanical Engineering/Line Building, Medical Technology, Metal, Packaging, Paper/Wood, Pharmaceuticals/Cosmetics/Chemicals, Plastics, Precision Engineering/Optics/Machine Vision, Traffic/Logistics, Other

### Associations

AIA, VDMA, PPMA

### Regions served

Africa, Asia, Australia, Central Europe, China, EMEA, Europe, Japan, Latin America, North America



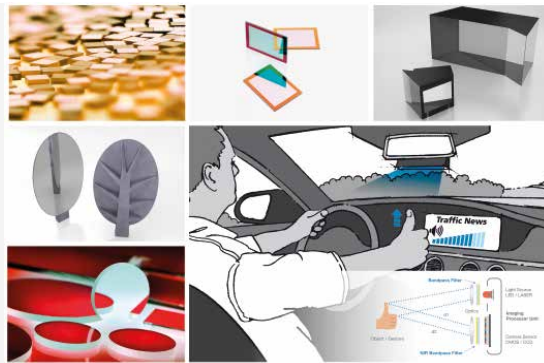
### Matrix Vision GmbH

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71570 Oppenweiler  
Germany  
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Fax: +49 7191 9432 288  
[info@matrix-vision.de](mailto:info@matrix-vision.de)  
[www.matrix-vision.com](http://www.matrix-vision.com)

## About Materion Optics Balzers

Materion Balzers Optics is a global leader in optical thin film coating solutions. We are the preferred partner for providing innovative optical coatings and solutions for over 70 years. From the UV through the Far IR, we custom manufacturer and supply precision optical filters and coatings. As a high-tech company with five production sites worldwide, our focus is on a variety of markets such as Life Science, Industry, Consumer, Lighting, Space, Defense and Automotive. With a full range of unparalleled products, services, and support technologies, our customers benefit from our strategically located global facilities that provide regional manufacturing and technical support.

Materion Balzers Optics superior quality products are fully supported by a large volume manufacturing environment that produces highly repeatable results, contributing to reduced costs and market advantage. We also have scalable processes that are economical for customers who require small quantities. Our technical expertise and access to broad resources throughout Materion, we are uniquely positioned to offer solutions to our customer's most demanding challenges. Our offerings include Filter Arrays, DLC, Ultra-Narrow Bandpass, Linear Variable, High Reflector, Patterned Coatings, Wafer Level Coatings, and Getters, and many others.



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Switzerland, Austria  
 Tel.: +423 388 9216

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 Tel.: +1 978 589 6255

Asia  
 Tel.: +81 806 810 0446

**Foundation**  
 2009 / 1946

**Staff**  
 800

**Products**  
 Optics, Optical Coatings,  
 Optical Components

**Industries served**  
 Automotive, Medical Tech-  
 nology, Packaging, Precision  
 Engineering/Optics/Machine  
 Vision, Semiconductor, Space

**Applications**  
 Others

**Regions served**  
 Americas, Asia, EMEA, Europe

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## About Micro-Epsilon

Micro-Epsilon is a medium-sized company which plays a leading role in measurement technology. For more than 50 years we have offered reliable, high performance, unique solutions particularly when high precision measurement and inspection is required. Our product range covers sensors for the measurement of distance and displace-

ment, sensors for IR temperature measurement and color detection, as well as systems for dimensional measurement and defect detection.

Innovative products that provide the highest level of precision are created through intensive research and development, unique expertise and a large network of collaborative operations.



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 Fax: +49 8542 168 90  
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 info@micro-epsilon.ch

**Foundation**  
 1968

**Staff**  
 1,000

**Products**  
 Vision Sensors/Smart Cameras,  
 Optical Instruments, Turn-Key  
 Systems, Other

**Applications**  
 Inspection Piece Parts, Metrology  
 2D, Metrology 3D, Robot  
 Vision 2D, Robot Vision 3D,  
 Part Identification, High Speed  
 Analysis, Thermography

**Industries served**  
 Automotive and Suppliers,  
 Electronics/Semiconductors,  
 Foodstuffs/Beverages, Glass/  
 Ceramics, Mechanical Engineer-  
 ing/Line Building, Medical Tech-  
 nology, Metal, Paper/Wood,  
 Pharmaceuticals/Cosmetics/  
 Chemicals, Plastics, Precision  
 Engineering/Optics/Machine  
 Vision, Traffic/Logistics

**Associations**  
 AMA

**Regions served**  
 Asia, China, Europe,  
 North America, South/Central  
 America, national

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## About Opto



Multi-fluorescence, flow cytometry, laser-integration and microfluidic lab on a chip imaging applications, for the integration into machines or POCT devices are our daily business.

Opto produces intelligent digital microscopes and vision sensors as imaging modules and job modules for medtech and industry applications in standard and custom versions.

We deliver AI ready images and specific DATA sets to be implemented into biomed screening machines and industry 4.0 solutions.

Opto designs and produces standardized job modules with special software for dedicated applications. Plug and operate.

With over 40 years of experience in delivering specific opto-mechatrical solutions together with high end software features we are the perfect partner for integrators, product manufacturers and machine builders.



**Opto GmbH**  
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### Office(s)

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Tel.: +33 475 53 1400  
info@opto-france.com

### Management

Markus Riedi, CEO  
Thomas Rampertshammer,  
CCO

### Foundation

1980

### Staff

50+

### Products

Imaging Modules, Digital  
Microscopes, Custom OEM  
Modules, Job Modules, Vision  
Sensors, Software

### Applications

Flow Cytometry, Microfluidic, Cell Analysis, Inspection, Material Testing,

### Industries served

Biotechnology, Automotive and Suppliers, Electronics/Semiconductors, Mechanical Engineering, Medical Technology, Metal, Precision Engineering/Optics/Machine Vision, Molecular Biology, Pathology, Oncology, Bioscreening, Medtech, Machine Vision, Microscopy, Ophthalmology, IVF

### Associations

AIA, EMVA, VDMA,  
Bayern Photonics, EPIC

### Regions served

Asia, Australia, China, EMEA, Europe, Japan, Latin America, North America

## About SVS-Vistek

SVS-Vistek GmbH – a member of the TKH Group – is an innovative manufacturer of high-quality cameras for industrial image processing for more than 30 years. We are known for state-of-the-art, high-resolution cameras that push the boundaries of what is possible in machine vision.

Our range of products include standard cameras as well as custom designed or modified cameras. We are committed to the highest image quality and use the latest interfaces in our cameras. We offer unique know how and experience in the field of machine vision.



With powerful components such as lenses, lighting, filters, frame grabbers and cables, we support customers in the realization of economical and, if necessary, individual image processing solutions for a wide range of industries.

### Management

Dipl.-Phys. Walter Denk, CEO  
Björn Krasemann, Procurement  
Patrick Schläfle, Procurement

### Foundation

1987

### Staff

60-100

### Products

Cameras, Consulting, Frame Grabber, Integration Services, Interfaces/Cables/Peripherals, Lighting Equipment, Optics, Software, Vision Sensors

### Applications

Character Recognition, High Speed Analysis, Inspection Piece Parts, Metrology, Part Identification, Robot Vision, Symbol Recognition, Others

### Industries served

Automotive and Suppliers, Electronics/Semiconductors, Energy/Water/Solar Technology, Foodstuffs/Beverages, FPD Quality Control, Glass/

Ceramics, Mechanical Engineering/Line Building, Metal, Packaging, Paper/Wood, Pharmaceuticals/Cosmetics/Chemicals, Plastics, Precision Engineering/Optics/Machine Vision, Traffic/Logistics

### Companies represented

Euresys, Kowa, Moritex, Myutron

### Associations

AIA, EMVA, VDMA, CMVU, JIIA

### Regions served

Asia, Central Europe, China, EMEA, Europe, Japan, Latin America, North America



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info@svs-vistek.com  
www.svs-vistek.com

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## About Ximea

### Ximea – Imaging Beyond the Standard

Technology-driven and always seeking innovative solutions, we focus on extremely fast interfaces and the newest sensor technologies, packaged into super small and robust camera housings. In all our designs we strive to propel our core properties: maximum sensor performance, ease and flexibility of integration, super low latencies, and power efficiency.

We divide our portfolio into segments, such as industrial, scientific, embedded, multi-camera, and custom engineering. While these segments create broad classifications, the applications for our camera systems are endless. Ultimately, it is our custom-

ers' requirements matched with the features of the camera that determine the solution.

Ximea serves all types of tech companies around the world, from global players to small start-ups. Our camera technologies allow the customers to make their applications possible or elevate their products to new standards.

Mutual exchange and interactive collaboration is the essential philosophy of Ximea. Together with our clients, our experienced and talented technical engineering team faces complex demands and solves individual challenges, not only with standard products but also with anything from small modifications to full custom designs.

#### Office(s)

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Fax: +1 303 202 6350

#### Ximea s.r.o.

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Fax: +421 2 205 104 27

info@ximea.com  
www.ximea.com

#### Management

Dr. Vasant Desai, CEO  
Michail Klimkovic, CEO  
Jürgen Hillmann,  
Managing Director

#### Foundation

2010

#### Staff

11–50

#### Products

Hyperspectral-, X-Ray-, USB-,  
PCIe-, Subminiature Cameras,  
OEM Cameras



#### Applications

Astronomy, (Aerial) Mapping,  
Digitalization, Metrology 2D/3D,  
Microscopy, Part Identification,  
Particle Analysis, Robot Vision  
2D/3D, Symbol Recognition, Virtual Reality, Other

#### Industries served

Agriculture, Automotive and  
Suppliers, Defense, Electronics/  
Semiconductors, Embedded Vision,  
Machine Vision, Medical  
Technology, Packaging, Paper/  
Wood, Plastics, Traffic/Logistics,  
UAV, Other

#### Associations

AIA, EMVA, VDMA, Other

#### Regions served

Worldwide



#### Ximea GmbH

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Germany  
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Fax: +49 251 202 408 99  
info@ximea.com  
www.ximea.com

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# Showcase

## Fast, Compact and Efficient Cameras

### Subminiature USB cameras:

World's smallest industrial cameras with a size of only 15x15 mm offer 5 Mpix and 18 Mpix resolutions for size and weight constraint applications.

### PCIe based high speed cameras:

These cameras use fast and high-resolution CMOS sensors and stream images with up to 64 Gbit/s to the host computer. The updated portfolio includes the CB654 with 65.4 Mpix@76 fps and CB262 with 26.2 Mpix @150 fps.

### USB3 Vision camera series:

With this line of extraordinary small, lightweight, fast, efficient and highly customizable cameras, XIMEA offers a unique value and performance for the industrial market. The perfect fit for OEMs and system integrators.

### Hyperspectral imaging cameras:

Smallest and most lightweight USB3 and PCIe based hyperspectral cameras with 16 up to 150 spectral bands in the visible light and near infrared. Ideal for UAV and mobile applications.



### Scientific grade cameras:

For the most demanding applications that require the ultimate image quality. With large pixels, high resolutions, 16 bits dynamic range, low noise and high sensitivity. The utilized technologies include medium formats, back-thinned sCMOS, X-Ray, and subzero peltier cooling.



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# Germany Austria Switzerland



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## GERMANY / AUSTRIA / SWITZERLAND

### Solution Provider

**3plusplus GmbH** · Pfütschbergstr. 1, 98527 Suhl, Germany,  
Tel.: +49 3681 452 99 0, info@3plusplus.com, www.3plusplus.com

### Distributor, Machine Builder/OEM, Producer, Solution Provider

**4H-jena engineering GmbH** · Muehlenstr. 126, 7745 Jena, Germany,  
Tel.: +49 3641 288 70, oi@4h-jena.de, www.4h-jena.de

### Producer, Solution Provider

**ABW GmbH** · Siemensstr. 3, 72636 Frickenhausen, Germany,  
Tel.: +49 7022 949 292, info@abw-3d.de, www.abw-3d.de

### Distributor

**Acal BFI Germany GmbH** · Oppelner Str. 5, 82194 Gröbenzell, Germany,  
Tel.: +49 8142 652 00, info.de@bfiophtilas.com, www.bfiophtilas.com

### Other

**ACM Coatings GmbH**  
Rudelsburgpromenade 20c, 6628 Naumburg - Bad Kösen, Germany,  
Tel.: +49 34463 621 340, alexander.telle@acm-coatings.de, www.acm-coatings.de

### Distributor, Producer

**ACS-Control-System GmbH** · Lauterbachstr. 57, 84307 Eggenfelden, Germany,  
Tel.: +49 8721 966 80, info@acs-controlsystem.de, www.acs-controlsystem.de

### Producer

Founded in 1983, Advantech is a leader in providing trusted, innovative products, services, and solutions. Advantech offers comprehensive system integration, hardware, software, customer-centric design services, embedded systems, automation products, and global logistics support. We cooperate closely

with our partners to help provide complete solutions for a wide array of applications across a diverse range of industries. Our mission is to enable an intelligent planet with Automation and Embedded Computing products and solutions that empower the development of smarter working and living.

**Advantech** · Hochdahler Str. 14, 40724 Hilden, Germany, Tel.: +49 2103 978 850,  
customer@advantech.eu, www.advantech.eu

### Producer, Solution Provider

Software: Image processing toolkit  
heurisko Quick heurisko-based custom image processing solution  
Camera and image sensor testing according to EMVA 1288 and beyond:  
Measuring services Customizable test equipment Consulting.

Education: EMVA 1288 standard Computational imaging 3D image acquisition  
Technical optics for image processing

**Aeon Verlag & Studio GmbH & Co. KG** · Alter Rückinger Weg 31, 63452 Hanau, Germany, Tel.: +49 6181 520 510, info@aeon.de, www.aeon.de

### Producer

**Aerotech GmbH** · Südwestpark 90, 90449 Nürnberg, Germany,  
Tel.: +49 911 967 93 70, info@aerotechgmbh.de, www.aerotech.com

### Distributor

**AHF Analysentechnik AG** · Kohlplattenweg 18, 72074 Tübingen, Germany,  
Tel.: +49 7071 970 90 10, info@ahf.de, www.ahf.de

### Research Facility

The AIT Austrian Institute of Technology, Austria's largest non-university research institute, is among the European research institutes a specialist in the key infrastructure issues of the future. In the field of high-performance

image processing AIT has a recognized position on the international technological and scientific level. More than 100 experts conduct research in close collaboration with leading companies in industry and science.

**AIT Austrian Institute of Technology GmbH**  
Giefinggasse 4, 1210 Vienna, Austria, Tel.: +43 50 550 31 29,  
petra.thanner@ait.ac.at, www.ait.ac.at/themes/high-performance-vision/

### Integrator

**AIT Goehner GmbH** · Wilhelmsplatz 11, 70182 Stuttgart, Germany,  
Tel.: +49 711 238 530, info@ait.de, www.ait.de

### Distributor

**AKE-Components GmbH** · Bahnhofstr. 32, 76744 Wörth, Germany,  
Tel.: +49 7271 989 720, sales@ake-components.de, www.ake-components.de

### Integrator

**Aku.automation GmbH** · Robert-Bosch-Str. 80, 73431 Aalen, Germany,  
Tel.: +49 7361 890 880, info@aku.eu, www.aku.eu

### Solution Provider

**Alfavision GmbH & Co. KG** · Freyunger Str. 4, 94116 Hutthurm, Germany,  
Tel.: +49 8505 916 060, info@alfavision.de, www.alfavision.de

### Producer

**Alicona Imaging GmbH** · Dr.-Auner-Str. 21a, 8074 Raaba/Graz, Austria,  
Tel.: +43 316 403 010 700, info@alicona.com, www.alicona.com

### Producer

For 25 years, Allied Vision Technologies has been helping people see the bigger picture. Allied Vision's camera portfolio is one of the largest in the market and offers a camera for nearly any application. If no standard product fits, the Allied Vision Modular Concept creates additional flexibility

providing hardware option combinations that are almost endless. Allied Vision cameras are easy to integrate into any machine vision system thanks to our Software Development Kit (SDK) that is compatible with all common operating systems, camera interfaces and image-processing libraries.

**Allied Vision Technologies GmbH** · Taschenweg 2a, 07646 Stadtroda, Germany,  
Tel.: +49 36428 677 230, info@alliedvision.com, www.alliedvision.com

### Distributor, Producer, Solution Provider

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Tel.: +49 231 177 406 11, support@allsens.de, www.allsens.de

### Solution Provider

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Tel.: +49 911 937 878 0, sales@alysium.com, www.alysium.com

### Producer

**Ametek GmbH** · Rudolf-Diesel-Str. 16, 40670 Meerbusch, Germany,  
Tel.: +49 2159 913 60, info@ametek.de, www.ametek.de

### Producer

**Ametek Germany GmbH, BU Zygo**  
Rudolf-Diesel-Str. 16, 64331 Weiterstadt, Germany,  
Tel.: +49 6150 543 7064, zygoinfo.de@ametek.com, www.zygo.de

### Producer

AMS is a global leader in the design and manufacture of advanced sensor solutions which drive applications requiring small form factor, low power, highest sensitivity and multi-sensor integration. Products include sensor solutions, sensor ICs, interfaces and

related SW for consumer, communications, industrial, medical, and automotive markets.

With HQs in Austria, AMS employs about 9,000 people globally and is listed on the SIX Swiss stock exchange (AMS).

**AMS AG** · Tobelbader Str. 30, 8141 Premstätten, Austria  
Tel.: +43 3136 500 0, sensors@ams.com, www.ams.com

### Distributor

**AMS Technologies** · Fraunhoferstr. 22, 82152 Martinsried/Munich, Germany,  
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### Distributor, Producer, Solution Provider

**Andanta GmbH** · Stifterstr. 5R, 82140 Olching, Germany, Tel.: +49 8142 487 658,  
epost@andanta.de, www.andanta.de

# TOTAL ILLUMINATION SOLUTION FROM THE CCS GROUP

Together, our group companies' collective product range, experience, and support capabilities of our lighting experts provide everything you need to solve your lighting challenge.



Precision

Emerging technologies



Precise Current Control  
Stability



Flexible  
Plug & Play

## GERMANY / AUSTRIA / SWITZERLAND

### Producer

**AOS Technologies AG** · Taefernstr. 20, 5405 Baden-Daettwil, Switzerland,  
Tel.: +41 56 483 34 88, info@aostechnologies.com, www.aostechnologies.com

### Solution Provider

**Asentics GmbH & Co. KG** · Birlenbacher Str. 19-21, 57078 Siegen, Germany,  
Tel.: +49 271 303 910, info@asentics.de, www.asentics.de

### Consultant, Producer

**Asphericon GmbH** · Stockholmer Str. 9, 7747 Jena, Germany,  
Tel.: +49 3641 310 05 00, sales@asphericon.com, www.asphericon.de

### Solution Provider

**Attentra GmbH** · Wilhelmstr. 8, 72074 Tübingen, Germany,  
Tel.: +49 7071 549 550, info@attentra.de, www.attentra.de

### Distributor, Integrator, Machine Builder/OEM

**Aurovis AG** · Untere Gründlstr. 7, 6055 Alpnach, Switzerland,  
Tel.: +41 41 666 78 78, info@aurovis.ch, www.aurovis.ch

### Manufacturer / Producer

AT – Automation Technology is one of the global leading technology companies in the field of special imaging sensor technology. For more than 20 years, we have been developing and producing intelligent infrared cameras, high-precision 3D sensors and unique sen-

sor solutions that are used in industrial process automation as well as in monitoring and inspection tasks worldwide. A dense network of international sales and service partners ensures individual consulting as well as perfect service and support.

**AT - Automation Technology GmbH** · Hermann-Bössow-Straße 6-8,  
D-23843 Bad Oldesloe, Germany, Tel.: +49 4531 88011 G50,  
info@automationtechnology.de, www.automationtechnology.de/

### Producer

**AutoVimation GmbH** · Römerweg 1, 76287 Rheinstetten, Germany,  
Tel.: +49 721 627 67 56, sales@autovimation.com, www.autovimation.com

### Producer

**B & M Optik GmbH** · Am Fleckenberg 20, 65549 Limburg, Germany,  
Tel.: +49 6431 986 00, baldus@bm-optik.de, www.bm-optik.de

### Producer

**Balluff GmbH** · Schurwaldstr. 9, 73765 Neuhausen, Germany,  
Tel.: +49 7158 173 0, balluff@balluff.de, www.balluff.de

### Producer, Solution Provider

**BAP Image Systems GmbH** · Am Weichelsgarten 7, 91058 Erlangen, Germany,  
Tel.: +49 9131 691 540, info@bapis.de, www.bapis.de

### Producer

**Basler AG** · An der Strusbek 60-62, 22926 Ahrensburg, Germany,  
Tel.: +49 4102 463 500, sales.europe@baslerweb.com, www.baslerweb.com

### Producer

The Baumer Group is one of the worldwide leading manufacturers of sensors, encoders, measuring instruments and components for automated image-processing. With around 2,700 employees and 38 subsidiaries in 19 countries, the family-owned group of companies is always close to the customer.

We offer a unique range of products, from industrial cameras and vision sensors to image processing components, for many different applications across varied industries. The location in Germany accommodates R&D and production under one roof which ensures our high product quality standards.

**Baumer GmbH** · Pflingstweide 28, 61169 Friedberg, Germany  
Tel.: +49 6031 60 07 0, sales.de@baumer.com, www.baumer.com

### Producer, Solution Provider

**Becom Systems GmbH** · Gutheil-Schoder-Gasse 17, 1230 Wien, Austria,  
Tel.: +43 1 914 20 91, sales.systems@becom-group.com,  
systems.becom-group.com

### Integrator, Solution Provider

**Bi-Ber GmbH & Co. Engineering KG** · An der Wuhlheide 232B, 12459 Berlin,  
Germany, Tel.: +49 30 810 322 260, info@bilderkennung.de, www.bilderkennung.de

### Consultant, Distributor

**BI.VIS** · Kernwiesenweg 13, 75334 Straubenhardt, Germany,  
Tel.: +49 175 459 09 79, jan.biedenkap@bi-vis.com, bi-vis.business.site

### Producer

**Büchner Lichtsysteme GmbH** · Uzstr. 2, 86465 Welden, Germany,  
Tel.: +49 8293 909 112, info@buechner-lichtsysteme.de,  
www.buechner-lichtsysteme.de

### Producer

Zeiss ZF lenses for industrial applications are key components in complex production processes as well as in measuring tasks, quality assurance and many other applications. The infrared lenses of the ZF series are suitable for the use with special cameras like IR cameras without an IR block-

ing filter. The transmission of ZF-IR lenses adds up to 70% at 1000 nm, while usual lenses exhibit only 20%. Zeiss Visionmes lenses are developed for crucial measuring tasks in industry and feature telecentric optics. For optical metrology at high precision telecentric optics are essential.

**Carl Zeiss AG** · Carl-Zeiss-Str. 22, 73446 Oberkochen, Germany,  
Tel.: +49 7364 205 590, lenses4industry@zeiss.de, www.zeiss.com/lenses4industry

### System Solution Provider

**Carl Zeiss Automated Inspection GmbH** · Robert-Bosch-Str. 1/1, 74632 Neuenstein, Germany, Tel.: +49 7364 20-6337, info.metrology.de@zeiss.com,  
www.zeiss.de/messtechnik

### Solution Provider

HGV supplies scaleable turnkey machine vision solutions for all kinds of quality inspection: Flexible measurement systems (FMS) with robots, in-

line-measurement, process control, robot guiding, assembly control, part handling (pick & place), surface inspection, sorting & identification.

**Carl Zeiss Industrielle Messtechnik GmbH**  
Carl-Zeiss-Straße 22, 73446 Oberkochen, Germany,  
Tel.: +49 7364 206 336, info.metrology.de@zeiss.com, www.zeiss.de/metrology

### Producer

**Carl Zeiss Optotechnik GmbH** · Georg-Wiesböck-Ring 12, 83115 Neubeuern, Germany, Tel.: +49 8035 870 40, optotechnik.metrology.de@zeiss.com,  
https://optotechnik.zeiss.com

### Producer

We develop, produce and distribute gratings, modules, spectrometer systems and solutions of highest quality, superior optical performance, robust design and fast analysis. Zeiss products are tailored to your processes

and needs. In doing this we can continuously provide specific and innovative solutions for individual applications and create essential benefits in efficiency and process stability.

**Carl Zeiss Spectroscopy GmbH** · Carl-Zeiss-Promenade 10, 07745 Jena, Germany  
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### Distributor, Producer

**CBC (Europe) GmbH** · Hansaallee 191, 40549 Düsseldorf, Germany,  
Tel.: +49 211 530 670, info@cbc-europe.com, www.cbc-europe.com

Solution Provider

**Ceres Vision GmbH** · Kurt-Schumacher-Str. 1, 33615 Bielefeld, Germany,  
Tel.: +49 521 923 69 30, info@ceresvision.de, www.ceresvision.de

Machine Builder/OEM, Producer, Solution Provider

Chromasens develops and produces both standardized machine vision components – as color line scan cameras, spectral cameras, 3D stereo cameras and line scan lights – and custom-specific image processing solutions. Chromasens employees have comprehensive expertise in development, project management, application creation, system integration and professional services. The intensive cooperation with the customer in the form of comprehensive support throughout every project phase is a cornerstone of the company philosophy.

**Chromasens GmbH** · Max-Stromeyer-Str. 116, 78467 Konstanz, Germany,  
Tel.: +49 7531 876 0, info@chromasens.de, www.chromasens.com

Producer

**Cincoze Co., Ltd.** · Unterhachinger Str. 75, 81737 München, Germany,  
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Integrator

**CLK** · Mendelstr. 11, 48149 Münster, Germany,  
Tel.: +49 251 980 20 87, cruse@clkgmbh.de, www.clkgmbh.de

Producer

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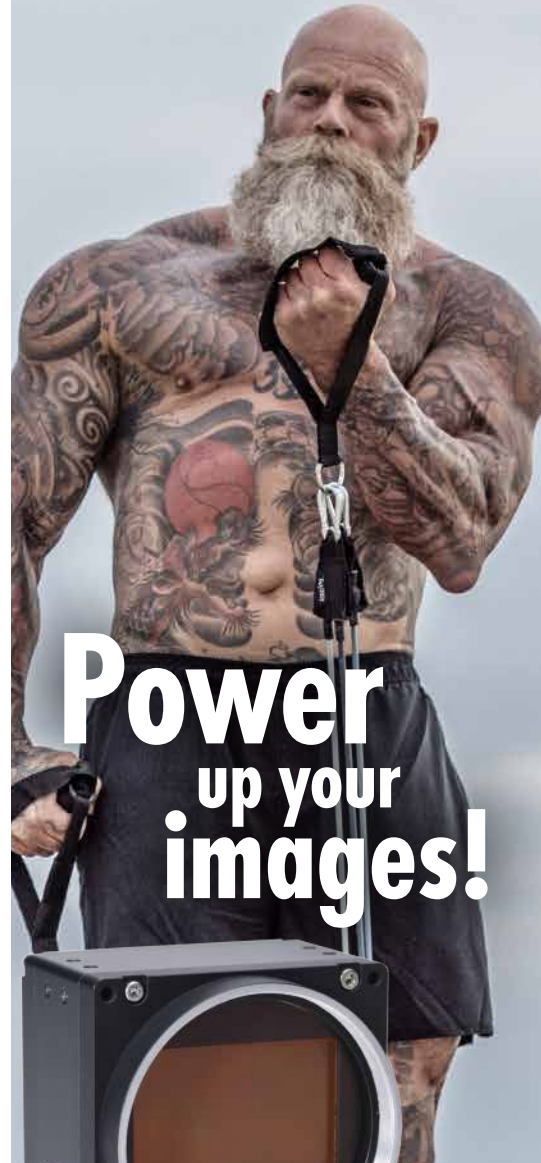
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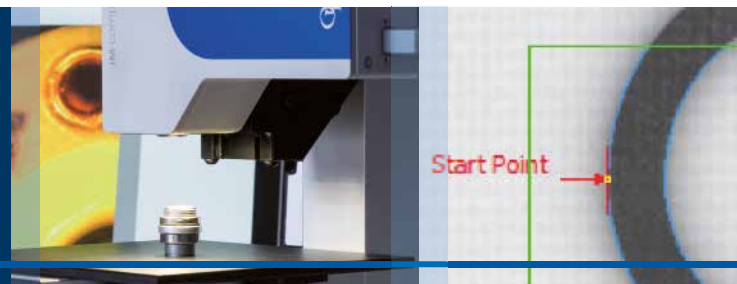
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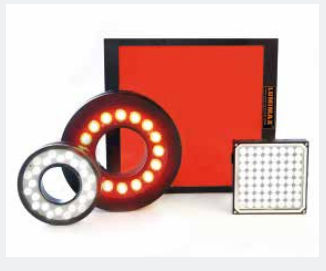
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info@iimag.de  
www.lumimax.com

Producer

**Imago Technologies GmbH** · Strassheimer Str. 45, 61169 Friedberg, Germany,  
Tel.: +49 6031 684 26 11, info.itf@imago-technologies.com,  
www.imago-technologies.com

Integrator

**Imess GmbH** · Stockumer Str. 28, 58453 Witten, Germany,  
Tel.: +49 2302 968 880, info@imess.com, www.imess.com

Distributor, Producer, Solution Provider

**IMM Photonics GmbH** · Ohmstr. 4, 85716 Unterschleißheim, Germany,  
Tel.: ++49 89 321 412 0, sales@imm-photonics.de, www.imm-photonics.de

Producer

**Impuls Imaging GmbH** · Schlingener Str. 4, 86842 Türkheim, Germany,  
Tel.: +49 8245 774 96 00, info@impuls-imaging.com, www.impuls-imaging.com

Solution Provider

**In-Situ GmbH** · Mühlweg 2c, 82054 Sauerlach / München, Germany,  
Tel.: +49 8104 909 600, vision@in-situ.de, www.in-situ.de

Producer

**Infinity Photo-Optical GmbH** · Hans-Böckler-Str. 10a, 37079 Göttingen, Germany,  
Tel.: +49 551 499 570, info@infinity-de.com, www.infinity-de.com

Media

**inspect** · Boschstr. 12, 69469 Weinheim, Germany,  
Tel.: +49 6201 606 0, contact@inspect-online.com, www.inspect-online.com

Solution Provider

**Intenta GmbH** · Ahornstr. 55, 9112 Chemnitz, Germany,  
Tel.: +49 371 24354 0, info@intenta.de, www.intenta.de/en/home.html

Integrator, Solution Provider

**Ioss GmbH** · Fritz-Reichle-Ring 18, 78315 Radolfzell, Germany,  
Tel.: +49 7732 982 79 60, info@ioss.de, www.ioss.de

Producer

**Ircam GmbH** · Nürnberger Str. 71, 91052 Erlangen, Germany,  
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Distributor, Producer, Solution Provider

**IS - Imaging Solutions GmbH** · Arbachtalstr. 6, 72800 Eningen, Germany,  
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Solution Provider

The Isra group develops, produces and markets intelligent systems for industrial image processing using application-specific modular standard software solutions for surface inspection, robot guidance and quality control. Isra has focused on the automotive, general industries and food & packaging markets and offers surface inspection solutions for the glass, display glass, solar industry, plastics, films, nonwovens, print, printed electronics, paper, specialty paper and metal markets.

**Isra Vision AG** · Industriestr. 14, 64297 Darmstadt, Germany,  
Tel.: +49 6151 948 0, info@isravision.com, www.isravision.com

Integrator

**Isys Vision GmbH & Co. KG** · Gundelfinger Str. 2, 79108 Freiburg, Germany,  
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Integrator

**J-Vision GmbH** · Marktplatz 3, 66687 Wadern, Germany, Tel.: +49 6871 920 13 81,  
info@jj-vision.de, www.jj-vision.de

Producer

JAI is a global manufacturer of digital cameras for machine vision, traffic imaging, global security, medical imaging and scientific research. Besides a broad range of leading-edge 1-CMOS progressive area scan and line scan cameras, JAI is a leading provider of multi-imager cameras incorporating advanced prism-block technology, including 3-CMOS RGB area scan cameras, 2-CMOS multi-spectral cameras plus a complete family of 3-CMOS/4-CMOS line scan cameras. JAI's product program includes cameras for visible, UV, NIR and SWIR imaging with GigE Vision, USB3 Vision, CoaXPress, Camera Link and SFP+ interfaces.

**JAI - Germany** · Industriering 7, 63868 Grosswallstadt, Germany  
Tel.: +49 6022 261 500, camerasales.emea@jai.com, www.jai.com

Integrator, Machine Builder/OEM, Producer, Solution Provider

**Jenoptik Optical Systems GmbH** · Goeschwitzer Str. 25, 7745 Jena, Germany,  
Tel.: +49 3641 653 083, digitalimaging.os@jenoptik.com,  
www.jenoptik.com/digitalimaging

Producer

**Jenoptik Polymer Systems GmbH** · Am Sandberg 2, 7819 Triptis, Germany,  
Tel.: +49 36482 45 0, sales-oes.os@jenoptik.com, www.jenoptik.com/oes

Producer

Jos. Schneider Optische Werke GmbH is a worldwide recognised manufacturer of high-performance lenses and filters as well as optical and mechanical components for industrial applications. With excellent optical and mechanical properties, Schneider-Kreuznach products suit perfectly to industrial demands. The standard product range includes: C-Mount lenses (Compact), Unifoc lenses (V-Mount, Macro), Lenses for large sensors, (Xenon-Emerald), Industrial filters (Band-, Long- and Shortpasses, Polarizers). Schneider-Kreuznach also provides customised solutions for OEM projects.

**Jos. Schneider Optische Werke GmbH** · Ringstr. 132, 55543 Bad Kreuznach, Germany, Tel.: +49 671 601 0, industrie@schneiderkreuznach.com,  
www.schneiderkreuznach.com

Producer

**Kamera Werk Dresden Optronics GmbH** · Bismarckstr. 57, 1257 Dresden, Germany, Tel.: +49 351 280 60, info@kwdo.de, www.kwdo.de

Producer, Solution Provider

**Kappa optronics GmbH** · Kleines Feld 6, 37130 Gleichen, Germany,  
Tel.: +49 5508 974 0, info@kappa-optronic.com, www.kappa-optronics.com

Integrator, Solution Provider

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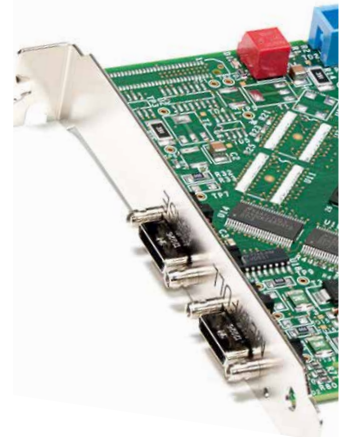
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Camera Link Med, Full, 80-bit



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Producer

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Manufacturer / Producer

**K | Lens GmbH** · Am Römerkastell 4, 66121 Saarbrücken, Germany, Tel.: +49 176 84 31 42 76, matthias.schmitz@k-lens.de, www.industrial.k-lens.de/

Producer

**Kontron** · Oskar-von-Miller-Str. 1, 85386 Eching, Germany, Tel.: +49 8165 777 77, sales@kontron.com, www.kontron.com

Producer

**Kowa Optimed Deutschland GmbH** · Fichtenstr. 123, 40233 Düsseldorf, Germany, Tel.: +49 211 542 18 40, lens@kowaoptimed.com, www.kowa.eu/fa

Media

**Landesmesse Stuttgart GmbH** · Messepiazza 1, 70629 Stuttgart, Germany, Tel.: +49 711 185 602 541, florian.niethammer@messe-stuttgart.de, www.vision-fair.de

Producer

**LAP GmbH Laser Applikationen** · Zeppelinstr. 23, 21337 Lüneburg, Germany, Tel.: +49 4131 951 195, info@lap-laser.com, www.lap-laser.com

Distributor, Producer

**Laser 2000 GmbH** · Argelsrieder Feld 14, 82234 Wessling/Munich, Germany, Tel.: +49 8153 405 0, info@laser2000.de, www.laser2000.de

Distributor, Producer

**Laser Components GmbH** · Werner-von-Siemens-Str. 15, 82140 Olching, Germany, Tel.: +49 8142 286 40, info@lasercomponents.com, www.lasercomponents.com

Producer

**LaserTechs e.K.** · Muehlstr. 100, Industriepark, 63741 Aschaffenburg, Germany, Tel.: +49 6021 369 71 70, vision@lasertechs.de, www.lasertechs.de

Producer

**LayTec AG** · Seesener Str. 10-13, 10709 Berlin, Germany, Tel.: +49 30 398 008 00, info@laytec.de, www.laytec.de

Producer

**Leica Geosystems AG Metrology Products**  
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Producer

**Leica Microsystems** · Ernst-Leitz-Str. 17-37, 35578 Wetzlar, Germany, Tel.: +49 6441 294 000, sales.germany@leica-microsystems.com, www.leica-microsystems.com

Producer

**LEJ - Lighting & Electronics Jena** · Stockholmer Str. 5, 7747 Jena, Germany, Tel.: +49 3641 353 00, info@lej.de, www.lej.de

Producer

**Lemo SA** · 28 champs courbes, 1024 Ecublens, Switzerland, Tel.: +41 21 695 16 00, info@lemo.com, www.lemo.com

Distributor, Producer

**Lensation GmbH** · Unterer Dammweg 12, 76149 Karlsruhe, Germany, Tel.: +49 721 754 04 50, info@lensation.de, www.lensation.de

Producer

**Leuze electronic** · In der Braike 1, 73277 Owen/Teck, Germany, Tel.: +49 7021 573 0, info@leuze.de, www.leuze.de

Producer

Lucid Vision Labs, Inc. designs and manufactures innovative machine vision cameras and components that utilize the latest technologies to deliver exceptional value to customers. The compact, high-performance GigE Vision cameras are suited for a wide range of industries and applications such as factory automation, medical, life sciences and logistics. The company innovates dynamically to create products that meet the demands of machine vision for Industry 4.0.

**Lucid Vision Labs GmbH** · Renntalstr. 14, 74360 Ilsfeld, Germany, Tel.: +49 7062 976 76 12, sales.emea@thinklucid.com, https://thinklucid.com/

Producer

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Solution Provider

**Mabri.Vision GmbH** · Dennewartstr. 25-27, 52068 Aachen, Germany, Tel.: +49 2415 652 79 30, info@mabri.vision, www.mabri.vision

Distributor

**MachineVision-Shop GmbH** · Angermühlstr. 19, 82544 Egling, Germany, Tel.: +49 8176 219 30 85, sales@mv-shop.com, www.mv-shop.com

Consultant, Integrator, Research Facility, Solution Provider

**Math & Tech Engineering GmbH** · Robert-Bosch-Str. 6/1, 72654 Neckartenzlingen, Germany, Tel.: +49 7127 958 350, sales@mathtech.de, www.mathtech.eu

Producer

**Matrix Vision GmbH** · Talstr. 16, 71570 Oppenweiler, Germany, Tel.: +49 7191 943 20, info@matrix-vision.de, www.matrix-vision.com

Distributor

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MBJ Imaging specializes in the development, manufacturing and sales of high quality innovative LED lighting and LED controllers for the machine vision industry – made in Germany.

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## Distributor

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Tel.: +49 8861 200164, www.mevg.org/

## Distributor

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## Machine Builder/OEM, Producer

**Micro-Epsilon Messtechnik GmbH & Co. KG** · Königbacher Str. 15, 94496 Ortenburg, Germany, Tel.: +49 8542 168 0, info@micro-epsilon.com, www.micro-epsilon.com

## Producer

**Mikromak Service** · Bernhard-Lichtenberg-Str. 10, 10407 Berlin, Germany,  
Tel.: +49 30 420 224 02, info@mikromak.com, www.mikromak.com

## Distributor, Producer

Mikrotron GmbH provides a full range of high-end imaging solutions for challenging applications in industry, engineering, science and sports. The company develops, produces, and markets digital high-speed cameras, image processing components, and high-speed recording systems

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**Mikrotron GmbH** · Landshuter Str. 20-22, 85716 Unterschleißheim, Germany,  
Tel.: +49 89 726 342 00, info@mikrotron.de, www.mikrotron.de

## Producer

Mitsubishi Electric Contact Image Sensors (CIS) provide an optimum solution for the design of compact, high-speed optical image readers. With a 20-year history in the development

and manufacturing of CIS, Mitsubishi Electric offers its long experience and self-developed, dedicated key components to meet all its customers' needs.

**Mitsubishi Electric** · Gothaer Str. 8, 40880 Ratingen, Germany,  
pr@meg.mee.com, https://eu3a.mitsubishielectric.com/

## Producer

**Mitutoyo Messgeräte GmbH** · Borsigstr. 8-10, 41469 Neuss, Germany,  
Tel.: +49 2137 102 0, info@mitutoyo.de, www.mitutoyo.de

## Producer

**Moeller-Wedel Optical GmbH** · Rosengarten 10, 22880 Wedel, Germany,  
Tel.: +49 4103 937 76 10, info@moeller-wedel-optical.com,  
www.moeller-wedel-optical.com

## Consultant, Integrator, Machine Builder/OEM, Solution Provider

**MT-Vision GmbH** · Am Stadtholz 24 - 26, 33609 Bielefeld, Germany,  
Tel.: +49 5219 629 63 42, info@mt-vision.de, www.mt-vision.de

## Producer

MVTec Software GmbH is a leading international manufacturer of software for machine vision used in all demanding areas of imaging like the semi-conductor industry, inspection, optical quality control, metrology, medicine, or surveillance. In particu-

lar, software by MVTEC enables new automation solutions in settings of the Industrial Internet of Things. MVTEC is the developer and vendor of the general purpose machine vision software products Halcon and Merlic.

**MVTec Software GmbH** · Arnulfstr. 205, 80634 München, Germany,  
Tel.: +49 89 457 69 50, info@mvtec.com, www.mvtec.com

## Integrator, Producer, Solution Provider

**NanoFocus AG** · Max-Planck-Ring 48, 46049 Oberhausen, Germany,  
Tel.: +49 208 620 000, info@nanofocus.de, www.nanofocus.com

## Producer

**National Instruments Germany GmbH** · Ganghoferstr. 70 b, 80339 München, Germany, Tel.: +49 89 741 31 30, info.germany@ni.com, www.ni.com/vision

## Machine Builder/OEM, Solution Provider

**Nela Brüder Neumeister GmbH** · Gottlieb-Daimler-Str. 15, 77933 Lahr, Germany,  
Tel.: +49 7821 580 80, dominik\_uhl@nela.de, www.nela.de

## Solution Provider

**Neogramm GmbH & Co. KG** · Julius-Hatry-Str. 1, 68163 Mannheim, Germany,  
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## Producer

**Nerian Vision GmbH** · Zettachring 2, 70567 Stuttgart, Germany,  
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## Producer, Solution Provider

**NeuroCheck GmbH** · Neckarstr. 76/1, 71686 Remseck, Germany,  
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## Machine Builder/OEM

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## Producer

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With a broad spectrum, which includes all components necessary for image processing, the Notavis GmbH addresses customers with its own image processing department, like e.g. large engineering companies (OEMs),

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**Notavis GmbH** · Ottostr. 2, 76275 Ettlingen, Germany, Tel.: +49 151 296 095 28, thomas.schweitzer@notavis.com, www.notavis.com

Solution Provider

**OBE Ohnmacht & Baumgärtner GmbH & Co. KG** · Turnstr. 22, 75228 Ispringen, Germany, Tel.: +49 7231 802 0, trevista@obe.de, www.trevista.net

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Integrator

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Producer

**Olympus Europa SE & Co. KG** · Wendenstr. 14-18, 20097 Hamburg, Germany, Tel.: +49 40 237 730, microscopy@olympus-europa.com, www.microscopy.olympus.eu

Integrator

**Omni Control Prüfsysteme GmbH** · In der Spöck 10, 77656 Offenburg, Germany, Tel.: +49 781 991 412, mail@omni-control.de, www.omni-control.de

Producer

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Manufacturer / Producer

**OPT Machine Vision GmbH** · Hallesche Str. 2, 10963 Berlin, Germany, Tel.: +49 71144708961, www.optmv.de

Solution Provider

Opto develops and manufactures customized, optoelectronic modules, optical components and systems for the industrial and biomedical markets. With its own facilities in Germany, France, the UK and Asia, Opto is a globally recognised solution

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Producer

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Machine Builder/OEM

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Manufacturer / Producer

**Optotune Switzerland AG** · Bernstrasse 388, 8953 Dietikon, Switzerland, Tel.: +41 58 856 3000, sales@optotune.com, https://optotune.com

Producer

**Optris GmbH** · Ferdinand-Buisson-Str. 14, 13127 Berlin, Germany, Tel.: +49 30 500 19 70, sales@optris.com, www.optris.com

Producer

Optronis develops, manufactures and distributes streak cameras and high-speed video cameras for scientific and industrial applications. Our high-end cameras can be used to capture ultra-

fast phenomena. Our primary goal: to provide our customers with innovative solutions for fast optical measurements.

**Optronis GmbH** · Ludwigstr. 2, 77694 Kehl, Germany, Tel.: +49 7851 912 60, info@optronis.com, www.optronis.com

Producer

**Osela Europe GmbH** · Tradweg 11, 82395 Obersöchering, Germany, Tel.: +49 8847 698 459, europe@osela.com, www.osela.com

Producer

**Otto Vision Technology GmbH** · Im Steinfeld 3, 7751 Jena, Germany, Tel.: +49 3641 671 50, info@otto-jena.de, www.otto-jena.de

Producer, Solution Provider

**Panasonic Electric Works Europe AG** · Rudolf-Diesel-Ring 2, 83607 Holzkirchen, Germany, Tel.: +49 8024 648 0, info.peweu@eu.panasonic.com, www.panasonic-electric-works.de

Producer

**Panasonic System Communication Company Europe** · Winsbergiring 15, 22525 Hamburg, Germany, Tel.: +49 40 854 928 35, info.medicalvision@eu.panasonic.com, business.panasonic.co.uk/imv

Consultant, Integrator

**Parkvi GmbH** · Am Mittleren Moos 48, 86167 Augsburg, Germany, Tel.: +49 821 650 729 33, info@parkvi.de, www.parkvi.de

Machine Builder/OEM

**Paul Leibinger GmbH** · Daimlerstr. 14, 78532 Tuttlingen, Germany, Tel.: +49 7461 928 60, sales@leibinger-group.com, www.leibinger-group.com

Consultant, Solution Provider, Other

**Perception Park GmbH** · Wartingergasse 42, 8010 Graz, Austria, Tel.: +43 316 931 269 100, info@perception-park.com, www.perception-park.com

Solution Provider

**Pharmacontrol Electronic GmbH** · Harzstr. 1, 64646 Heppenheim, Germany, Tel.: +49 6252 673 60, mtpce.info@mt.com, www.mt.com/pce

Producer

**Photonfocus AG** · Bahnhofplatz 10, 8853 Lachen, Switzerland, Tel.: +41 55 451 00 00, sales@photonfocus.com, www.photonfocus.com

Producer, Solution Provider

**Phytec Messtechnik GmbH** · Robert-Koch-Str. 39, 55129 Mainz, Germany, Tel.: +49 6131 922 10, info@phytec.de, www.phytec.de

## Integrator, Solution Provider

**Pi4\_robotics GmbH** · Gustav-Meyer-Allee 25, 13355 Berlin, Germany,  
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## Producer

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## Producer

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## Consultant, Distributor, Producer, Solution Provider

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Tel.: +43 1 236 260 70, sales@plasmo.eu, www.plasmo.eu

## Producer

**POG Präzisionsoptik Gera** · Gewerbepark Keplerstr. 35, 7549 Gera, Germany,  
Tel.: +49 365 773 930, info@pog.eu, www.pog.eu

## Distributor

**Polytec GmbH** · Polytec-Platz 1-7, 76337 Waldbronn, Germany  
Tel.: +49 7243 604 18 00, bv@polytec.de, www.polytec.com/bv

## Producer

**Präzisions Glas & Optik GmbH** · Im Langen Busch 14, 58640 Iserlohn, Germany,  
Tel.: +49 2371 776 790, info@pgo-online.com, www.pgo-online.com

## Producer, Solution Provider

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professional partner for smooth processing. It will develop sound and well-defined solutions together with the customer that match their needs and objectives.

**Precitec Vision GmbH & Co. KG** · Rotfarb 4, 8413 Neftenbach, Switzerland,  
info@precitec.ch, www.precitec.ch

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**Pro Design Electronic GmbH** · Albert-Mayer-Str. 14-16, 83052 Bruckmühl, Germany, Tel.: +49 171 303 47 52, frank.eckardt@prodesign-europe.com, www.prodesign-europe.com

## Producer, Research Facility, Solution Provider

**Profactor GmbH** · Am Stadtgut A2, 4407 Steyr, Austria,  
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## Producer, Solution Provider

**ProxiVision GmbH** · Stubenwald-Allee 16, 64625 Bensheim, Germany,  
Tel.: +49 6251 170 30, info@proxivision.de, www.proxivision.de

## Producer

**Pyramid Computer GmbH** · Böttingerstr. 60, 79111 Freiburg, Germany,  
Tel.: +49 761 451 47 92, sales@pyramid.de, www.pyramid.de

## Producer

Qioptiq is part of Excelitas Technologies Corp., a global technology leader focused on delivering innovative, high-performance, market-driven photonic solutions to meet the lighting, detection and optical technology needs of global customers. From biomedical technology to research laboratory, safety and security, consumer

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**Qioptiq Photonics GmbH & Co. KG** · Königsallee 23, 37081 Göttingen, Germany,  
Tel.: +49 551 693 50, sales@qioptiq.de, www.qioptiq.de

## Solution Provider

**Quiss AG** · Lilienthalstr. 5, 82178 Puchheim, Germany,  
Tel.: +49 89 894 590, info@quiss.com, www.quiss.com

## Distributor

Rauscher GmbH is a leading distributor for all imaging components, including software, area- and linescan cameras, frame grabbers, image-processing boards, smart cameras, embedded systems, optics, lighting and

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## Integrator, Machine Builder/OEM, Solution Provider

**RBC Fördertechnik GmbH** · Dieselstr. 5, 65520 Bad Camberg, Germany,  
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## Producer

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## Integrator

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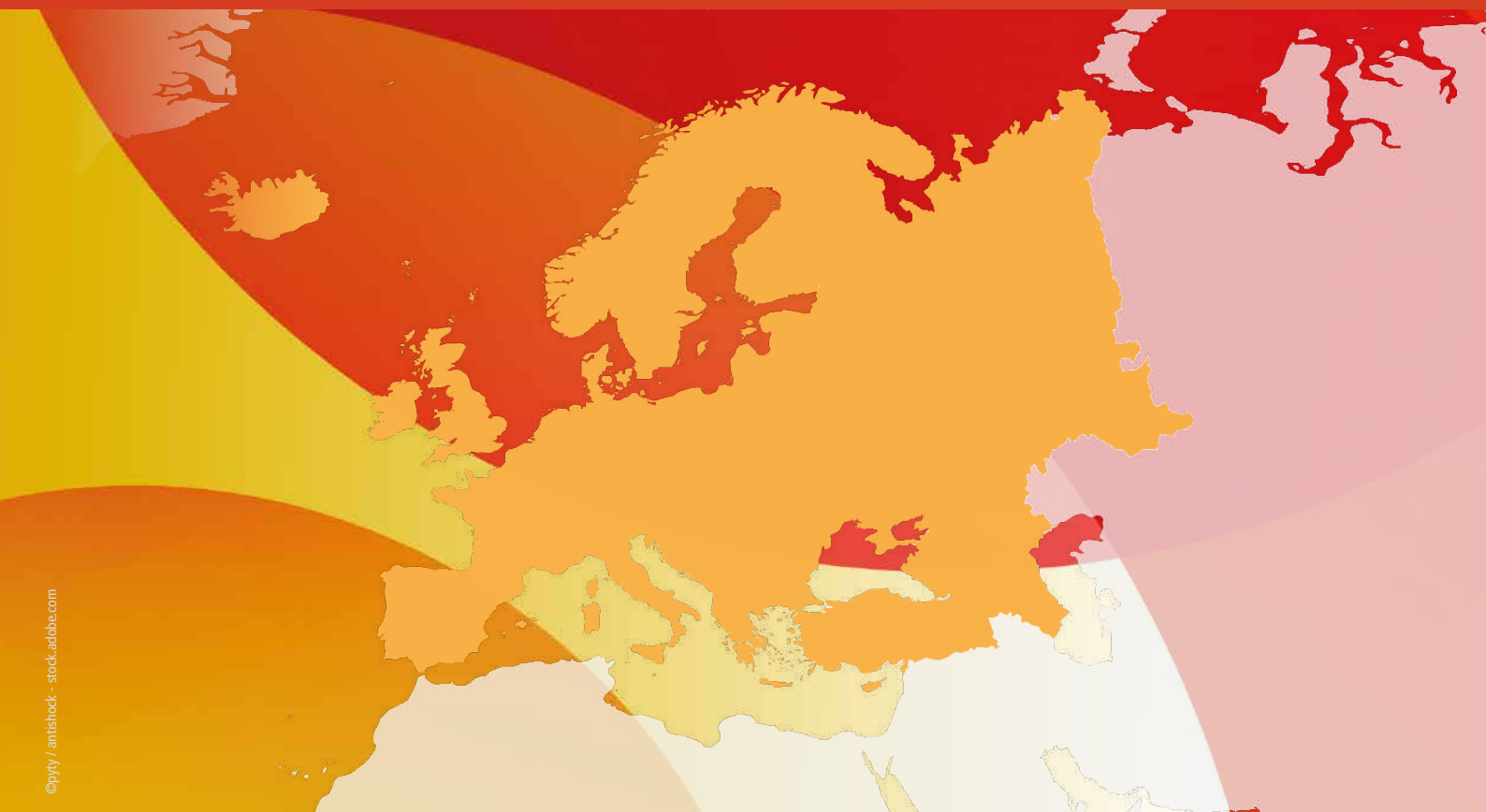
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Distributor

By combining innovative technology and customer-oriented service, Baumer ranks among the leading manufacturers of digital cameras and vision sensors. Modern image processing applications face the challenge of successfully completing complex inspection tasks at top speed.

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Tel.: +39 02 4570 6065, sales.it@baumer.com, www.baumer.com

Producer

**Bentham Instruments Ltd.** · 2 Boulton Road, RG2 0NH Reading, United Kingdom,  
Tel.: +44 118 975 13 55, sales@bentham.co.uk, www.bentham.co.uk

Manufacturer / Producer

**Bizerba Luceo S.A.S.** · 16 rue Laennec, 35772 Vern-Sur-Seiche, France,  
Tel.: +33 0800 730069, commercial@bizerba.fr, www.bizerba.com

Manufacturer / Producer

**Carl Zeiss AG** · c/o Carl Zeiss Shared Services Sp. z o.o. ul. Abpa A. Baraniaka 88E, 61-131 Poznan, Poland, Tel.: +49 800 934 77 33, www.zeiss.com/lenses4industry

Producer

CCS is the global leader in LED lighting for machine vision applications, pioneering with advances in Illumination and Photonics products and technologies. With over 2,000 standard products and more than 4,000 customized products, CCS has an extensive lighting line-up to ensure the right solution for customer applications, and upholds the highest quality standard in the LED lighting industry.



**CCS Europe**  
Bergensesteenweg 421 B  
1600 Sint-Pieters-Leeuw  
Belgium  
Tel.: +32 2 333 00 80  
info@ccseu.com  
www.ccs-grp.com

Distributor

**ClearView Imaging Ltd** · 4 Thame Park Business Centre, Wenman Road, OX9 3XA Oxfordshire, UK, Tel.: +44 01844 217270, info@clearview-imaging.com, www.clearview-imaging.com

Producer

**Comar Optics** · Photon House, Station Road, Linton, CB21 4NW Cambridge, United Kingdom, Tel.: +44 1223 866 120, info@comaroptics.com, www.comaroptics.com

Producer

**Crometic** · Via Julius-Durst Str. 98, 39042 Bressanone/Brixen, Italy,  
Tel.: +39 0472 273 730, info@crometic.com, www.crometic.com

Distributor

**CSI** · 7 Meadowfield Park South, NE43 7QA Stocksfield, United Kingdom,  
Tel.: +44 1661 842 741, gilscott@csi1.co.uk, www.csi-stocksfield.co.uk/

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As a total solutions provider, we've got a long history of creating innovative bar code readers, data collection

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**Datalogic** · Via Candini, 2, 40012 Lippo di Calderara di Reno, Bologna, Italy, Tel.: +39 051 314 70 11, corporate@datalogic.com, www.datalogic.com

## Producer, Solution Provider

DataPixel develops and manufactures 3D vision solutions for high speed and high accuracy non-contact measurement for automotive, aerospace, electronics, plastics and glass. DataPixel OptiScan sensors can be integrated on Coordinate Measurement

Machines (CMM), robots and in-line inspection machines. DataPixel 3D pointcloud analysis software products provide the most advanced geometrical feature extraction and CAD comparison functions.

**Datapixel S.L.** · Carretera de Asúa, 6, 48030 Las Arenas – Getxo, Bizkaia, Spain, Tel.: +34 94 480 51 83, info@datapixel.com, www.datapixel.com/en/

## Producer, Solution Provider

**DataVision s.r.o.** · Ukrajinska 1487/2a, 10100 Prague 10, Czech Republic, Tel.: +42 077 733 11 58, info@datavision.software, www.datavision.software

## Distributor, Producer, Solution Provider

**Deben UK Ltd.** · Brickfields Business Park, IP30 9QS Woolpit, Bury St. Edmunds, Suffolk, United Kingdom, Tel.: +44 1359 244 870, info@deben.co.uk, www.deben.co.uk

## Producer

Delta Optical Thin Film develops and manufactures continuously variable filters for applications in spectroscopy, HSI and fluorescence diagnostics, and customised classical optical

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**Delta Optical Thin Film A/S** · Venlighedsvej 4, 2970 Hørsholm, Denmark Tel.: +45 70 707 146, info@deltaopticalthinfilm.com, www.deltaopticalthinfilm.com

## Solution Provider

**Digital Surf** · 6 rue Lavoisier, 5000 Besançon, France, Tel.: +33 3 815 048 00, contact@digitalsurf.fr, www.digitalsurf.com

## Integrator

**E3tam** · B.Bulv 177d2, 34394 Istanbul, Turkey, Tel.: +90 212 275 22 80, inform@e3tam.com, www.e3tam.com

## Producer

Optical Innovation for LED illumination. Effilux is a worldwide supplier of LED lighting devices for the machine vision market. Effilux offer includes a wide range of standard patented products for line scan inspection, 3D

triangulation, 3D stereovision, accurate optical sorting and others. Additionally, Effilux uses its expertise in optical design to create innovative custom solutions meeting OEM and end users specific requirements.

**Effilux** · 7 Avenue de l'Atlantique, 91940 Les Ulis, France, Tel.: +33 9 723 817 96, sales@effilux.fr, www.effilux.fr

## Association

The European Machine Vision Association EMVA is a non-for-profit and non-commercial association representing the Machine Vision industry in Europe. The association has been founded in 2003 in Barcelona by industry representatives from all over Europe as a

network to promote the development and use of machine vision technology. The EMVA is open for all types of organizations having a stake in machine vision, computer vision, embedded vision or imaging technologies.

## EMVA – European Machine Vision Association

Gran Via de Carles III, 84 (3rd floor), 08028 Barcelona, Spain, Tel.: +34 93 180 70 60, info@emva.org, www.emva.org

## Producer

**Euresys SA** · Rue du Bois Saint-Jean 20, 4102 Seraing, Belgium, Tel.: +32 4 367 72 88, sales.europe@euresys.com, www.euresys.com

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**EyeC-UK Ltd.** · 6 Dauntless Road, RG7 3NZ Reading, Berkshire, United Kingdom, Tel.: +44 118 983 33 47, info@eyec-ukandireland.co.uk, www.eyec-ukandireland.co.uk

## Solution Provider

**FDS Research, d.o.o.** · Suhadolcánova 28, 1231 Ljubljana-Črnuče, Slovenia, Tel.: +386 1 589 75 81, info@fdsresearch.si, www.fdsresearch.si

## Machine Builder/OEM

**Flir Advanced Thermal Solutions** · 19, bld Bidault, 77183 Croissy-Beaubourg, France, Tel.: +33 1 413 397 97, info@flir.com, www.flir.com

## Manufacturer / Producer

**FLIR Systems AB** · Antennvägen 6, PO Box 7376 Täby, Sweden, Tel.: +46 8 753 25 00, www.flir.eu/

## Producer

**Fort SA** · 3 rue Lambert ZL de la Gaudre, 91410 Dourdan, France, Tel.: +33 1 608 118 18, info@fort-fr.com, www.fort-fr.com

## Producer

Gardasoft Vision was founded in 1999 producing LED lighting controllers for the Machine Vision industry, and is now established as a global leader in the design, manufacture and application of high performance LED control technology and high intensity LED lighting. Since its inception, Gardasoft has grown strongly through a continuous high level of re-investment in Research and Development.

**Gardasoft Vision Limited** · Trinity Court Buckingway Business Park Swavesey, CB24 4UQ Cambridge, United Kingdom, Tel.: +44 1954 234 970, vision@gardasoft.com, www.gardasoft.com

## Producer

**Gas Sensing Solutions (GSS)** · 60 Grayhill Road, G68 9HQ Cumbernauld, United Kingdom, Tel.: +44 1236 781 900, info@gassensing.co.uk, www.gassensing.co.uk/

## Producer

**Global Laser Ltd.** · Units 9-10 Roseheyworth Business Park, NP131SP Abertillery, Gwent, United Kingdom, Tel.: +44 1495 212 213, sales@globalasertech.com, www.globalasertech.com

## Integrator

Gpixel delivers off-the-shelf and customized CMOS image sensors that meet the demands of scientific, industrial, professional, and medical cameras. At Gpixel a seasoned, multi-disciplinary team of experts is passionate

about pushing the boundaries of image sensing technologies. As a proven designer and supplier of advanced CMOS image sensors, they deliver both off-the-shelf and fully-customized advanced image sensor solutions.

**Gpixel NV** · Mechelsesteenweg 271, 2018 Antwerp, Belgium, Tel.: +32 330 344 42, info@gpixel.eu, http://en.gpixelinc.com/

## EUROPE

### Machine Builder/OEM

**Graticules Optics Limited** · 17-19 Morley Road, TN9 1RN Tonbridge, United Kingdom, Tel.: +44 1732 360 460, sales@graticulesoptics.com, www.graticulesoptics.com

### Solution Provider

**Hexagon Manufacturing Intelligence** · World Headquarters Office, Cedar House, 78 Portsmouth Road, KT11 1AN Cobham, Surrey, United Kingdom, Tel.: +44 20 706 865 80, marketing@hexagonmi.com, www.hexagonmi.com

### Producer

Ibsen Photonics is a global leader in developing and manufacturing transmission grating components and grating based OEM spectrometer modules for a wide range of telecom, analytical, sensing, and laser mar-

kets. With more than 25 years of experience in transmission gratings and more than 10 years in high volume OEM spectrometer production (from 175 to 2500 nm), we are perfect fit for all kind of instrument makers.

**Ibsen Photonics A/S** · Ryttermarken 17, 3520 Farum, Denmark  
Tel.: +45 4434 700 0, inquiry@ibsen.com, https://ibsen.com/

### Solution Provider

**Icos Vision Systems** · Industriepark Haasrode zone 1 Esperantolaan 8, 3001 Heverlee, Belgium, Tel.: +32 16 398 220, info@icos.be, www.icos.be

### Research Facility

Ideko S.Coop develops its activity in eight research lines under the common scope of developing new products and/or services for manufacturing industry. In particular, Inspection

and Measurement research line aims with the development of innovative automated measuring solutions based on Machine Vision and Photonic technologies.

**Ideko S.Coop** · Arriaga Kalea 2, 20870 Elgoibar, Spain, amendikute@ideko.es, www.ideko.es

### System Solution Provider

**IHFood A/S** · Titangade 9C, 2200 Copenhagen, Denmark, Tel.: +45 3318 9120, contact@ihfood.dk, https://www.ihfood.dk/

### Distributor

Founded in 1994, Image S, based in Mariano Comense (CO) Italy, is a reference for system integrators and OEMs in the machine vision industry in Italy for over two decades. The solutions offered find application in different fields: manufacturing, military, medi-

cal and scientific. Image S supplies all the products required to deploy vision systems: industrial cameras, frame grabbers, lenses, LED lights, laser and optical fiber standard and special cables, software and accessories.

**Image S S.R.L.** · Via Tommaso Grossi, 31, 22066 Mariano Comense (Co), Italy, Tel.: +39 031 746 512, sales@imagessrl.com, www.imagesspa.it

### Distributor

**Infaimon, S.L.** · Vergós, 55, 8017 Barcelona, Spain, Tel.: +34 93 252 57 57, infaimon@infaimon.com, www.infaimon.com

### Producer, Solution Provider

**InRay Solutions Ltd.** · 125 Tzarigradsko shosse blvd., block 2, room 510, 1113 Sofia, Bulgaria, Tel.: +359 2 971 57 51, inrays@inrays.com, www.inrays.com

### Machine Builder/OEM, Solution Provider

**Irida Labs** · Patras Science Park, 26504 Rio, Achaia, Greece, Tel.: +30 26 109 115 68, info@iridalabs.gr, www.iridalabs.gr

### Machine Builder/OEM

**Ivisys** · Siktgatan 2, 162 50 Vällingby, Sweden, Tel.: +46 073 464 66 63, vp@ivisys.com, www.ivisys.com

### Producer

JAI is a global manufacturer of digital cameras for machine vision, traffic imaging, global security, medical imaging and scientific research. Besides a broad range of leading-edge 1-CMOS progressive area scan and line scan cameras, JAI is a leading provider of multi-imager cameras incorporating advanced prism-block tech-

nology, including 3-CMOS RGB area scan cameras, 2-CMOS multi-spectral cameras plus a complete family of 3-CMOS/4-CMOS line scan cameras. JAI's product program includes cameras for visible, UV, NIR and SWIR imaging with GigE Vision, USB3 Vision, CoaXPress, Camera Link and SFP+ interfaces.

**JAI AS - Denmark** · Valby Torvegade 17, 1st floor, 2500 Valby, Denmark  
Tel.: +45 4457 8888, camerasales.emea@jai.com, www.jai.com

### Integrator, Solution Provider

**JasVisio - Vision Artificial** · Olivera, 3, 25286 Olius, Spain, Tel.: +34 973 100 602, info@jasvisio.com, www.jasvisio.com

### Solution Provider

**JLI Vision A/S** · Ellekær 9, 2730 Herlev, Denmark, Tel.: +45 396 608 09, info@jlvision.dk, www.jlvision.dk

### Integrator

As a global supplier for quality tools for injection molding of thermosets and thermoplastic, Kolektor provides integral services and expert support in the demanding segments of the automotive industry and the industry of

household appliances. The company specializes in development and production of lines and machines, specialized equipment for production processes, production automation and machine vision.

**Kolektor Orodjarna d.o.o. - BU Vision** · Cesta v Gorice 34a, 1000 Ljubljana, Slovenia, Tel.: +386 31 525 189, vision@kolektor.com, www.kolektorvision.com

### Distributor

**Lambda Photometrics Ltd.** · Lambda House, Batford Mill, AL5 5BZ Harpenden, United Kingdom, Tel.: +44 1582 764 334, adrian@lambdaphoto.co.uk, www.lambdaphoto.co.uk

### Producer

**Lambert Instruments** · Leonard Springerlaan 19 (5th floor), 9727 KB Groningen, Netherlands, Tel.: +31 50 501 84 61, info@lambertinstruments.com, www.lambertinstruments.com

### Producer

**Laser Quantum Ltd.** · Emery Court, SK4 3GL Stockport, United Kingdom, Tel.: +44 161 975 53 00, info@laserquantum.com, www.laserquantum.com

### Producer

**LAT elektronik AB** · Krossgatan 18, 16250 Vällingby, Sweden, Tel.: +46 87 049 225, info@latab.se, www.latab.se

### Producer

**LED Microsensor NT** · Kurchatova, 10A, 1N, 194223 Saint-Petersburg, Russia, Tel.: +7 812 633 06 35, info@lmsnt.com, www.lmsnt.com

### Distributor

Macnica ATD Europe looks back on 30 Years of Trusted Imaging Solutions. Founded in 1990 as ATD Electronique, the company distributes innovative components dedicated to imaging applications for the European market. Its product portfolio includes

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**Macnica ATD Europe** · 2-6 Rue Emile Pathé - Espace Lumière Bât 2, 78400 Chatou, France, Tel.: +33 1 301 569 70, sales@atdelectronique.com, www.atdelectronique.com



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## EUROPE

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Distributor

**Molenaar Optics VOF** · P.O. Box 2, 3700 AA Zeist, Netherlands,  
Tel.: +31 30 695 10 38, info@molenaar-optics.nl, www.molenaar-optics.com

Solution Provider

**Neadvance Machine Vision S.A.** · Travessa de Gaiao, 5/6 2ªFase,  
4705-025 Braga, Portugal, Tel.: +49 3221 322 21 53, sales.de@neadvance.com,  
www.neadvance.com

Producer

**New Imaging Technologies (NIT)** · 1-4 Impasse de la noisette, Bat D-1er étage,  
91370 Verrières le Buisson, France, Tel.: +33 1 644 788 58,  
info@new-imaging-technologies.com, www.new-imaging-technologies.com

Producer

**NTI** · 32 Route de Seichebrières, 45530 Vitry aux Loges, France,  
Tel.: +33 238 593 051, info@nti-measure.com, www.nti-measure.com

Producer, Solution Provider

**Omron Europe B.V.** · Wegalaan 67-69, 2132 JD Hoofddorp, Netherlands,  
Tel.: +31 23 568 13 00, info@eu.omron.com, www.industrial.omron.eu

Producer

**Omron Microscan Systems Inc.** · Lemelerberg 17, 2402 ZN Alphen aan den Rijn,  
Netherlands, Tel.: +31 172 423 360, emea@microscan.com, www.microscan.com

Manufacturer / Producer

**ON Semiconductor Belgium BVBA** · Westerring 15, 9700 Oudenaarde, Belgium,  
Tel.: +32 488 098989, www.onsemi.com

Producer

**Optics Balzers AG** · Neugrüt 35, 9496 Balzers, Liechtenstein,  
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Producer

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Headquarters**  
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Integrator, Solution Provider

**OptoFidelity Oy** · Hemiankati 8 D, 33729 Tampere, Finland,  
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Consultant, Machine Builder/OEM, Producer, Research Facility, Solution Provider

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**OptoMotive, mechatronics Ltd.** · V Murglah 229, 1000 Ljubljana, Slovenia,  
Tel.: +386 1 429 29 14, info@optomotive.si, www.optomotive.si

Distributor, Integrator, Solution Provider

**PCS Industries Ltd.** · Unit 2 Brocks Business Park, SS11 2UG Wickford, Essex,  
United Kingdom, Tel.: +44 1268 733 515, info@pcs-industries.co.uk,  
www.pcs-industries.co.uk

Solution Provider

**Phase One Industrial** · Roskildevej 39, 2000 Frederiksberg, Denmark,  
Tel.: +45 36 460 111, industrial@phaseone.com, industrial.phaseone.com

Producer

**Phlox Corporation** · Lot n° 8, Rue Louis Berton, Quartier de l'Enfant -  
ZAC du Quartier, 13100 Aix-en-Provence, France,  
Tel.: +33 4 429 076 20, christinablanc@mac.com, www.phlox-gc.com

Producer, Solution Provider, Other

**Photoneo** · Jamnickeho 3, 84105 Bratislava, Slovakia,  
Tel.: +421 948 766 598, sales@photoneo.com, www.photoneo.com

Distributor, Producer

**Photonic Products Ltd.** · Sparrow Lane, Hatfield Broad Oak CM22 7BA,  
United Kingdom, Tel.: +44 1279 717 170, sales@photonic-products.com,  
www.photonic-products.com

Producer

**Photron (Europe) Ltd.** · The Barn, Bottom Road, West Wycombe,  
Bucks, HP14 4BS, United Kingdom,  
Tel.: +44 1494 481 011, ahilton@photron.com, www.photron.com

Distributor

**Premier Electronics Ltd.** · Old Bishops College/Churchgate,  
EN8 9XH Waltham Cross, Herts, United Kingdom,  
Tel.: +44 1992 637 211, sales@premierelect.co.uk, www.premierelect.co.uk/

Solution Provider

**Pro-Lite Technology France** · 2 Allee Ulysse Gayon, 33650 Martillac, France,  
Tel.: +33 5 564 924 92, jerome.castay@pro-lite.fr, www.pro-lite.fr

Distributor

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**Prophesee (formerly Chronocam)**  
74 Rue du Faubourg Saint Antoine, 75012 Paris, France,  
Tel.: +33 1 85 73 27 33, contact@prophesee.ai, www.prophesee.ai

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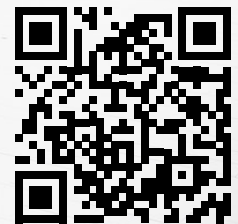
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Solution Provider

**Robosystem srl** · via Pertini 51, 20041 Bussero, Italy, Tel.: +39 03 463 043 219, m.rossi@robosystemsrl.com, www.robosystemsrl.com

Manufacturer / Producer

**Rockwell Automation Ltd** · Pitfield Kiln Farm Milton Keynes MK11 3DR, United Kingdom, www.rockwellautomation.com

Solution Provider

**Scintacor Ltd.** · 8 Roydonbury Industrial Estate, CM19 5BZ Harlow, Essex, United Kingdom, Tel.: +44 1279 641 234, sales@scintacor.com, www.scintacor.com

Solution Provider

**SEA Vision** · via Folla di Sopra, 21, 27100 Pavia, Italy, Tel.: +39 0382 529 576, czetta@seavision.it, www.seavision.it

Producer, Solution Provider

**Sensofar** · Parc Audiovisual de Catalunya, Crta. BV-1274 Km 1, 8225 Terrassa, Spain, Tel.: +34 93 700 14 92, info@sensofar.com, www.sensofar.com

Producer

Silios Technologies is specialized in micro-optics. Design and manufacture of VIS/NIR multispectral cameras and custom multispectral filters for any pixelated sensors from any manufacturer. Also diffractive optics for intense lasers, large grisms and CGH. The applications' fields are: Agriculture, Agro-food, MedTechs, Cosmetics, Lasers, Space & Astronomy, Homeland Security & Defense and Forensics.

**Silios Technologies** · ZI Peynier-Rousset, Rue Gaston Imbert prolongée, 13790 Peynier, France, Tel.: +33 442 53 89 60, contact@silios.fr, www.silios.com

Producer

**SKS Vision Systems OY** · P.O. Box 353, 40101 Jyväskylä, Finland, Tel.: +358 20 764 89 60, sales@visionsystems.fi, www.visionsystems.fi

Producer

**Smartek Vision** · Bana Josipa Jelacica 22c, HR-40000 Cakovec, Croatia, Tel.: +385 40 493 800, info@smartekvision.com, www.smartekvision.com

Producer

**Sony Europe Ltd.** · The Heights, Brooklands, KT13 0XW Weybridge, Surrey, United Kingdom, Tel.: +33 1 559 035 12, zone@eu.sony.com, www.pro.sony.eu/vision

Producer

**SPC Company b.v.** · Vimmerik 28, 5253 CB Nieuwkuijk, Netherlands, Tel.: +31 73 513 11 88, sales@spccompany.nl, www.spccompany.nl

Distributor

**Special Application Products Ltd.** · Unit 5 Manor Farm Business Centre, Ipswich IP9 2TD, United Kingdom, Tel.: +44 1473 327 732, sales@sapltld.co.uk, www.sapltld.co.uk

Distributor

**Spectrum Metrology Ltd.** · Unit 8 Ireton Ave, LE4 9EU Leicester, United Kingdom, Tel.: +44 116 276 62 62, sales@spectrum-metrology.co.uk, www.spectrum-metrology.co.uk

Distributor

**Stemmer Imaging AB** · Sandhamnsgatan 63C, 102 52 Stockholm, Sweden, Tel.: +46 85 551 10 00, michael.cohn@stemmer-imaging.se, www.stemmer-imaging.com

Machine Builder/OEM

**Stil** · 595 rue Pierre Berthier - Domaine Saint Hilaire, 13855 Aix-en-Provence, France, Tel.: +33 4 423 966 51, contact@stilsa.com, www.stilsa.com

Producer

**Sundance Multiprocessor Technology Ltd** · "Ciltern House", HP5 1PS Waterside, Chesham, United Kingdom, Tel.: +44 1494 793 167, divp@sundance.com, www.sundance.com

Association

**SYMOP - Syndicat des machines et technologies de production** · 45 Rue Louis Blanc Maison de la mécanique, 92038 Paris-La Défense Cedex, France, Tel.: +33 02 35 81 80 00, contact@visionic.fr, www.visionic.fr/

Solution Provider

**Techway** · 19 avenue de Norvège, 91140 Villebon sur Yvette, France, Tel.: +33 1 64 53 37 90, info@techway.fr, http://www.techway.fr

Manufacturer / Producer

Teledyne e2v is designer and manufacturer of high tech electronic components and subsystems including semiconductors, sensors and electronic tubes. E2v supplies high performance CCD and CMOS imaging sensors and cameras for a broad range of demanding applications, operating across the electro-magnetic spectrum from X-rays, through ultraviolet and visible light to infrared. Delivered to standard or highly customized designs, our sensors serve space, astronomy, dental, scientific, medical and industrial markets.

**Teledyne e2v Semiconductors SAS** · P.O. Box 123, 38521 Saint Egrève Cedex, France, Tel.: +33 0 4 76 58 30 00, www.teledyne-e2v.com/

Producer

Teledyne e2v Ltd is a leading designer and manufacturer of high performance image sensors (CMOS, CCD, EMCCD) and cameras for a broad range of applications including machine vision, medical, science, aerospace and defense imaging. e2v produces the class-leading Uniiqa+, Eliixa+, Aviiva, and Diviina line scan camera ranges, which address a broad range of applications.

**Teledyne e2v Ltd** · 106 Waterhouse Lane, CM1 2QU Chelmsford, United Kingdom, www.teledyne-e2v.com/

Producer

Teledyne Innovaciones Microelectronicas SLU is specialized in the design and production of custom high-speed, high-performance CMOS camera systems on-chip (camera SoC) and vision systems on-chip (VSoC) for industrial, surveillance, scientific, and medical applications. The team consists of fifty experienced and highly specialized engineers and PhDs expert in high-performance image sensor and SoC design, and in all aspects of vision technology.

**Teledyne Innovaciones Microelectronicas SLU** · C/ Isaac Newton 4, Pabellón de Italia, Planta 5 SE-NE, 41092 Sevilla, Spain, Tel.: +34 954 081 273, https://teledyne-anafocus.com

Solution Provider, Producer

MSC and SGCC started inside two famous glassmakers: 1963 MSC is created within BSN, as a small department, to invent on-line inspection solutions for its hollow glass production. 1973 SGCC starts its existence within Saint-Gobain glassmaker to perform multi- inspection on glass containers with the first star-wheel principle machine. On December 1st, 2015 the corporate name of the company has changed for Tiamia.

**Tiamia Group** · ZA des Plattes, 1 Chemin des Plattes, 69390 Vourles, France, www.tiamia.com

Producer

**Tordivel AS** · Storgata 20, 184 Oslo, Norway, Tel.: +47 2315 870 0, office@toridvel.no, www.scorpionvision.com

Producer

**TriVision** · Havnegade 23, 5000 Odense, Denmark, Tel.: +45 28 353 135, korsgaard@trivision.dk, www.trivision.dk

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## EUROPE

### Integrator

Operating in Europe, US and Asia markets for over 20 years, TST Engineering & Vision is specialized in artificial vision products and solutions. The

company designs, develops deploy and market artificial vision systems for quality control, track & trace of industrial processes.

**TST Engineering & Vision** · Rua do Centro Empresarial Beloura Office Park Edifício 7 - Piso 0 - Loja 2, 2710 - 693 Sintra, Portugal, [contact@tstvision.com](mailto:contact@tstvision.com), [www.tstvision.com](http://www.tstvision.com)

### Producer

**TVI Vision** · Asentajankatu 3, 880 Helsinki, Finland, Tel.: +358 207 579 518, [www.tvivision.com](http://www.tvivision.com)

### Association

**UKIVA - UK Industrial Vision Association** · Stafford Road, SM6 9AA Wallington, Surrey, United Kingdom, Tel.: +44 20 8773 8111, [chris.valdes@ppma.co.uk](mailto:chris.valdes@ppma.co.uk), [www.ukiva.org](http://www.ukiva.org)

### Integrator, Solution Provider

**Univision Srl** · via Appiani 3, 20038 Seregno, Italy, Tel.: +39 0362 600 201, [info@univision.it](mailto:info@univision.it), [www.univision.it](http://www.univision.it)

### Machine Builder/OEM

**Videometer A/S** · Lyngso Allé 3, 2970 Horsholm, Denmark, Tel.: +45 457 610 77, [info@videometer.com](mailto:info@videometer.com), [www.videometer.com](http://www.videometer.com)

### Distributor, Producer

**Vision Light Tech** · Protonenlaan 22, 5405 NE Uden, Netherlands, Tel.: +31 413 260 067, [info@vlt.nl](mailto:info@vlt.nl), [www.visionlighttech.com](http://www.visionlighttech.com)

### Distributor

**Visionlink Srl** · Via Marco Polo 22, 20038 Seregno, Italy, Tel.: +39 0362 600 202, [info@visionlink.it](mailto:info@visionlink.it), [www.visionlink.it](http://www.visionlink.it)

### Distributor, Integrator, Solution Provider

**Vistek Machine Vision and Automation AS** · Kemal Nehrozoglu caddesi, 41480 Kocaeli, Turkey, Tel.: +90 262 678 89 02, [info@vistekas.com](mailto:info@vistekas.com), [www.vistekas.com](http://www.vistekas.com)

### Producer

V-Optics designs, manufactures and sells sensors and measurement systems enable to characterize light reflective and transparent surfaces. The proposed solutions are based on phase shifting deflectometry technol-

ogy. V-Optics developed a set of sensors and equipment for several applications used in various industries, e.g. Plastics and Composites, Glazing, Paper Mills, Medical Devices.

**V-Optics SAS** · ZAC Mermoz - Espace Mermoz 10, rue du 11ème Régiment d'Aviation, 57155 Marly, France, Tel.: +33 3 87 76 86 90, [info@v-optics.fr](mailto:info@v-optics.fr), [www.v-optics.fr](http://www.v-optics.fr)

### Research Facility

Vicomtech (Visual Interaction and Communication Technologies Centre) is an applied research centre specialising in Advanced Interaction, Computer Vision, Data Analytics and Computer Graphics technologies. The centre

aims to respond to the innovation requirements of companies and institutions. To do this, it conducts applied research and develops multimedia visual interaction and communications technologies.

**Vicomtech** · Paseo Mikeletegi 57, Parque Científico y Tecnológico de Gipuzkoa, 20009 Donostia / San Sebastian, Spain, Tel.: +34 943 309 230, [info@vicomtech.org](mailto:info@vicomtech.org), [www.vicomtech.org/en](http://www.vicomtech.org/en)

### Producer

Video Systems is a company specialized in computer vision and AI in quality and process control at the service of manufacturing industry. Starting from 1993 we share our experience to allow our customer to grow steadily over time. Today Video Systems is the reliable partner for the interna-

tional market leaders of the main industrial sectors.

Video Systems invest an important amount of hours in R&D and currently are releasing Apicus a project that combines robotics, vision and artificial intelligence in a single solution.

**Video Systems Srl** · Viale G.Mangiarotti 4, 33033 Z.I. Codroipo (UD) Italy, Tel.: +39 0432 913 582, [info@videosystems.it](mailto:info@videosystems.it), <https://videosystems.it/en/>

### Other

The Vision Club of Finland has over 200 members representing machine vision companies, endusers, universities and research organisations.

**Vision Club of Finland** · Asemapäällikönkatu 12 B, 00520 Helsinki, Finland, Tel.: +358 50 400 6624, [office@automaatioseura.fi](mailto:office@automaatioseura.fi), [www.automaatioseura.fi/in-english/](http://www.automaatioseura.fi/in-english/)

### Distributor, Integrator

ViTec was established in 1995 with headquarters located in Saint-Petersburg. Since that time the company has been working in the field of industrial measurements and automation. Through access to modern technologies and technical equip-

ment teh team of professionals can efficiently solve the most complex technical problems. In order to increase the speed of customer service in Siberia and the Far East a ViTec-Siberia department was opened in 2006 in Tomsk.

**ViTec** · Fontanka 170, 198035 Saint-Petersburg, Russian Federation, [info@vitec.ru](mailto:info@vitec.ru), [www.vitec.ru](http://www.vitec.ru)

### Producer

VST Europe is a subsidiary of VS Technology, a Japanese developer and manufacturer of sophisticated imaging equipment with a focus on lenses and lighting solutions. The company supports the machine vision market

with advanced optical know-how to meet the customers' various requirements. With the growth of IT and electronics industries, we are seeing high performance yet light and compact machine vision products.

**VST Europe B.V** · Herikerbergweg 292-342, 1101 CT Amsterdam, Netherlands, Tel.: +31 20 305 13 10, <https://vst.co.jp/en>

### Manufacturer / Producer

**Zebra Technologies Europe Limited** · Dukes Meadow, Millboard Road, SL8 5XF Bourne End, United Kingdom, Tel.: + 44 800 328 2424, [contact.emea@zebra.com](mailto:contact.emea@zebra.com), [www.zebra.com](http://www.zebra.com)

# North America



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## NORTH AMERICA

Consultant, Distributor, Integrator, Machine Builder/OEM, Research Facility, Solution Provider

**3D Infotech, Inc.** · 7 Hubble, 92618 Irvine, CA, United States of America, Tel.: +1 949 988 02 00, info@3dinfotech.com, www.3dinfotech.com

Solution Provider

**A&B Software** · 5 Holly Ter, 6320 New London, CT, United States of America, Tel.: +1 860 823 83 01, sales@ab-soft.com, www.ab-soft.com

Machine Builder/OEM

**Acculogic Inc.** · 175 Riviera Drive, L3R 5J6 Markham, ON, Canada, Tel.: +1 905 475 59 07, sales@acculogic.com, www.acculogic.com

Machine Builder/OEM

**Acculogic Ltd.** · 112-20992 Bake Parkway, 92630 Lake Forest, CA, USA, Tel.: +1 949 595 40 80, sales@acculogic.com, www.acculogic.com

Producer

**Advanced Optics, Inc.**  
PO Box 117, 53072 Pewaukee, WI, United States of America, Tel.: +1 262 548 11 51, sales@advancedoptics.com, www.advancedoptics.com

Machine Builder/OEM

**AGR International, Inc.**  
615 Whitestown Road, 16001 Butler, PA, United States of America, Tel.: +1 724 482 21 63, sales@agrintl.com, www.agrintl.com

Distributor

**Allied Scientific Pro**  
815 Boul. de la Carrière, bureau 202, J9J2S8 Gatineau, QC, Canada, Tel.: 1 800 253 41 07, info@alliedscientificpro.com, www.alliedscientificpro.com

Producer

**Allison Park Group, Inc.**  
4055 Alpha Drive, 15101 Allison Park, PA, United States of America, Tel.: +1 412 487 82 11, sales@apgvision.com, www.apgvision.com

Machine Builder/OEM

**Altair Industries, Inc.**  
217 Racquette Drive, #5, 80524 Fort Collins, CO, United States of America, Tel.: +1 970 217 16 23, altair.industries@comcast.net, www.altairindustriesinc.com

Machine Builder/OEM

**Applied Electro-Optics Inc.**  
10619 Senna Hills DR, 78733-5729 Austin, TX, United States of America, Tel.: +1 512 686 07 52, sales@aeousa.com, www.aeousa.com

Producer, Solution Provider

**Asylum Research**  
6310 Hollister Ave., 93117 Santa Barbara, CA, United States of America, Tel.: +1 805 696 64 66, sales@asylumresearch.com, www.asylumresearch.com

Distributor

**AutomationDirect**  
3505 Hutchinson Road, 30040 Cumming, GA, United States of America, Tel.: +1 800 633 04 05, sales@automationdirect.com, www.automationdirect.com

Distributor

By combining innovative technology and customer-oriented service, Baumer ranks among the leading manufacturers of digital cameras and vision sensors. Modern image processing applications face the challenge of successfully completing complex inspection tasks at top speed. Baumer products are specially developed for demanding applications with high performance and quality requirements. With long-time stable reliability, versatility and easy integration, they convince customers all over the world.

**Baumer Ltd.** · 122 Spring Street, Unit C-6, 6489 Southington CT, United States of America, Tel.: +1 860 621 2121, sales.us@baumer.com, www.baumer.com

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**Birger Engineering Inc.** · 38 Chauncy Street 1101, 02111 Boston, MA, United States of America, info@birger.com, www.birger.com/

Other

BitFlow has been developing industrial frame grabbers & software for the imaging industry since 1993. We specialize in interfacing to cameras with very high data/frame rates; working in environments with complex triggering and I/O requirements; and running in applications where every CPU cycle is precious. Our primary interfaces are Camera Link & CXP. Our software is some of the easiest to use, yet incredibly powerful and reliable. We are confident that we can solve your imaging challenges.

**BitFlow, Inc.** · 400 W Cummings Park, Suite 5050, 1801 Woburn, MA, United States of America, Tel.: +1 781 932 29 00, sales@bitflow.com, www.bitflow.com

Distributor

**Bock Optronics Inc.** · 14 Steinway Blvd., Suite 7, M9W 6M6 Toronto, ON, Canada, Tel.: +1 416 674 28 04, sales@bockoptronics.ca, www.bockoptronics.ca

Producer, Solution Provider

**Breault Research Organization**  
2175 E Valencia Rd #125, 85706 Tucson, AZ, United States of America, Tel.: +1 520 721 05 00, marketing@breault.com, www.breault.com

Producer

**Capovani Brothers Inc.** · 704 Prestige Parkway, 12302 Scotia, NY, United States of America, Tel.: +1 518 346 83 47, cbi@capovani.com, www.capovani.com

Integrator

**Cepoint Networks, LLC.** · 1W Otterson Street, 03060-4500 Nashua, NH, United States of America, Tel.: +1 603 883 79 79, sales@cepoint.com, www.cepoint.com

Solution Provider

**Cimetrix Inc.** · 6979 S. High Tech Drive, Salt Lake City, UT 84047, United States of America, Tel.: +1 801 256 65 00, sales@cimetrix.com, www.cimetrix.com

Solution Provider

Cogniac enables enterprise customers to extract information from ever-increasing streams of video and image data. If you can see an item or condition of interest — even if it requires professional expertise — the system can automatically observe images and video and detect that item. Using modern advances in deep learning, the products achieve better-than-human performance at many highly-focused observation tasks.

**Cogniac Corporation** · 150 Almaden Blvd, Suite 1200, 95113 San Jose, CA, United States of America, contact@cogniac.co, www.cogniac.co

Producer

**Coherent Canada** · 275 Kesmark, H9B3J1 Montreal, QC, Canada, Tel.: +1 514 685 22 03, lasers@stockeryale.com, www.coherent.com

Research Facility, Solution Provider

**Coherix, Inc.** · 3980 Ranchero Drive, 48108-2775 Ann Arbor, MI, United States of America, Tel.: +1 734 922 40, rons@coherix.com, www.coherix.com

Solution Provider

**Complete Inspection Systems, Inc.** · 334 Fourth Avenue, 32903 Indialantic, FL, United States of America, Tel.: +1 321 952 24 90, gparish@autoproofpro.com, www.completeinspectionssystem.com



## Producer

Components Express, Inc. is an authorized manufacturer and global supplier of CameraLink and related cable assemblies serving the Machine Vision Industry. Components Express' extensive product development & engineering support is recognized

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## Producer

**Computer Dynamics** · 7640 Pelham Road, Greenville, SC 29615, United States of America, Tel.: +1 864 627 88 00, cdisales@gefanc.com, www.cdynamics.com

## Machine Builder/OEM

**Crowley Company, The** · 5111 Pegasus Court, Suite M, 21704 Frederick, MD, United States of America, Tel.: +1 240 215 02 24, cherib@thecrowleycompany.com, www.thecrowleycompany.com

## Producer

**CyberOptics Semiconductor, Inc.** · 13555 SW Millikan Way, Beaverton, OR 97005, United States of America, Tel.: +1 503 495 22 00, csinfo@cyberoptics.com, www.imagenation.com

## Integrator

**Cyth Systems, Inc.** · 9835 Carroll Centre Road, Suite 104, 92126 San Diego, CA, United States of America, Tel.: +1 888 508 73 55, info@cyth.com, www.cyth.com

## Machine Builder/OEM

**Deposition Sciences, Inc. (DSI)** · 3300 Coffey Lane, 95403 Santa Rosa, CA, United States of America, Tel.: +1 707 573 67 85, solutions@depisci.com, www.depisci.com

## Distributor

**Digital West Imaging** · 450 Mountain View Road, El Cajon, CA 92021, United States of America, Tel.: +1 866 593 19 00, sales@digitalwestimaging.com, www.digitalwestimaging.com

## Producer

**Directed Perception** · 890C Cowan Road, Burlingame, CA 94010, United States of America, Tel.: +1 650 692 39 00, sales@dperception.com, www.dperception.com

## Machine Builder/OEM

**Dover Motion** · 159 Swanson Road, 1719 Boxborough, MA, United States of America, Tel.: +1 800 227 1066, sales@dovermotion.com, dovermotion.com/

## Solution Provider

**Dunkley International Inc.** · 1910 Lake St., MI 49001 Kalamazoo, United States of America, Tel.: +1 269 343 55 83, nhatzinikolis@dunkleyintl.com, www.dunkleymachinevision.com

## Machine Builder/OEM

**E-con Systems** · 11027 Sandistan Manor Ct, 63146 St Louis, MO, United States of America, Tel.: +1 314 732 11 52, sales@e-consystems.com, www.e-consystems.com

## Producer

**EDT Engineering Design Team Inc.** · 3423 NE John Olsen Avenue, 97124 Hillsboro, OR, United States of America, Tel.: +1 503 690 12 34, info@edt.com, www.edt.com

## Producer

**Epix, Inc.** · 381 Lexington Drive, Buffalo Grove, IL 60089-6934, United States of America, Tel.: +1 847 465 18 18, epix@epixinc.com, www.epixinc.com

## Producer

**FastVision** · 131 D.W. Highway #529, 3060 Nashua, NH, United States of America, Tel.: +1 603 891 43 17, sales@fast-vision.com, www.fast-vision.com

## Producer

**Fiberoptics Technology** · 1 Quassett Road, Pomfret, CT 06258, United States of America, Tel.: +1 860 928 04 43, sgiamundo@fiberoptix.com, www.fiberoptix.com

## Producer

**FiFo Optics Co., Ltd.** · 2010 Crow Canyon Place, Suite 100, 94583 San Ramon, CA, United States of America, Tel.: +1 925 234 48 68, fiorinashen@fifooptics.com, www.fifooptics.com

## Producer

**FljW Optical Systems, Inc.** · 322 N Woodwork Ln, Palatine, IL 60067-4933, United States of America, Tel.: +1 847 358 25 00, irsales@findscope.com, www.findscope.com

## Producer

Flir Integrated Imaging Solutions Inc., formerly Point Grey Research., is a global leader in the design and manufacture of innovative, high-performance digital cameras for industrial, medical and life science, traffic, biometric, GIS, and people counting applications.

**Flir Integrated Imaging Solutions Inc.** · 12051 Riverside Way, V6W 1K7 Richmond, BC, Canada, Tel.: +1 604 242 99 37, mv-sales@flir.com, www.flir.com/mv

## Producer

Flir Systems is a global leader in the design and manufacture of innovative machine vision cameras. Starting with the acquisition of Point Grey in 2016, Flir is developing a machine vision center of excellence with the goal of delivering best-in-class customer experiences and helping our customers be more competitive.

**Flir Systems, Inc.** · 12051 Riverside Way, Richmond, BC V6W 1K7, Canada, Tel.: +1 604 242 99 37, mv-sales@flir.com, www.flir.com/mv

## Machine Builder/OEM, Solution Provider

**Fresh Digit** · 22671 Brookhaven, 92630 Lake Forest, CA, United States of America, Tel.: +1 949 204 02 88, online@freshdigit.com, www.freshdigit.com

## Integrator, Solution Provider

**FSI Technologies Inc.** · 668 Western Ave., 60148 Lombard, IL, United States of America, Tel.: +1 630 932 93 80, info@fsinet.com, www.fsinet.com

## Producer

**Gevicam Inc.** · 673 S. Milipitas Blvd, Milpitas, CA 95035, United States of America, Tel.: +1 408 262 57 72, info@gevicam.com, www.gevicam.com

## Other

**HD Barcode LLC** · 334 Fourth Ave, 32903 Indialantic, FL, United States of America, Tel.: +1 321 862 24 89, gparish@hdbarcode.com, www.hdbarcode.com

## Producer

**Imaging Solutions Group** · 1387 Fairport Road, 14450 Fairport, NY, United States of America, Tel.: +1 585 388 52 20, sales@isgcameras.com, www.isgcameras.com

## Producer

**Imperx** · 6421 Congress Avenue, 33487 Boca Raton, FL, United States of America, Tel.: +1 561 989 00 06, sales@marketing.com, www.imperx.com

## Producer

**Intercon 1** · 7746 Goedderz Rd., Ste 110, 56425 Buxter, MN, United States of America, Tel.: +1 218 828 31 57, intercon@nortechsys.com, www.intercon-1.com

## NORTH AMERICA

### Producer

**IO Industries** · 15940 Robin's Hill Road, N5V 0A4 London, ON, Canada, Tel.: +1 519 663 95 70, sales2@ioindustries.com, www.ioindustries.com

### Machine Builder/OEM, Producer, Solution Provider

**ISVI Corp.** · 290 Highland Ave 2nd Fl, 6410 Cheshire, CT, United States of America, Tel.: +1 951 317 00 19, sales@isvi-corp.com, www.isvi-corp.com

### Producer

JAI is a global manufacturer of digital cameras for machine vision, traffic imaging, global security, medical imaging and scientific research. Besides a broad range of leading-edge 1-CMOS progressive area scan and line scan cameras, JAI is a leading provider of multi-imager cameras incorporating advanced prism-block technology, including 3-CMOS RGB area scan cameras, 2-CMOS multi-spectral cameras plus a complete family of 3-CMOS/4-CMOS line scan cameras. JAI's product program includes cameras for visible, UV, NIR and SWIR imaging with GigE Vision, USB3 Vision, CoaxPress, Camera Link and SFP+ interfaces.

**JAI Inc. - USA** · 6800 Santa Teresa Blvd., Suite 175, 95119 San Jose CA, United States of America, Tel.: +1 408 383 0300, camerasales.americas@jai.com, www.jai.com

### Producer

**Lambda Research Corporation** · 25 Porter Road, 01460-1434 Littleton, MA, United States of America, Tel.: +1 978 486 07 66, sales@lambdare.com, www.lambdare.com

### Distributor

**LDD Trading Associates, LLC** · 119B Emerson Road, 3055 Milford, NH, United States of America, Tel.: +1 603 732 57, sales@lddlight.com, www.lddlight.com

### Manufacturer / Producer

**Light Labs Inc.** · 725 Shasta St., CA 94063 Redwood City, United States of America, sales@light.co, www.light.co

### Producer

**Lincoln Laser Company** · 234 East Mohave, Phoenix, AZ 85004, United States of America, Tel.: +1 602 257 04 07, bcmcgrath@lincolnlaser.com, www.lincolnlaser.com

### Solution Provider

At LMI Technologies we work to advance quality and productivity with 3D sensor technology. Our award-winning, FactorySmart solutions improve the quality and efficiency of factory production by providing fast, accurate, reliable inspection solutions that leverage smart 3D technologies.

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**LMI Technologies Inc.** · 9200 Glenlyon Parkway, V5J 5J8 Burnaby, BC, Canada, Tel.: +1 604 636 10 11, contact@lmi3d.com, www.lmi3d.com

### Machine Builder/OEM

**Lumetrics, Inc.** · 1565 Jefferson Rd, #420, 14623 Rochester, NY, United States of America, Tel.: +1 585 214 24 55, sales@lumetrics.com, www.lumetrics.com

### Producer

**Mad City Labs, Inc.** · 2524 Todd Drive, 53713 Madison, WI, United States of America, Tel.: +1 608 298 08 55, sales@madcitylabs.com, www.madcitylabs.com

### Manufacturer / Producer

Matrox Imaging is the machine vision industry's most trusted supplier of vision software, smart cameras, 3D sensors, vision controllers, I/O cards, and frame grabbers. For more than 40 years, we have developed products

with assured quality and longevity, applying trusted industry standards. Our products are backed by meticulous in-house design expertise and come with dedicated customer support.

**Matrox Imaging** · 1055 St-Regis Blvd., H9P 2T4 Dorval, Canada, Tel.: +1-800 804 6243, www.matrox.com/en/imaging

### Machine Builder/OEM

**Mega Speed Corporation** · 45 MainSt S, Unit B, R0J 1E0 Minnedosa, Manitoba, Canada, Tel.: +1 204 867 37 67, info@megaspeedusa.com, www.megaspeedusa.com

### Producer

**Metaphase Technologies, Inc.** · 3412 Progress Drive (unit C), Bensalem, PA 19020, United States of America, Tel.: +1 215 639 86 99, info@metaphase-tech.com, www.metaphase-tech.com

### Consultant

**Michigan Metrology LLC** · 17199 N. Laurel Park Drive Ste. #51, 48152-2679 Livonia, MI, United States of America, Tel.: +1 734 953 50 30, info@michmet.com, www.michmet.com

### Producer

**Midwest Optical Systems, Inc.** · 322 N. Woodwork Lane, 60067 Palatine, IL, United States of America, Tel.: +1 847 359 35 50, info@midopt.com, www.midopt.com

### Distributor, Integrator, Solution Provider

**MsiVision** · 5 Herbert Drive, Suite 1N, 12309 Latham, NY, United States of America, Tel.: +1 518 346 71 36, info@msivision.com, www.msivision.com

### Consultant, Integrator, Machine Builder/OEM, Producer, Research Facility, Solution Provider

**Nanovea** · 6 Morgan Ste 156, 92618 Irvine, CA, United States of America, Tel.: +1 949 461 92 92, info@nanovea.com, nanovea.com/profilometers

### Producer, Solution Provider

**Navitar** · 200 Commerce Drive, 14623 Rochester, NY, United States of America, Tel.: +1 585 359 40 00, info@navitar.com, www.navitar.com

### Association, Machine Builder/OEM, Solution Provider, Other

**Newnex Technology Corporation** · 3041 Olcott St., 95054 Santa Clara, CA, United States of America, Tel.: +1 408 986 99 88, information@newnex.com, www.newnex.com

### Consultant, Integrator, Machine Builder/OEM, Research Facility, Solution Provider, Other

**Norman N. Axelrod Associates** · 445 East 86th Street, 10028 New York, NY, United States of America, Tel.: +1 212 741 63 02, naxelrod@axelrodassociates.com, www.axelrodassociates.com

### Producer

**Norpix, Inc.** · 1751 Richardson St., Suite 6117, H3K1G6 Montreal QC, Canada, Tel.: +1 514 846 0009 ex:22, ln@norpix.com, www.norpix.com

### Producer

**Novacam Technologies Inc.**  
277 Lakeshore Road, Suite 04, H9S 4L2 Pointe Claire, QC, Canada, Tel.: +1 866 694 40 02, info@novacam.com, www.novacam.com

### Producer

Onsemi (Nasdaq: ON) is driving disruptive innovations to help build a better future. With a focus on automotive and industrial end-markets, the company is accelerating change in megatrends such as vehicle electrification and safety, sustainable energy grids, industrial automation, and 5G

and cloud infrastructure. With a highly differentiated and innovative product portfolio, onsemi creates intelligent power and sensing technologies that solve the world's most complex challenges and leads the way in creating a safer, cleaner, and smarter world.

**Onsemi** · 5005 East McDowell Road, Phoenix, AZ 85008, United States of America, Tel.: +1 602 244 6600, www.onsemi.com

### Solution Provider

**Optel Vision**  
2680, boul. du Parc Technologique, G1P 4S6 Quebec City, QC, Canada, Tel.: +1 418 688 334, info@optelvision.com, www.optelvision.com

### Producer

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## Integrator

**Orus Integration Inc.** · 1109 Hwy 13, H7W 5J8 Laval, QC, Canada,  
Tel.: +1 450 688 31 51, [ldicaire@orusintegration.com](mailto:ldicaire@orusintegration.com), [orusintegration.com](http://orusintegration.com)

## Distributor

**PCE Instruments / PCE Americas Inc.**  
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Tel.: +1 561 320 91 62, [info@pce-americas.com](mailto:info@pce-americas.com), [www.pce-instruments.com](http://www.pce-instruments.com)

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## Solution Provider

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Tel.: +1 613 270 06 25, [info@pleora.com](mailto:info@pleora.com), [www.pleora.com](http://www.pleora.com)

## Producer

**Power Technology, Inc.**  
PO Box 191117, 72219-1117 Little Rock, AR, United States of America,  
Tel.: +1 501 407 07 12, [sales@powertech.com](mailto:sales@powertech.com), [www.powertech.com](http://www.powertech.com)

## Producer

**PPT Vision** · 6301 Old Shakopee Road, 55438 Bloomington, MN, United States of America, Tel.: +1 952 996 95 00, [sales@pptvision.com](mailto:sales@pptvision.com), [pptvision.com](http://pptvision.com)

## Solution Provider

**Pressco Technology Inc.** · 29200 Aurora Road, 44139 Cleveland, OH, United States of America, Tel.: +1 440 498 26 00, [sales@pressco.com](mailto:sales@pressco.com), [www.pressco.com](http://www.pressco.com)

## Producer

**Teledyne Dalsa Rad-icon Imaging** · 765 Sycamore Drive, 95035 Milpitas, CA, United States of America, Tel.: +1 408 736 60 00, [sales.rad-icon@teledynedalsa.com](mailto:sales.rad-icon@teledynedalsa.com), [www.rad-icon.com](http://www.rad-icon.com)

## Distributor

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## Solution Provider

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53204-2496 Milwaukee, WI, United States of America, Tel.: +1 414 382 20 00,  
[webmaster@rockwellautomation.com](mailto:webmaster@rockwellautomation.com), [www.rockwellautomation.com](http://www.rockwellautomation.com)

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## Machine Builder/OEM

**Sensors Unlimited, Inc.** · 3490 Route 1 Building 12, 08540-5914 Princeton, NJ, United States of America, Tel.: +1 609 520 06 10, [karen.jeffers@goodrich.com](mailto:karen.jeffers@goodrich.com), [www.sensorsinc.com](http://www.sensorsinc.com)

## Integrator

**Serview, Inc.** · 420D Kelley Drive, 8091 West Berlin, NJ, United States of America,  
Tel.: +1 856 719 90 34, [steveL@serview.net](mailto:steveL@serview.net), [www.serview.net](http://www.serview.net)

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## Solution Provider

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Tel.: +1 450 922 35 15, [sales@spgdata3d.com](mailto:sales@spgdata3d.com), [www.spgdata3d.com](http://www.spgdata3d.com)

## Producer

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## Producer

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Tel.: +1 585 271 73 00, [mikev@sydor.com](mailto:mikev@sydor.com), [www.sydor.com](http://www.sydor.com)

## Producer

**Syntec Optics** · 515 Lee Road, 14606 Rochester, NY, United States of America,  
Tel.: +1 585 768 25 13, [info@syntecoptics.com](mailto:info@syntecoptics.com), [syntecoptics.com/](http://syntecoptics.com/)

## Consultant, Distributor, Integrator

**Systematic Vision** · PO Box 490, 1721 Ashland, MA, United States of America,  
Tel.: +1 508 532 11 16, [info@systematicvision.com](mailto:info@systematicvision.com), [www.systematicvision.com](http://www.systematicvision.com)

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## NORTH AMERICA

### Producer

**Tekstar Optical Inc.** · 270 Kohr Rd., 11754-1237 Kings Park, NY, United States of America, Tel.: +1 631 663 35 58, info@tekstaroptical.com, www.tekstaroptical.com

### Machine Builder/OEM

**Toshiba Imaging Systems Division** · 9740 Irvine Blvd., 92618-1697 Irvine, CA, United States of America, Tel.: +1 877 595 44 25, vincent.giovinco@tais.toshiba.com, www.cameras.toshiba.com

### Solution Provider

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### Distributor

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12F Daheng Science & Technology Tower, No.3 Suzhou Str., Haidian District, 100080 Beijing, China, Tel.: +86 10 828 288 788 081, www.daheng-image.com/

Manufacturer / Producer

**Enli Technology Co. Ltd.** · 1F., No.96, Luke 5th Rd., Luzhu Dist., (Kaohsiung Science Park), Kaohsiung City, 821, Taiwan, Tel.: +886-7-6955669, qeservice@enli.com.tw, https://enlitechnology.com/

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Producer

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Solution Provider

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Producer

**Hangzhou Hikvision Digital Technology Co.**  
No.555 Qianmo Road, Binjiang District, 310051 Hangzhou, China, Tel.: +86 571 88075998, overseasbusiness@hikvision.com, www.hikvision.com

Producer



Hangzhou Hikrobot Technology Co., Ltd. (Hikrobot) is a global manufacturer and supplier of mobile robot and machine vision products.

With efforts in industrial vision sensing application and hardware technology, the company provides customers with leading machine vision products. The products cover industrial camera, lens, vision box, industrial smart camera and related accessory.

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**HIKROBOT**

**Hangzhou Hikrobot Technology Co., Ltd.**  
Binjiang District  
700 Dongliu Road  
310051 Hangzhou  
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Tel.: +86 0571 889 679 98  
hikrobot@hikrobotics.com  
www.hikrobotics.com/en

Producer

Hirakawa Hewtech, which established in September 1948 in Tokyo, is specializing in manufacturing and sales of electric wires for the electrical and electronic industries and consistently pursue leading-edge technologies that

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**Hirakawa Hewtech Corp.** · 6F JK-Omori Bldg., 3-28-10 Minami -oi Shinagawa-ku, Japan, eigyo@hewtech.co.jp, www.hewtech.co.jp/en

Manufacturer / Producer

The Huaray Tech is machine vision subsidiary of Dahua Technology CO., LTD. Dahua Technology is a leading advanced video surveillance solution provider with a complete product

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**Huaray Technology Co., Ltd.** NO.1199 BinAn Road, Hangzhou, P.R.China, Tel.: +86-0571-87235766, mvsales@irayple.com, www.irayple.com/en

Manufacturer / Producer

**Imalligent Technology (Shanghai) Co. Ltd.** · 306-7, 3rd floor, no.1-72, Lane 2855, Huqingping Road, Shanghai, China, www.imalligent.com

Producer

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Producer

JAI is a global manufacturer of digital cameras for machine vision, traffic imaging, global security, medical imaging and scientific research. Besides a broad range of leading-edge 1-CMOS progressive area scan and line scan cameras, JAI is a leading provider of multi-imager cameras incorporating advanced prism-

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**JAI Ltd. - Japan** · 10-35 Sakae-chou Kanagawa-ku, 221-0052 Yokohama, Kanagawa, Japan, Tel.: +81 45 440 0154, camerasales.apac@jai.com, www.jai.com

Association

**Japan Industrial Imaging Association**

2-10-15, Nakameguro, Yamate Ave. K Bldg., 153-0061 Meguro, Tokyo, Japan, Tel.: +81 3 371 639 33, info@jiiia.org, www.jiiia.org

Producer

**Kamiera** · 6A Massada St., 45294 Hod Hasharon, Israel, Tel.: +972 9 760 34 25, info@kamiera.com, www.kamiera.com

Producer

**Kaya Instruments** · 20 HaMesila St., 3688520 Neshar, Israel, Tel.: +972 72 272 35 00, george@kayainstruments.com, www.kayainstruments.com

Machine Builder/OEM, Solution Provider

**KOS Laboratory Homogenizer** · A18 Second Floor, Building 1, Shunlian Machinery Plaza, ChenCun Town, 528313 Foshan, Guangdong, China, Tel.: +86 757 293 185 41, drbluejack@yahoo.com, www.emulsifyingmixer.com/homogenizer/lab-homogenizer.html

Distributor, Machine Builder/OEM, Producer, Solution Provider

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Machine Builder/OEM

**Leading-Tech Laser Co., Ltd.** 5th floor, building 52, No.5688, LongWu Road, 200241 Shanghai, China, Tel.: +86 21 335 881 22, sale@leading-techlaser.com, www.leading-techlaser.com

Producer

Mega Phase Industrial Inspection Technology (Shanghai) Co., Ltd. (Mega Phase Technology), as the leading industrial structured light 3D camera manufacturer and a member of Shanghai Software Industry Association, is located in Shanghai Zhangjiang Science City. Since the establishment, the company has achieved great technical development and obtained a number of patent certificates, including invention patents, utility model patents and software copyrights.

**Mega Phase Industrial Inspection Technology(Shanghai) Co., Ltd.** #1690 Cailun Road, Pudong New District Room 408-410, 201203 Shanghai, China, Tel.: +86 21 63631362, marketing@mega-phase.cn, www.mega-phase.cn/3dvision

Producer

Nacacue Corporation was established in August 1980. The company specializes in developing new technology. Specifically in fields closely link to trends in society. It manufactures optical equipment, LED lighting solutions

and electronic control systems for industrial machine vision. The company goal is to contribute to the societies in which our customers are located through developing new technology to cultivate new markets.

**Nacacue Corporation**

194-1, Higashitsuchikawa-cho, Kuze, Minami-ku, 601-8204 Kyoto, Japan, Tel.: +81 75 934 41 78, info@nacacue.co.jp, www.nacacue.com

Producer

**NED (Nippon Electro-Sensory Devices Ltd.)**

Shinagawa-ku, Ohi 1-45-2 Gibraltar Ohi Bldg, 4f, 140-0014 Tokyo, Japan, Tel.: +81 3 571 831 81, info@ned-sensor.com, www.ned-sensor.co.jp/en

Manufacturer / Producer

Neosys Technology is a manufacturer of rugged embedded systems, GPU computers and modules. With all products designed, assembled and built in Taiwan, Neosys aims to accelerate the application developments for industrial automation, machine

vision, transportation, AI training and inference systems. Our patented products feature effective, simple and yet robust architecture and the machine vision platforms offer highly integrated vision controllers.

**Neosys Technology Inc.** · 15F., No. 868-3, Zhongzheng Rd., Zhonghe District, 235 New Taipei City, Taiwan, Tel.: +886 2 222 361 82, sales@neosys-tech.com, www.neosys-tech.com

Integrator

**Nexus Engiconsults** · A 115 2nd floor Shakarpur, 110092 New Delhi, India, Tel.: +91 98 107 698 31, info@nexusengiconsults.com, www.nexusengiconsults.com

Producer

**OPT Machine Vision Tech Co., LTD**

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Distributor, Machine Builder/OEM, Solution Provider

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Producer

**Proteus Electronics Pvt. Ltd.** · 18D, Kandivali Industrial Estate, Charkop, Kandivali (W), 400067 Mumbai, India, Tel.: +91 22 286 047 77, sales@proteuselectronics.in, www.proteuselectronics.in

Machine Builder/OEM

**RAA Vision Pvt Ltd.** · Om vihar, 110058 New Delhi, Delhi, India, Tel.: +91 99 116 902 40, amit@raavision.com, www.raavision.com

Machine Builder/OEM

**Runma Cartesian Robot Arm Co., Ltd.** · Yuning Industrial Zone, Hengli Town, 523461 Dongguan, Fujian, China, Tel.: +86 769 821 819 87, runmarobot@jeawin.com, www.runmarobot.com

System Solution Provider

**Saccade Vision** · HaMada St. 4, Yogneam Llit, Israel, Tel.: +972 50 2088966, info@saccadevision.com, www.saccadevision.com

Manufacturer / Producer

Shenzhen Dongzheng Optical Co. Ltd (DZO in short) is a manufacturer of industrial lenses as well as optical and mechanical components for machine vision applications. Our product line ranges from line scan lens, area scan lens and tele-centric lens, for both vis-

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**Shenzhen Dongzheng Optical Co. LTD** · 6F, Building One, Xinwuxia Industrial Park, No.32, Cuibao Road, Baolong Street, Longgang District, 518000 Shenzhen, China, Tel.: +86 755 2907 9702, sales01@dzoptics.com; www.dzoptics.com

Producer

**Shenzhen Kuangshi Communication Technology** · 6/F, No.1 Building, Zhongyuntai Industry Park, Tangtou Shiyan, 51818 Shenzhen, China, Tel.: +86 755 297 818 35, zteyhb@gmail.com, www.ksfiberoptic.com

Manufacturer / Producer

**sinfraRed Pte Ltd. A Xenics company** · Blk 28 Sin Ming Lane, #06-143 Midview City, Singapore, 573972, Singapore, Tel.: +65 647 666 48, sales@sinfrared.com, www.sinfrared.com

Solution Provider

**TMS Lite Sdn Bhd** · 2A-2, Tingkat Kenari 5, Desa Ria, Sungai Ara, 11900 Bayan Lepas, Penang, Malaysia, Tel.: +604 646 84 28, sales@tms-lite.com, www.tms-lite.com

Producer

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**Toshiba Teli Corporation** · 4-7-1 Asahigaoka, 1910065 Hino, Tokyo, Japan, Tel.: +81 425 898 771, teli\_glb@toshiba-teli.co.jp, www.toshiba-teli.co.jp

Manufacturer / Producer

**TriEye Ltd.** · Yigal Alon 94, 6789139 Tel Aviv, Israel, Info@trিয়েye.tech, https://trিয়েye.tech/

Integrator

**View-Factor** · Av Circunvalacion, Cochabamba, Bolivia, Tel.: +591 4 445 45 95, agalindo@view-factor.com, www.view-factor.com

Producer

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**Vieworks Co., Ltd.** · 41-3, Burim-ro 170beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do, 14055 Republic of Korea, Tel.: +82 70 7011 6161, vision@vieworks.com, vision.vieworks.com

Manufacturer / Producer

**Voyage81** · Derech Menachem Begin 121, Tel Aviv, Israel, https://voyage81.com

Manufacturer / Producer

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**Weihai Hualing Opto-Electronics Co., Ltd** · 179 Keij Road Hi-Tech IDZ, 264209 Weihai Shandong, China, Tel.: +86 631 569 81 28, shikexing@whhec.cn, www.w-hec.com/en

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<b>ABS</b>	<a href="http://www.abs-jena.de">www.abs-jena.de</a>
<b>Acal BFi Germany</b>	<a href="http://www.bfiophtilas.com">www.bfiophtilas.com</a>
<b>Adimec</b>	<a href="http://www.adimec.com">www.adimec.com</a>
<b>AIM Infrarot Module</b>	<a href="http://www.aim-ir.de">www.aim-ir.de</a>
<b>Allied Vision Technologies</b>	<a href="http://www.alliedvisiontec.com">www.alliedvisiontec.com</a>
<b>Allison Park Group</b>	<a href="http://www.apgvision.com">www.apgvision.com</a>
<b>Alrad Imaging</b>	<a href="http://www.alrad.co.uk">www.alrad.co.uk</a>
<b>AMS Technologies</b>	<a href="http://www.amstechnologies.com">www.amstechnologies.com</a>
<b>AnaFocus</b>	<a href="http://www.anafocus.com">www.anafocus.com</a>
<b>Andanta</b>	<a href="http://www.andanta.de">www.andanta.de</a>
<b>Andor Technology</b>	<a href="http://www.andor.com">www.andor.com</a>
<b>AOS Technologies</b>	<a href="http://www.aostechnologies.com">www.aostechnologies.com</a>
<b>Applied Scintillation Technologies</b>	<a href="http://www.scintacor.com">www.scintacor.com</a>
<b>Artray</b>	<a href="http://www.artray.co.jp">www.artray.co.jp</a>
<b>Asentics</b>	<a href="http://www.asentics.de">www.asentics.de</a>
<b>Automation Technology</b>	<a href="http://www.automationtechnology.de">www.automationtechnology.de</a>
<b>BAP Image Systems</b>	<a href="http://www.bapimgsys.com">www.bapimgsys.com</a>
<b>Basler Vision Technologies</b>	<a href="http://www.baslerweb.com">www.baslerweb.com</a>
<b>Baumer</b>	<a href="http://www.baumer.com">www.baumer.com</a>
<b>Beijing Microview</b>	<a href="http://www.microview.com.cn">www.microview.com.cn</a>
<b>Bock Optronics</b>	<a href="http://www.bockoptronics.ca">www.bockoptronics.ca</a>
<b>C-Cam Technologies</b>	<a href="http://www.c-cam.be">www.c-cam.be</a>
<b>China Daheng Group</b>	<a href="http://www.daheng-image.com">www.daheng-image.com</a>
<b>Chromasens</b>	<a href="http://www.chromasens.de">www.chromasens.de</a>
<b>Cmos Vision</b>	<a href="http://www.cmosvision.com">www.cmosvision.com</a>
<b>Cognex</b>	<a href="http://www.cognex.com">www.cognex.com</a>
<b>Cohu</b>	<a href="http://www.cohu-cameras.com">www.cohu-cameras.com</a>
<b>Compar</b>	<a href="http://www.compar.ch">www.compar.ch</a>
<b>Cosyco</b>	<a href="http://www.cosyco.de">www.cosyco.de</a>
<b>CSEM</b>	<a href="http://www.csem.ch">www.csem.ch</a>
<b>Cypress Semiconductor</b>	<a href="http://www.cypress.com">www.cypress.com</a>
<b>Datalogic Automation</b>	<a href="http://www.datalogic.com">www.datalogic.com</a>
<b>Datapixel</b>	<a href="http://www.datapixel.com">www.datapixel.com</a>
<b>Dedo Weigert</b>	<a href="http://www.dedoweigertfilm.de">www.dedoweigertfilm.de</a>
<b>Digital West Imaging</b>	<a href="http://www.highspeedvideos.com">www.highspeedvideos.com</a>
<b>E2v</b>	<a href="http://www.e2v.com">www.e2v.com</a>
<b>Ebs Automatisierte Thermographie und Systemtechnik</b>	<a href="http://www.irpod.net">www.irpod.net</a>
<b>Edmund Optics</b>	<a href="http://www.edmundoptics.de">www.edmundoptics.de</a>
<b>EHD imaging</b>	<a href="http://www.ehd.de">www.ehd.de</a>
<b>Eltec Elektronik</b>	<a href="http://www.eltec.com">www.eltec.com</a>
<b>Entner Electronics</b>	<a href="http://www.entner-electronics.com">www.entner-electronics.com</a>
<b>Epix</b>	<a href="http://www.epixinc.com">www.epixinc.com</a>

<b>Erhard + Leimer</b>	<a href="http://www.erhardt-leimer.com">www.erhardt-leimer.com</a>
<b>Eureca Messtechnik</b>	<a href="http://www.eureca.de">www.eureca.de</a>
<b>Euresys</b>	<a href="http://www.euresys.com">www.euresys.com</a>
<b>EVision Systems</b>	<a href="http://www.evision-systems.de">www.evision-systems.de</a>
<b>Fabrimex Systems</b>	<a href="http://www.fabrimex-systems.ch">www.fabrimex-systems.ch</a>
<b>Fairchild Imaging</b>	<a href="http://www.fairchildimaging.com">www.fairchildimaging.com</a>
<b>Fastec Imaging</b>	<a href="http://www.fastecimaging.com">www.fastecimaging.com</a>
<b>FiberVision</b>	<a href="http://www.fibervision.de">www.fibervision.de</a>
<b>FJW Optical Systems</b>	<a href="http://www.findrscope.com">www.findrscope.com</a>
<b>Flir Advanced Thermal Solutions</b>	<a href="http://www.flir.com">www.flir.com</a>
<b>Flir Systems</b>	<a href="http://www.flir.com">www.flir.com</a>
<b>Flir Systems</b>	<a href="http://www.flir.com/mv">www.flir.com/mv</a>
<b>Fluke</b>	<a href="http://www.fluke.de">www.fluke.de</a>
<b>Fort</b>	<a href="http://www.fort-fr.com">www.fort-fr.com</a>
<b>Framos</b>	<a href="http://www.framos.eu">www.framos.eu</a>
<b>Fraunhofer IMS</b>	<a href="http://www.ims.fraunhofer.de">www.ims.fraunhofer.de</a>
<b>FSI Technologies</b>	<a href="http://www.fsinet.com">www.fsinet.com</a>
<b>Fuzhou Feihua Optoelectronic Technology</b>	<a href="http://www.fzfh.com">www.fzfh.com</a>
<b>G4 Technology</b>	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
<b>Gevicam</b>	<a href="http://www.gevicam.com">www.gevicam.com</a>
<b>Gpixel</b>	<a href="http://www.gpixelinc.com/">www.gpixelinc.com/</a>
<b>Gsvitec</b>	<a href="http://www.gsvitec.com">www.gsvitec.com</a>
<b>Hamamatsu Photonics</b>	<a href="http://www.hamamatsu.com">www.hamamatsu.com</a>
<b>Helion</b>	<a href="http://www.helionvision.com">www.helionvision.com</a>
<b>Heliotis</b>	<a href="http://www.heliotis.ch">www.heliotis.ch</a>
<b>Hexagon DEU01</b>	<a href="http://www.hexagonmi.com">www.hexagonmi.com</a>
<b>High Speed Vision</b>	<a href="http://www.hsvision.de">www.hsvision.de</a>
<b>Hitachi Kokusai Electric Europe</b>	<a href="http://www.Hitachi-keu.com">www.Hitachi-keu.com</a>
<b>Horn Imaging</b>	<a href="http://www.horn-imaging.de">www.horn-imaging.de</a>
<b>Ico Data</b>	<a href="http://www.icodata.de">www.icodata.de</a>
<b>IDS</b>	<a href="http://www.ids-imaging.com">www.ids-imaging.com</a>
<b>Ifm electronic</b>	<a href="http://www.ifm.com">www.ifm.com</a>
<b>Ikegami</b>	<a href="http://www.ikegami.de">www.ikegami.de</a>
<b>Illunis</b>	<a href="http://www.illunis.com">www.illunis.com</a>
<b>Image House</b>	<a href="http://www.imagehouse.dk">www.imagehouse.dk</a>
<b>Image S</b>	<a href="http://www.imagessrl.com">www.imagessrl.com</a>
<b>Imaging Solutions Group</b>	<a href="http://www.isgcameras.com">www.isgcameras.com</a>
<b>Imi tech</b>	<a href="http://www.imi-tech.com">www.imi-tech.com</a>
<b>Imperx</b>	<a href="http://www.imperx.com">www.imperx.com</a>
<b>IMS Chips</b>	<a href="http://www.ims-chips.de">www.ims-chips.de</a>
<b>Industrial Vision Systems</b>	<a href="http://www.industrialvision.co.uk">www.industrialvision.co.uk</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>

<b>InfraTec</b>	<a href="http://www.infratec.de">www.infratec.de</a>
<b>Innomiles International</b>	<a href="http://www.innomiles.com">www.innomiles.com</a>
<b>Insensiv</b>	<a href="http://www.insensiv.de">www.insensiv.de</a>
<b>IOS</b>	<a href="http://www.ios-web.de">www.ios-web.de</a>
<b>Ircam</b>	<a href="http://www.ircam.de">www.ircam.de</a>
<b>IS Imaging Solutions</b>	<a href="http://www.imaging-solutions.de">www.imaging-solutions.de</a>
<b>ISVI</b>	<a href="http://www.isvi-corp.com">www.isvi-corp.com</a>
<b>JAI</b>	<a href="http://www.jai.com">www.jai.com</a>
<b>Japan F.A. Systems</b>	<a href="http://www.jfas.co.jp">www.jfas.co.jp</a>
<b>JenCam</b>	<a href="http://www.jencam.de">www.jencam.de</a>
<b>Jenoptik</b>	<a href="http://www.jenoptik.de">www.jenoptik.de</a>
<b>Kamera Werke Dresden</b>	<a href="http://www.kwdo.de">www.kwdo.de</a>
<b>Kappa opto-electronics</b>	<a href="http://www.kappa.de">www.kappa.de</a>
<b>Karlheinz Hinze Opto-engineering</b>	<a href="http://www.hinze-opto.de">www.hinze-opto.de</a>
<b>KeeKoon Electronics</b>	<a href="http://www.keekoon.com">www.keekoon.com</a>
<b>Klughammer</b>	<a href="http://www.klughammer.de">www.klughammer.de</a>
<b>Kvant</b>	<a href="http://www.kvant.sk">www.kvant.sk</a>
<b>Lambda Photometrics</b>	<a href="http://www.lambdaphoto.co.uk">www.lambdaphoto.co.uk</a>
<b>Lambert Instruments</b>	<a href="http://www.lambert-instruments.com">www.lambert-instruments.com</a>
<b>Leitner Industrial Endoscopy</b>	<a href="http://www.leitner-efer.de">www.leitner-efer.de</a>
<b>Leutron Vision</b>	<a href="http://www.leutron.com">www.leutron.com</a>
<b>Leuze Electronic</b>	<a href="http://www.leuze.com">www.leuze.com</a>
<b>LMI Technologies</b>	<a href="http://www.lmi3d.com">www.lmi3d.com</a>
<b>Lord Ingenierie</b>	<a href="http://www.lord-ing.com">www.lord-ing.com</a>
<b>LOT Quantum Design</b>	<a href="http://http://lot-qd.de">http://lot-qd.de</a>
<b>Lucid Vision Labs</b>	<a href="http://www.thinklucid.com">www.thinklucid.com</a>
<b>Lumasense Technology</b>	<a href="http://www.lumasenseinc.com">www.lumasenseinc.com</a>
<b>Luster LightVision Tech</b>	<a href="http://www.lusterinc.com">www.lusterinc.com</a>
<b>MAK Bildtechnik</b>	<a href="http://www.mak-bildtechnik.de">www.mak-bildtechnik.de</a>
<b>Matrix Vision</b>	<a href="http://www.matrix-vision.de">www.matrix-vision.de</a>
<b>MaxxVision</b>	<a href="http://www.maxxvision.com">www.maxxvision.com</a>
<b>Menzel Vision and Robotics</b>	<a href="http://www.menzelab.com">www.menzelab.com</a>
<b>Mega Phase Industrial Inspection Technology</b>	<a href="http://www.mega-phase.cn">www.mega-phase.cn</a>
<b>Mesa Imaging</b>	<a href="http://www.mesa-imaging.ch">www.mesa-imaging.ch</a>
<b>MG Optical Solutions</b>	<a href="http://www.mgopticalsolutions.com">www.mgopticalsolutions.com</a>
<b>Micro-Epsilon</b>	<a href="http://www.micro-epsilon.com">www.micro-epsilon.com</a>
<b>Microsystems</b>	<a href="http://www.microsystems.it">www.microsystems.it</a>
<b>Mikromak Service</b>	<a href="http://www.mikromak.com">www.mikromak.com</a>
<b>Mikrotron</b>	<a href="http://www.mikrotron.de">www.mikrotron.de</a>
<b>Mitsubishi Electric</b>	<a href="http://www.mitsubishielectric.com">www.mitsubishielectric.com</a>

<b>MsiVision</b>	<a href="http://www.msivision.com">www.msivision.com</a>
<b>NAC</b>	<a href="http://www.nacinc.de">www.nacinc.de</a>
<b>Narragansett Imaging</b>	<a href="http://www.nimaging.com">www.nimaging.com</a>
<b>National Instruments</b>	<a href="http://www.ni.com">www.ni.com</a>
<b>NED</b>	<a href="http://www.ned-sensor.co.jp">www.ned-sensor.co.jp</a>
<b>NET</b>	<a href="http://www.net-gmbh.com">www.net-gmbh.com</a>
<b>NeuPro Solutions</b>	<a href="http://www.neupro-solutions.com">www.neupro-solutions.com</a>
<b>New Imaging Technologies</b>	<a href="http://www.new-imaging-technologies.com">www.new-imaging-technologies.com</a>
<b>Notavis</b>	<a href="http://www.notavis.com">www.notavis.com</a>
<b>NTI</b>	<a href="http://www.nti-measure.com">www.nti-measure.com</a>
<b>Odem Technologies</b>	<a href="http://www.odem.co.il">www.odem.co.il</a>
<b>Olympus</b>	<a href="http://www.olympus-europa.com">www.olympus-europa.com</a>
<b>Omron Microscan Systems</b>	<a href="http://www.microscan.com">www.microscan.com</a>
<b>Omron</b>	<a href="http://www.industrial.omron.de">www.industrial.omron.de</a>
<b>ON Semiconductor</b>	<a href="http://www.onsemi.com">www.onsemi.com</a>
<b>Opto Fidelity</b>	<a href="http://www.optofidelity.com">www.optofidelity.com</a>
<b>Opto Sonderbedarf</b>	<a href="http://www.opto.de">www.opto.de</a>
<b>Optrima</b>	<a href="http://www.optrima.com">www.optrima.com</a>
<b>Optris</b>	<a href="http://www.optris.de">www.optris.de</a>
<b>Optronis</b>	<a href="http://www.optronis.com">www.optronis.com</a>
<b>Orbis</b>	<a href="http://www.orbis.eu">www.orbis.eu</a>
<b>Panasonic Electric Works</b>	<a href="http://www.panasonic-electric-works.de">www.panasonic-electric-works.de</a>
<b>Parameter</b>	<a href="http://www.parameter.se">www.parameter.se</a>
<b>PCO</b>	<a href="http://www.pco.de">www.pco.de</a>
<b>Pentacon</b>	<a href="http://www.pentacon.de">www.pentacon.de</a>
<b>PerkinElmer Optoelectronics</b>	<a href="http://www.perkinelmer.com">www.perkinelmer.com</a>
<b>Phaer</b>	<a href="http://www.phaer.be">www.phaer.be</a>
<b>Philips</b>	<a href="http://www.apptech.philips.com/vision">www.apptech.philips.com/vision</a>
<b>Photonfocus</b>	<a href="http://www.photonfocus.com">www.photonfocus.com</a>
<b>Photron</b>	<a href="http://www.photron.com">www.photron.com</a>
<b>Phytec Messtechnik</b>	<a href="http://www.phytec.de">www.phytec.de</a>
<b>Pi4_robotics</b>	<a href="http://www.pi4.de">www.pi4.de</a>
<b>Pieper</b>	<a href="http://www.pieper-video.de">www.pieper-video.de</a>
<b>Pixelink</b>	<a href="http://www.pixelink.com">www.pixelink.com</a>
<b>PMDTec</b>	<a href="http://www.pmdtec.com">www.pmdtec.com</a>
<b>Polytec</b>	<a href="http://www.polytec.de/bv">www.polytec.de/bv</a>
<b>Precitec</b>	<a href="http://www.precitec.ch">www.precitec.ch</a>
<b>Premier Electronics</b>	<a href="http://www.premierelect.co.uk">www.premierelect.co.uk</a>
<b>Princeton Instruments</b>	<a href="http://www.princetoninstruments.com">www.princetoninstruments.com</a>
<b>Prophesee</b>	<a href="http://www.prophesee.ai">www.prophesee.ai</a>

<b>Proxitronic</b>	<a href="http://www.proxitronic.com">www.proxitronic.com</a>
<b>Qualimatest</b>	<a href="http://www.qmt.ch">www.qmt.ch</a>
<b>Quest Innovations</b>	<a href="http://www.quest-innovations.com">www.quest-innovations.com</a>
<b>Rad-icon Imaging</b>	<a href="http://www.rad-icon.com">www.rad-icon.com</a>
<b>Rauscher</b>	<a href="http://www.rauscher.de">www.rauscher.de</a>
<b>Redlake</b>	<a href="http://www.redlake.com">www.redlake.com</a>
<b>RH Engineering</b>	<a href="http://www.rhengineering.de">www.rhengineering.de</a>
<b>Ricoh International B.V. - German Branch</b>	<a href="http://www.ricoh-iosd.eu">www.ricoh-iosd.eu</a>
<b>Roper Scientific</b>	<a href="http://www.roperscientific.de">www.roperscientific.de</a>
<b>Rubroeder</b>	<a href="http://www.rubroeder.de">www.rubroeder.de</a>
<b>Salvador Imaging</b>	<a href="http://www.salvadorimaging.com">www.salvadorimaging.com</a>
<b>Schael-Optik</b>	<a href="http://www.schael-optik.de">www.schael-optik.de</a>
<b>Schäfter + Kirchhoff</b>	<a href="http://www.sukhamburg.de">www.sukhamburg.de</a>
<b>Schmachtl</b>	<a href="http://www.schmachtl.at">www.schmachtl.at</a>
<b>SDT - Dr. Seitner</b>	<a href="http://www.sdt-seitner.com">www.sdt-seitner.com</a>
<b>Second2None</b>	<a href="http://www.visiondragon.com">www.visiondragon.com</a>
<b>Secube</b>	<a href="http://www.secube.co.kr">www.secube.co.kr</a>
<b>Sedeco Vision Components</b>	<a href="http://www.sedeco.nl">www.sedeco.nl</a>
<b>Seiwa Optical</b>	<a href="http://www.seiwaopt.co.jp">www.seiwaopt.co.jp</a>
<b>Sensor to Image</b>	<a href="http://www.sensor-to-image.de">www.sensor-to-image.de</a>
<b>Sensors Unlimited</b>	<a href="http://www.sensorsinc.com">www.sensorsinc.com</a>
<b>Sentech</b>	<a href="http://www.sentech.co.jp">www.sentech.co.jp</a>
<b>Sglux</b>	<a href="http://www.sglux.com">www.sglux.com</a>
<b>Sharp Microelectronics</b>	<a href="http://www.sharpsme.com">www.sharpsme.com</a>
<b>SKS Vision Systems</b>	<a href="http://www.visionsystems.fi">www.visionsystems.fi</a>
<b>Slomotec</b>	<a href="http://www.slomotec.de">www.slomotec.de</a>
<b>Smartek</b>	<a href="http://www.smartek.hr">www.smartek.hr</a>
<b>Smartray</b>	<a href="http://www.smartray.de">www.smartray.de</a>
<b>Soliton Technologies</b>	<a href="http://www.solitontech.com">www.solitontech.com</a>
<b>Sony</b>	<a href="http://www.pro.sony.eu/vision">www.pro.sony.eu/vision</a>
<b>Stemmer Imaging</b>	<a href="http://www.stemmer-imaging.com">www.stemmer-imaging.com</a>
<b>STZ Qualitätssicherung und Bildverarbeitung</b>	<a href="http://www.stz-ilmenu.de">www.stz-ilmenu.de</a>
<b>Sugitoh</b>	<a href="http://www.sugitoh.jp">www.sugitoh.jp</a>
<b>SVS Vistek</b>	<a href="http://www.svs-vistek.com">www.svs-vistek.com</a>
<b>Symco</b>	<a href="http://www.symco.co.jp">www.symco.co.jp</a>
<b>Systematic Vision</b>	<a href="http://www.systematicvision.com">www.systematicvision.com</a>
<b>Tattile</b>	<a href="http://www.tattile.com">www.tattile.com</a>
<b>Tekno Optik</b>	<a href="http://www.teknooptik.se">www.teknooptik.se</a>
<b>Tekstar Optical</b>	<a href="http://www.tekstaroptical.com">www.tekstaroptical.com</a>
<b>Teledyne Dalsa</b>	<a href="http://www.teledynedalsa.com">www.teledynedalsa.com</a>

<b>Teledyne e2v</b>	<a href="http://www.teledyne-e2v.com">www.teledyne-e2v.com</a>
<b>Teledyne Lumenera</b>	<a href="http://www.teledynelumenera.com">www.teledynelumenera.com</a>
<b>The Imaging Source</b>	<a href="http://www.theimagingnsources.com">www.theimagingnsources.com</a>
<b>Thermosensorik</b>	<a href="http://www.thermosensorik.de">www.thermosensorik.de</a>
<b>Tichawa Vision</b>	<a href="http://www.tichawa.de">www.tichawa.de</a>
<b>Toshiba Teli</b>	<a href="http://www.toshiba-teli.co.jp">www.toshiba-teli.co.jp</a>
<b>Toshiba</b>	<a href="http://www.toshiba.ch">www.toshiba.ch</a>
<b>TriDiCam</b>	<a href="http://www.tridicam.de">www.tridicam.de</a>
<b>TVI Vision</b>	<a href="http://www.tvivision.com">www.tvivision.com</a>
<b>Unibrain</b>	<a href="http://www.unibrain.com">www.unibrain.com</a>
<b>VDS Vosskühler</b>	<a href="http://www.vdsvossk.de">www.vdsvossk.de</a>
<b>Vega Technology Group</b>	<a href="http://www.vegatcgroup.com">www.vegatcgroup.com</a>
<b>Vialux</b>	<a href="http://www.vialux.de">www.vialux.de</a>
<b>Vicon Motion Systems</b>	<a href="http://www.vicon.com">www.vicon.com</a>
<b>Videology Imaging Solutions</b>	<a href="http://www.videologyinc.com">www.videologyinc.com</a>
<b>Videor Technical</b>	<a href="http://www.videor.com">www.videor.com</a>
<b>Vidisys</b>	<a href="http://www.vidisys.de">www.vidisys.de</a>
<b>Vieworks</b>	<a href="http://www.vieworks.com">www.vieworks.com</a>
<b>Visicontrol</b>	<a href="http://www.visicontrol.com">www.visicontrol.com</a>
<b>Visiolaser</b>	<a href="http://www.vannier-photelec.fr/visiolaser">www.vannier-photelec.fr/visiolaser</a>
<b>Vision &amp; Control</b>	<a href="http://www.vision-control.com">www.vision-control.com</a>
<b>Vision Components</b>	<a href="http://www.vision-components.com">www.vision-components.com</a>
<b>Vision Research</b>	<a href="http://www.visionresearch.com">www.visionresearch.com</a>
<b>Vision Tools</b>	<a href="http://www.vision-tools.com">www.vision-tools.com</a>
<b>Visiosens</b>	<a href="http://www.visiosens.de">www.visiosens.de</a>
<b>Vistas</b>	<a href="http://www.vistas-gmbh.de">www.vistas-gmbh.de</a>
<b>Vitronic</b>	<a href="http://www.vitronic.com">www.vitronic.com</a>
<b>Vizaar</b>	<a href="http://www.vizaar.de">www.vizaar.de</a>
<b>VKT</b>	<a href="http://www.vkt.de">www.vkt.de</a>
<b>V-Optics</b>	<a href="http://www.v-optics.fr">www.v-optics.fr</a>
<b>VRmagic</b>	<a href="http://www.vrmagic.com">www.vrmagic.com</a>
<b>Weiss Imaging and Solutions</b>	<a href="http://www.weiss-imaging.de">www.weiss-imaging.de</a>
<b>Wenglor Sensoric</b>	<a href="http://www.wenglor.com">www.wenglor.com</a>
<b>Werner Nophut</b>	<a href="http://www.dsam.de">www.dsam.de</a>
<b>Xenics</b>	<a href="http://www.xenics.com">www.xenics.com</a>
<b>Ximea</b>	<a href="http://www.ximea.com">www.ximea.com</a>
<b>Zertrox</b>	<a href="http://www.zertrox.de">www.zertrox.de</a>
<b>Zhejiang Huaray Technology</b>	<a href="http://www.huaraytech.com">www.huaraytech.com</a>

# Consulting, Marketing, Education & Other Services

<b>AIA Automated Imaging Association</b>	<a href="http://www.machinevisiononline.org">www.machinevisiononline.org</a>
<b>Alfavision</b>	<a href="http://www.alfavision.de">www.alfavision.de</a>
<b>Arvoo Imaging Products</b>	<a href="http://www.arvoo.com">www.arvoo.com</a>
<b>AS Thermographie</b>	<a href="http://www.as-thermografie.de">www.as-thermografie.de</a>
<b>Asentics</b>	<a href="http://www.asentics.de">www.asentics.de</a>
<b>CMES - Chinese Mechanical Engineering Society</b>	<a href="http://www.cmes.org">www.cmes.org</a>
<b>Cmos Vision</b>	<a href="http://www.cmosvision.com">www.cmosvision.com</a>
<b>CMOSIS</b>	<a href="http://www.cmosis.com">www.cmosis.com</a>
<b>Cognex</b>	<a href="http://www.cognex.com">www.cognex.com</a>
<b>Collischon Optik-Design</b>	<a href="http://www.mikro-optik.de">www.mikro-optik.de</a>
<b>CSEM</b>	<a href="http://www.csem.ch">www.csem.ch</a>
<b>CTMV</b>	<a href="http://www.ctmv.de">www.ctmv.de</a>
<b>Datapixel</b>	<a href="http://www.datapixel.com">www.datapixel.com</a>
<b>De Man Industrie-Automation</b>	<a href="http://www.deman.de">www.deman.de</a>
<b>Digital West Imaging</b>	<a href="http://www.highspeedvideos.com">www.highspeedvideos.com</a>
<b>Duwe 3D</b>	<a href="http://www.duwe-3d.de">www.duwe-3d.de</a>
<b>EMVA European Machine Vision Association</b>	<a href="http://www.emva.org">www.emva.org</a>
<b>Entner Electronics</b>	<a href="http://www.entner-electronics.com">www.entner-electronics.com</a>
<b>Envision</b>	<a href="http://www.envision.co.kr">www.envision.co.kr</a>
<b>Erhard + Leimer</b>	<a href="http://www.erhardt-leimer.com">www.erhardt-leimer.com</a>
<b>Farbmessung Schröder</b>	<a href="http://www.farbmessung.com">www.farbmessung.com</a>
<b>FiberVision</b>	<a href="http://www.fibervision.de">www.fibervision.de</a>
<b>Framos</b>	<a href="http://www.framos.eu">www.framos.eu</a>
<b>Fraunhofer Allianz Vision</b>	<a href="http://www.vision.fraunhofer.de">www.vision.fraunhofer.de</a>
<b>G4 Technology</b>	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
<b>Gesellschaft für Bild- und Signalverarbeitung (GBS)</b>	<a href="http://www.gbs-ilmenau.de">www.gbs-ilmenau.de</a>
<b>GFal</b>	<a href="http://www.gfai.de">www.gfai.de</a>
<b>IDS</b>	<a href="http://www.ids-imaging.com">www.ids-imaging.com</a>
<b>Imaging Lab</b>	<a href="http://www.imaginglab.it">www.imaginglab.it</a>
<b>Impuls</b>	<a href="http://www.impuls-imaging.com">www.impuls-imaging.com</a>
<b>INB Vision</b>	<a href="http://www.inb-vision.com">www.inb-vision.com</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>
<b>InRay Solutions</b>	<a href="http://www.inrays.com">www.inrays.com</a>
<b>Inspect</b>	<a href="http://www.WileyIndustryNews.com">www.WileyIndustryNews.com</a>
<b>Irida Labs</b>	<a href="http://www.irdalabs.gr">www.irdalabs.gr</a>
<b>IS Imaging Solutions</b>	<a href="http://www.imaging-solutions.de">www.imaging-solutions.de</a>
<b>IVAN</b>	<a href="http://www.feda.nl">www.feda.nl</a>
<b>Dr.-Ing. Jänchen Business Development</b>	<a href="http://www.jaenchen-bd.com">www.jaenchen-bd.com</a>

<b>JIIA Japan Industrial Imaging Association</b>	<a href="http://www.jiia.org">www.jiia.org</a>
<b>Joanneum Research</b>	<a href="http://www.joanneum.at">www.joanneum.at</a>
<b>Kappa opto-electronics</b>	<a href="http://www.kappa.de">www.kappa.de</a>
<b>Landesmesse Stuttgart</b>	<a href="http://www.vision-fair.de">www.vision-fair.de</a>
<b>Lincoln Laser Company</b>	<a href="http://www.lincolnlaser.com">www.lincolnlaser.com</a>
<b>Messe München</b>	<a href="http://www.messe-muenchen.de">www.messe-muenchen.de</a>
<b>Michigan Metrology</b>	<a href="http://www.michmet.com">www.michmet.com</a>
<b>MsiVision</b>	<a href="http://www.msivision.com">www.msivision.com</a>
<b>Neurocheck</b>	<a href="http://www.neurocheck.com">www.neurocheck.com</a>
<b>Norman N. Axelrod Associates</b>	<a href="http://www.axelrodassociates.com">www.axelrodassociates.com</a>
<b>NTI</b>	<a href="http://www.nti-measure.com">www.nti-measure.com</a>
<b>Omron</b>	<a href="http://www.industrial.omron.de">www.industrial.omron.de</a>
<b>Optical Research Associates</b>	<a href="http://www.opticalres.com">www.opticalres.com</a>
<b>Opto</b>	<a href="http://www.opto.de">www.opto.de</a>
<b>Opto Fidelity</b>	<a href="http://www.optofidelity.com">www.optofidelity.com</a>
<b>P.E. Schall</b>	<a href="http://www.schall-messen.de">www.schall-messen.de</a>
<b>Phytec Messtechnik</b>	<a href="http://www.phytec.de">www.phytec.de</a>
<b>Pi4_robotics</b>	<a href="http://www.pi4.de">www.pi4.de</a>
<b>Polytec</b>	<a href="http://www.polytec.de/bv">www.polytec.de/bv</a>
<b>Rubroeder</b>	<a href="http://www.rubroeder.de">www.rubroeder.de</a>
<b>Sensor to Image</b>	<a href="http://www.sensor-to-image.de">www.sensor-to-image.de</a>
<b>SmartSurv</b>	<a href="http://www.smartsurv.de">www.smartsurv.de</a>
<b>Solving3D</b>	<a href="http://www.solving3d.de">www.solving3d.de</a>
<b>SPG Data 3D</b>	<a href="http://www.spgdata3d.com">www.spgdata3d.com</a>
<b>Stemmer Imaging</b>	<a href="http://www.stemmer-imaging.com">www.stemmer-imaging.com</a>
<b>Strategema   Frank Olschewski Consulting</b>	<a href="http://www.stra-te-gema.com">www.stra-te-gema.com</a>
<b>STZ Qualitätssicherung und Bildverarbeitung</b>	<a href="http://www.stz-ilmenau.de">www.stz-ilmenau.de</a>
<b>Supercomputing Systems</b>	<a href="http://www.scs-vision.ch">www.scs-vision.ch</a>
<b>SVS Vistek</b>	<a href="http://www.svs-vistek.com">www.svs-vistek.com</a>
<b>Sympo</b>	<a href="http://www.symop.com">www.symop.com</a>
<b>Systematic Vision</b>	<a href="http://www.systematicvision.com">www.systematicvision.com</a>
<b>Ukiva</b>	<a href="http://www.ukiva.org">www.ukiva.org</a>
<b>University of Applied Sciences</b>	<a href="http://www.fbmn.h-da.de">www.fbmn.h-da.de</a>
<b>Univision</b>	<a href="http://www.univision.it">www.univision.it</a>
<b>Van de Loosdrecht Machine Vision</b>	<a href="http://www.vdlmv.nl">www.vdlmv.nl</a>
<b>VDMA Industrielle Bildverarbeitung</b>	<a href="http://www.vdma.org/vision">www.vdma.org/vision</a>
<b>Vega Technology Group</b>	<a href="http://www.vegatcgroup.com">www.vegatcgroup.com</a>
<b>Vision &amp; Control</b>	<a href="http://www.vision-control.com">www.vision-control.com</a>
<b>Vision Club of Finland</b>	<a href="http://www.automaatioseura.fi">www.automaatioseura.fi</a>
<b>Vision Machines</b>	<a href="http://www.vision-machines.com">www.vision-machines.com</a>

Vision Tools	<a href="http://www.vision-tools.com">www.vision-tools.com</a>
Vision Ventures	<a href="http://www.vision-ventures.eu">www.vision-ventures.eu</a>
Visionlink	<a href="http://www.visionlink.it">www.visionlink.it</a>
Vitronic	<a href="http://www.vitronic.com">www.vitronic.com</a>

VMT	<a href="http://www.vmt-gmbh.com">www.vmt-gmbh.com</a>
Wenglor Sensoric	<a href="http://www.wenglor.com">www.wenglor.com</a>
Zertrox	<a href="http://www.zertrox.de">www.zertrox.de</a>

# Frame Grabber

Active Silicon	<a href="http://www.activesilicon.com">www.activesilicon.com</a>
Adlink	<a href="http://www.adlinktech.eu">www.adlinktech.eu</a>
Advantech Europe	<a href="http://www.advantech.eu">www.advantech.eu</a>
Alacron	<a href="http://www.alacron.com">www.alacron.com</a>
Alrad Imaging	<a href="http://www.alrad.co.uk">www.alrad.co.uk</a>
Arvoo Imaging Products	<a href="http://www.arvoo.com">www.arvoo.com</a>
Baumer	<a href="http://www.baumer.com">www.baumer.com</a>
Beijing Microview	<a href="http://www.microview.com.cn">www.microview.com.cn</a>
BitFlow	<a href="http://www.bitflow.com">www.bitflow.com</a>
Bock Optronics	<a href="http://www.bockoptronics.ca">www.bockoptronics.ca</a>
China Daheng Group	<a href="http://www.daheng-image.com">www.daheng-image.com</a>
Cognex	<a href="http://www.cognex.com">www.cognex.com</a>
Cosyco	<a href="http://www.cosyco.de">www.cosyco.de</a>
Cyberoptics Semiconductor	<a href="http://www.imagenation.com">www.imagenation.com</a>
EDT	<a href="http://www.edt.com">www.edt.com</a>
EHD imaging	<a href="http://www.ehd.de">www.ehd.de</a>
Ellips	<a href="http://www.ellips.nl">www.ellips.nl</a>
Eltec Elektronik	<a href="http://www.eltec.com">www.eltec.com</a>
Epix	<a href="http://www.epixinc.com">www.epixinc.com</a>
Fabrimex Systems	<a href="http://www.fabrimex-systems.ch">www.fabrimex-systems.ch</a>
Fast	<a href="http://www.fast-corp.co.jp">www.fast-corp.co.jp</a>
Framos	<a href="http://www.framos.eu">www.framos.eu</a>
G4 Technology	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
Gidel	<a href="http://www.gidel.com">www.gidel.com</a>
HaSoTec	<a href="http://www.hasotec.com">www.hasotec.com</a>
IDS	<a href="http://www.ids-imaging.com">www.ids-imaging.com</a>
Image House	<a href="http://www.imagehouse.dk">www.imagehouse.dk</a>
Image S	<a href="http://www.imagesrl.com">www.imagesrl.com</a>
Imaging Solutions Group	<a href="http://www.isgcameras.com">www.isgcameras.com</a>
Imperx	<a href="http://www.imperx.com">www.imperx.com</a>

Infaimon	<a href="http://www.infaimon.com">www.infaimon.com</a>
IS Imaging Solutions	<a href="http://www.imaging-solutions.de">www.imaging-solutions.de</a>
Isra Vision	<a href="http://www.isravision.com">www.isravision.com</a>
Japan F.A. Systems	<a href="http://www.jfas.co.jp">www.jfas.co.jp</a>
Karlheinz Hinze Optoengineering	<a href="http://www.hinze-opto.de">www.hinze-opto.de</a>
Kvant	<a href="http://www.kvant.sk">www.kvant.sk</a>
Lambda Photometrics	<a href="http://www.lambdaphoto.co.uk">www.lambdaphoto.co.uk</a>
Leutron Vision	<a href="http://www.leutron.com">www.leutron.com</a>
Luster LightVision Tech	<a href="http://www.lusterinc.com">www.lusterinc.com</a>
Matrix Vision	<a href="http://www.matrix-vision.de">www.matrix-vision.de</a>
Matrox Imaging	<a href="http://www.matrox.com/imaging">www.matrox.com/imaging</a>
MaxxVision	<a href="http://www.maxxvision.com">www.maxxvision.com</a>
Menzel Vision and Robotics	<a href="http://www.menzelab.com">www.menzelab.com</a>
Microsystems	<a href="http://www.microsystems.it">www.microsystems.it</a>
Mikrotron	<a href="http://www.mikrotron.de">www.mikrotron.de</a>
MsiVision	<a href="http://www.msivision.com">www.msivision.com</a>
National Instruments	<a href="http://www.ni.com">www.ni.com</a>
Odem Technologies	<a href="http://www.odem.co.il">www.odem.co.il</a>
Omron Microscan Systems	<a href="http://www.microscan.com">www.microscan.com</a>
Orbis	<a href="http://www.orbis.eu">www.orbis.eu</a>
Parameter	<a href="http://www.parameter.se">www.parameter.se</a>
Phaer	<a href="http://www.phaer.be">www.phaer.be</a>
Phytec Messtechnik	<a href="http://www.phytec.de">www.phytec.de</a>
Pi4_robotics	<a href="http://www.pi4.de">www.pi4.de</a>
Polytec	<a href="http://www.polytec.de/bv">www.polytec.de/bv</a>
Premier Electronics	<a href="http://www.premierelect.co.uk">www.premierelect.co.uk</a>
Qualimatest	<a href="http://www.qmt.ch">www.qmt.ch</a>
Rauscher	<a href="http://www.rauscher.de">www.rauscher.de</a>
Schael-Optik	<a href="http://www.schael-optik.de">www.schael-optik.de</a>
Schäfer+Kirchhoff	<a href="http://www.sukhamburg.de">www.sukhamburg.de</a>

Schmachtl	<a href="http://www.schmachtl.at">www.schmachtl.at</a>
Second2None	<a href="http://www.visiondragon.com">www.visiondragon.com</a>
Sensor to Image	<a href="http://www.sensor-to-image.de">www.sensor-to-image.de</a>
Silicon Software	<a href="http://www.silicon-software.de">www.silicon-software.de</a>
Stemmer Imaging	<a href="http://www.stemmer-imaging.com">www.stemmer-imaging.com</a>
STZ Qualitätssicherung und Bildverarbeitung	<a href="http://www.stz-ilmenau.de">www.stz-ilmenau.de</a>
Sundance Multiprocessor Technology	<a href="http://www.sundance.com">www.sundance.com</a>
SVS Vistek	<a href="http://www.svs-vistek.com">www.svs-vistek.com</a>
Symco	<a href="http://www.symco.co.jp">www.symco.co.jp</a>
Systematic Vision	<a href="http://www.systematicvision.com">www.systematicvision.com</a>

Teledyne Dalsa	<a href="http://www.teledynedalsa.com">www.teledynedalsa.com</a>
The Imaging Source	<a href="http://www.theimagingnsources.com">www.theimagingnsources.com</a>
Videology Imaging Solutions	<a href="http://www.videologyinc.com">www.videologyinc.com</a>
Vidisys	<a href="http://www.vidisys.de">www.vidisys.de</a>
Vision Tools	<a href="http://www.vision-tools.com">www.vision-tools.com</a>
Visionlink	<a href="http://www.visionlink.it">www.visionlink.it</a>
Vistek	<a href="http://www.vistekas.com">www.vistekas.com</a>
Weiss Imaging and Solutions	<a href="http://www.weiss-imaging.de">www.weiss-imaging.de</a>

# ILLUMINATION & LIGHTING SYSTEMS

ABW	<a href="http://www.abw-3d.de">www.abw-3d.de</a>
Acal Bfi Germany	<a href="http://www.bfiophtilas.com">www.bfiophtilas.com</a>
Advanced Illumination	<a href="http://www.advancedillumination.com">www.advancedillumination.com</a>
Allison Park Group	<a href="http://www.apgvision.com">www.apgvision.com</a>
Alrad Imaging	<a href="http://www.alrad.co.uk">www.alrad.co.uk</a>
AutoVimation	<a href="http://www.autovimation.com">www.autovimation.com</a>
Balluff	<a href="http://www.balluff.com">www.balluff.com</a>
Baumer	<a href="http://www.baumer.com">www.baumer.com</a>
Bock Optronics	<a href="http://www.bockoptronics.ca">www.bockoptronics.ca</a>
Büchner Lichtsysteme	<a href="http://www.buechner-lichtsysteme.de">www.buechner-lichtsysteme.de</a>
Cavitar	<a href="http://www.cavitar.com">www.cavitar.com</a>
CCS Europe	<a href="http://www.ccs-grp.com">www.ccs-grp.com</a>
Ceres Vision	<a href="http://www.ceresvision.de">www.ceresvision.de</a>
Chromasens	<a href="http://www.chromasens.de">www.chromasens.de</a>
Cognex	<a href="http://www.cognex.com">www.cognex.com</a>
Coherent	<a href="http://www.coherent.com">www.coherent.com</a>
Collischon Optik-Design	<a href="http://www.mikro-optik.de">www.mikro-optik.de</a>
DCM Sistemas	<a href="http://www.dcmsistemas.com">www.dcmsistemas.com</a>
Dedo Weigert	<a href="http://www.dedoweigertfilm.de">www.dedoweigertfilm.de</a>
Digital West Imaging	<a href="http://www.highspeedvideos.com">www.highspeedvideos.com</a>

Edmund Optics	<a href="http://www.edmundoptics.de">www.edmundoptics.de</a>
Effilux	<a href="http://www.effilux.fr">www.effilux.fr</a>
Erhard + Leimer	<a href="http://www.erhardt-leimer.com">www.erhardt-leimer.com</a>
Fabrimex Systems	<a href="http://www.fabrimex-systems.ch">www.fabrimex-systems.ch</a>
Falcon Illumination MV	<a href="http://www.falcon-illumination.de">www.falcon-illumination.de</a>
Faseroptik Henning	<a href="http://www.faseroptik-henning.de">www.faseroptik-henning.de</a>
Fiberoptics Technology	<a href="http://www.fiberoptix.com">www.fiberoptix.com</a>
FiberVision	<a href="http://www.fibervision.de">www.fibervision.de</a>
Finger	<a href="http://www.finger-kg.de">www.finger-kg.de</a>
Framos	<a href="http://www.framos.eu">www.framos.eu</a>
Frankfurt Laser Company	<a href="http://www.frlaserco.com">www.frlaserco.com</a>
FSI Technologies	<a href="http://www.fsinet.com">www.fsinet.com</a>
G4 Technology	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
Gardasoft Vision	<a href="http://www.gardasoft.com">www.gardasoft.com</a>
GPP Chemnitz	<a href="http://www.gppc.de">www.gppc.de</a>
Hamamatsu Photonics	<a href="http://www.hamamatsu.com">www.hamamatsu.com</a>
Helmut Hund	<a href="http://www.hund.de">www.hund.de</a>
Hema	<a href="http://www.hema.de">www.hema.de</a>
Herbert Waldmann	<a href="http://www.waldmann.com">www.waldmann.com</a>
IB/E Optics	<a href="http://www.ibe-optics.com">www.ibe-optics.com</a>

<b>Ifm electronic</b>	<a href="http://www.ifm.com">www.ifm.com</a>
<b>IIM</b>	<a href="http://www.iimag.de">www.iimag.de</a>
<b>ILEE</b>	<a href="http://www.ilee.ch">www.ilee.ch</a>
<b>Image House</b>	<a href="http://www.imagehouse.dk">www.imagehouse.dk</a>
<b>Image S</b>	<a href="http://www.imagessrl.com">www.imagessrl.com</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>
<b>Innomiles International</b>	<a href="http://www.innomiles.com">www.innomiles.com</a>
<b>Insensiv</b>	<a href="http://www.insensiv.de">www.insensiv.de</a>
<b>IS Imaging Solutions</b>	<a href="http://www.imaging-solutions.de">www.imaging-solutions.de</a>
<b>ISVI</b>	<a href="http://www.isvi-corp.com">www.isvi-corp.com</a>
<b>Japan F.A. Systems</b>	<a href="http://www.jfas.co.jp">www.jfas.co.jp</a>
<b>Jenoptik Laser, Optik, Systeme</b>	<a href="http://www.jenoptik-los.de">www.jenoptik-los.de</a>
<b>Jos. Schneider Optische Werke</b>	<a href="http://www.schneiderindustrial-optics.com">www.schneiderindustrial-optics.com</a>
<b>Karlheinz Hinze Optoengineering</b>	<a href="http://www.hinze-opto.de">www.hinze-opto.de</a>
<b>Keyence</b>	<a href="http://www.keyence.de">www.keyence.de</a>
<b>Klastech</b>	<a href="http://www.klastech.com">www.klastech.com</a>
<b>Klughammer</b>	<a href="http://kms-e.de">http://kms-e.de</a>
<b>Kvant</b>	<a href="http://www.kvant.sk">www.kvant.sk</a>
<b>Lambda Photometrics</b>	<a href="http://www.lambdaphoto.co.uk">www.lambdaphoto.co.uk</a>
<b>Laser 2000</b>	<a href="http://www.laser2000.de">www.laser2000.de</a>
<b>Laser Components</b>	<a href="http://www.lasercomponents.com">www.lasercomponents.com</a>
<b>LAT elektronik</b>	<a href="http://www.latab.se">www.latab.se</a>
<b>LDD Trading Associates</b>	<a href="http://www.lddlight.com">www.lddlight.com</a>
<b>Leistungselektronik Jena</b>	<a href="http://www.lej.de">www.lej.de</a>
<b>Leitner Industrial Endoscopy</b>	<a href="http://www.leitner-efer.de">www.leitner-efer.de</a>
<b>Leutron Vision</b>	<a href="http://www.leutron.com">www.leutron.com</a>
<b>LMI Technologies</b>	<a href="http://www.lmi3d.com">www.lmi3d.com</a>
<b>LOT Quantum Design</b>	<a href="http://lot-qd.de">http://lot-qd.de</a>
<b>Luster LightVision Tech</b>	<a href="http://www.lusterinc.com">www.lusterinc.com</a>
<b>Matrix Vision</b>	<a href="http://www.matrix-vision.de">www.matrix-vision.de</a>
<b>MaxxVision</b>	<a href="http://www.maxxvision.com">www.maxxvision.com</a>
<b>Menzel Vision and Robotics</b>	<a href="http://www.menzelab.com">www.menzelab.com</a>
<b>Metaphase Technologies</b>	<a href="http://www.metaphase-tech.com">www.metaphase-tech.com</a>
<b>MG Optical Solutions</b>	<a href="http://www.mgopticalsolutions.com">www.mgopticalsolutions.com</a>
<b>Microsystems</b>	<a href="http://www.microsystems.it">www.microsystems.it</a>
<b>Moritex</b>	<a href="http://www.moritex.com">www.moritex.com</a>
<b>MsiVision</b>	<a href="http://www.msivision.com">www.msivision.com</a>
<b>MTD</b>	<a href="http://www.mtd-light.com">www.mtd-light.com</a>
<b>Myutron</b>	<a href="http://www.myutron.com">www.myutron.com</a>
<b>Nacacue</b>	<a href="http://www.nacacue.com">www.nacacue.com</a>
<b>NET</b>	<a href="http://www.net-.com">www.net-.com</a>
<b>NeuPro Solutions</b>	<a href="http://www.neupro-solutions.com">www.neupro-solutions.com</a>

<b>Odem Technologies</b>	<a href="http://www.odem.co.il">www.odem.co.il</a>
<b>Olympus</b>	<a href="http://www.olympus-europa.com">www.olympus-europa.com</a>
<b>Omicron Laserage</b>	<a href="http://www.omicron-laser.de">www.omicron-laser.de</a>
<b>Omron Microscan Systems</b>	<a href="http://www.microscan.com">www.microscan.com</a>
<b>Omron</b>	<a href="http://www.industrial.omron.de">www.industrial.omron.de</a>
<b>Opto</b>	<a href="http://www.opto.de">www.opto.de</a>
<b>Opto Engineering</b>	<a href="http://www.opto-engineering.com">www.opto-engineering.com</a>
<b>Opto Precision</b>	<a href="http://www.optoprecision.de">www.optoprecision.de</a>
<b>Optometron</b>	<a href="http://www.optometron.de">www.optometron.de</a>
<b>OptoPolymer</b>	<a href="http://www.optopolymer.de">www.optopolymer.de</a>
<b>Orbis</b>	<a href="http://www.orbis.eu">www.orbis.eu</a>
<b>Parameter</b>	<a href="http://www.parameter.se">www.parameter.se</a>
<b>PerkinElmer Optoelectronics</b>	<a href="http://www.perkinelmer.com">www.perkinelmer.com</a>
<b>Phaer</b>	<a href="http://www.phaer.be">www.phaer.be</a>
<b>Phlox</b>	<a href="http://www.phlox-gc.com">www.phlox-gc.com</a>
<b>Phytec Messtechnik</b>	<a href="http://www.phytec.de">www.phytec.de</a>
<b>Pi4_robotics</b>	<a href="http://www.pi4.de">www.pi4.de</a>
<b>Planistar Lichttechnik</b>	<a href="http://www.planistar.de">www.planistar.de</a>
<b>POG Präzisionsoptik Gera</b>	<a href="http://www.pog.eu">www.pog.eu</a>
<b>Polytec</b>	<a href="http://www.polytec.de/bv">www.polytec.de/bv</a>
<b>Power Technology</b>	<a href="http://www.powertechnology.com">www.powertechnology.com</a>
<b>Profactor</b>	<a href="http://www.profactor.at">www.profactor.at</a>
<b>Qualimatest</b>	<a href="http://www.qmt.ch">www.qmt.ch</a>
<b>Quioptiq</b>	<a href="http://www.quioptiq.de">www.quioptiq.de</a>
<b>Rauscher</b>	<a href="http://www.rauscher.de">www.rauscher.de</a>
<b>RH Engineering</b>	<a href="http://www.rhengineering.de">www.rhengineering.de</a>
<b>Rheintacho Messtechnik</b>	<a href="http://www.rheintacho.com">www.rheintacho.com</a>
<b>Schael-Optik</b>	<a href="http://www.schael-optik.de">www.schael-optik.de</a>
<b>Schäfter + Kirchhoff</b>	<a href="http://www.sukhamburg.de">www.sukhamburg.de</a>
<b>Schmachtl</b>	<a href="http://www.schmachtl.at">www.schmachtl.at</a>
<b>Schott Lighting and Imaging</b>	<a href="http://www.schott.com">www.schott.com</a>
<b>Second2None</b>	<a href="http://www.visiondragon.com">www.visiondragon.com</a>
<b>Sedeco Vision Components</b>	<a href="http://www.sedeco.nl">www.sedeco.nl</a>
<b>Seiwa Optical</b>	<a href="http://www.seiwaopt.co.jp">www.seiwaopt.co.jp</a>
<b>Sharp Microelectronics</b>	<a href="http://www.sharpsme.com">www.sharpsme.com</a>
<b>Sill Optics</b>	<a href="http://www.silloptics.de">www.silloptics.de</a>
<b>Smart Vision Lights</b>	<a href="http://www.smartvisionlights.com">www.smartvisionlights.com</a>
<b>Smartek Vision</b>	<a href="http://www.smartekvision.com">www.smartekvision.com</a>
<b>Soliton Technologies</b>	<a href="http://www.solitontech.com">www.solitontech.com</a>
<b>Special Application Products</b>	<a href="http://www.sapltd.co.uk">www.sapltd.co.uk</a>
<b>Spectrum Illumination</b>	<a href="http://www.spectrumillumination.com">www.spectrumillumination.com</a>
<b>Stemmer Imaging</b>	<a href="http://www.stemmer-imaging.com">www.stemmer-imaging.com</a>



<b>StockerYale</b>	<a href="http://www.stockeryale.com">www.stockeryale.com</a>
<b>STZ Qualitätssicherung und Bildverarbeitung</b>	<a href="http://www.stz-ilmenau.de">www.stz-ilmenau.de</a>
<b>SVS Vistek</b>	<a href="http://www.svs-vistek.com">www.svs-vistek.com</a>
<b>Symco</b>	<a href="http://www.symco.co.jp">www.symco.co.jp</a>
<b>Tecin</b>	<a href="http://www.tecin.de">www.tecin.de</a>
<b>Tekno Optik</b>	<a href="http://www.teknooptik.se">www.teknooptik.se</a>
<b>Tema</b>	<a href="http://www.temavisio.com">www.temavisio.com</a>
<b>The Imaging Source</b>	<a href="http://www.theimagingnsorce.com">www.theimagingnsorce.com</a>
<b>Univision</b>	<a href="http://www.univision.it">www.univision.it</a>
<b>V Cubed</b>	<a href="http://www.vcubed.co.uk">www.vcubed.co.uk</a>
<b>Vialux</b>	<a href="http://www.vialux.de">www.vialux.de</a>
<b>Visicontrol</b>	<a href="http://www.visicontrol.com">www.visicontrol.com</a>

<b>Visiolaser</b>	<a href="http://www.vannier-photelec.fr/visiolaser">www.vannier-photelec.fr/visiolaser</a>
<b>Vision &amp; Control</b>	<a href="http://www.vision-control.com">www.vision-control.com</a>
<b>Vision Light Tech</b>	<a href="http://www.visionlighttech.com">www.visionlighttech.com</a>
<b>Vision Tools</b>	<a href="http://www.vision-tools.com">www.vision-tools.com</a>
<b>Visionlink</b>	<a href="http://www.visionlink.it">www.visionlink.it</a>
<b>Visitool</b>	<a href="http://www.visitool.de">www.visitool.de</a>
<b>Vistas</b>	<a href="http://www.vistas-gmbh.de">www.vistas-gmbh.de</a>
<b>Volpi</b>	<a href="http://www.volpi.ch">www.volpi.ch</a>
<b>VS Technology</b>	<a href="http://www.vst.co.jp">www.vst.co.jp</a>
<b>Weiss Imaging and Solutions</b>	<a href="http://www.weiss-imaging.de">www.weiss-imaging.de</a>
<b>Wenglor Sensoric</b>	<a href="http://www.wenglor.com">www.wenglor.com</a>
<b>Zertrox</b>	<a href="http://www.zertrox.de">www.zertrox.de</a>

# Microscopes, Endoscopes & Equipment

<b>Alrad Imaging</b>	<a href="http://www.alrad.co.uk">www.alrad.co.uk</a>
<b>AMS Technologies</b>	<a href="http://www.amstechnologies.com">www.amstechnologies.com</a>
<b>Andor Technology</b>	<a href="http://www.andor.com">www.andor.com</a>
<b>Asylum Research</b>	<a href="http://www.asylumresearch.com">www.asylumresearch.com</a>
<b>Bock Optronics</b>	<a href="http://www.bockoptronics.ca">www.bockoptronics.ca</a>
<b>Breitmeier Messtechnik</b>	<a href="http://www.breitmeier.de">www.breitmeier.de</a>
<b>Carl Zeiss Microimaging</b>	<a href="http://www.zeiss.de/microscopy">www.zeiss.de/microscopy</a>
<b>Deben UK</b>	<a href="http://www.deben.co.uk">www.deben.co.uk</a>
<b>Dr. Heinrich Schneider Messtechnik</b>	<a href="http://www.dr-schneider.de">www.dr-schneider.de</a>
<b>Edmund Optics</b>	<a href="http://www.edmundoptics.de">www.edmundoptics.de</a>
<b>EHD Imaging</b>	<a href="http://www.ehd.de">www.ehd.de</a>
<b>Fei Company</b>	<a href="http://www.feicom.com">www.feicom.com</a>
<b>Fort SA</b>	<a href="http://www.fort-fr.com">www.fort-fr.com</a>
<b>FRT Fries Research &amp; Technology</b>	<a href="http://www.frt-gmbh.com">www.frt-gmbh.com</a>
<b>G4 Technology</b>	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
<b>Heliotis</b>	<a href="http://www.heliotis.ch">www.heliotis.ch</a>
<b>Helmut Hund</b>	<a href="http://www.hund.de">www.hund.de</a>
<b>Hipp Endoskop Service</b>	<a href="http://www.hipp-endoskopservice.com">www.hipp-endoskopservice.com</a>

<b>Horn Imaging</b>	<a href="http://www.horn-imaging.de">www.horn-imaging.de</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>
<b>Infinity Photo-Optical</b>	<a href="http://www.infinity-usa.com">www.infinity-usa.com</a>
<b>Karl Storz</b>	<a href="http://www.karlstorz.com">www.karlstorz.com</a>
<b>Karlheinz Hinze Optoengineering</b>	<a href="http://www.hinze-opto.de">www.hinze-opto.de</a>
<b>Kdorf Automation</b>	<a href="http://www.kdorf.de">www.kdorf.de</a>
<b>Keyence</b>	<a href="http://www.keyence.de">www.keyence.de</a>
<b>Klughammer</b>	<a href="http://www.klughammer.de">www.klughammer.de</a>
<b>Kvant</b>	<a href="http://www.kvant.sk">www.kvant.sk</a>
<b>Leica Microsystems</b>	<a href="http://www.leica-microsystems.com">www.leica-microsystems.com</a>
<b>Leitner Industrial Endoscopy</b>	<a href="http://www.leitner-efer.de">www.leitner-efer.de</a>
<b>LOT Quantum Design</b>	<a href="http://lot-qd.de">http://lot-qd.de</a>
<b>MBR</b>	<a href="http://www.mbr-gmbh.com">www.mbr-gmbh.com</a>
<b>Micos</b>	<a href="http://www.micos.ws">www.micos.ws</a>
<b>Micro-Epsilon</b>	<a href="http://www.eltrotec.com">www.eltrotec.com</a>
<b>Mikroskoptechnik Rathenow</b>	<a href="http://www.askania.de">www.askania.de</a>
<b>Mitutoyo</b>	<a href="http://www.mitutoyo.de">www.mitutoyo.de</a>
<b>Moritex</b>	<a href="http://www.moritex.com">www.moritex.com</a>

MsiVision	www.msivision.com
NanoFocus	www.nanofocus.de
Nanosurf	www.nanosurf.com
Nikon	www.nikoninstruments.eu
Olympus	www.olympus-europa.com
Opto	www.opto.de
OptoMess	www.optomess.de
Optometron	www.optometron.de
Optoprim	www.optoprim.de
Oxford Instruments	www.oxford-instruments.com
Panasonic	http://business.panasonic.co.uk/imv
PCE Power Control	www.pce-powercontrol.de
Physik Instrumente	www.pi.ws
Pi4_robotics	www.pi4.de
Pro Design Electronic	www.prodesign-europe.com
Richard Wolf	www.richard-wolf.com

Rubroeder	www.rubroeder.de
Schael-Optik	www.schael-optik.de
Schäfer Technologie	www.schaefer-tec.com
Seiwa Optical	www.seiwaopt.co.jp
STZ Qualitätssicherung und Bildverarbeitung	www.stz-ilmenau.de
Tecin	www.tecin.de
Tekno Optik	www.teknooptik.se
Thermosensorik	www.thermosensorik.de
Vega Technology Group	www.vegatcgroup.com
Vision Engineering	www.visioneng.de
Visitool	www.visitool.de
Walter Uhl	www.walteruhl.de
Weiss Imaging and Solutions	www.weiss-imaging.de
Werth Messtechnik	www.werthmesstechnik.de
Wild	www.wild.at

# Optical Metrology

3D Shape	www.3d-shape.com
Alicona Imaging	www.alicona.com
Allsens Messtechnik	www.allsens.de
Ametek	www.ametek.de
AMS Technologies	www.amstechnologies.com
Andor Technology	www.andor.com
Applied Electro-Optics	www.aeousa.com
Applied Scintillation Technologies	www.scintacor.com
Armstrong Optical	www.armstrongoptical.co.uk
Avantes	www.avantes.com
Benteler Maschinenbau	www.benteler.de
Bentham Instruments	www.bentham.co.uk
Berliner Glas Gruppe	www.berlinglas.de
Breitmeier Messtechnik	www.breitmeier.de
BST eltomat International	www.bst-international.com
BST International	www.bst-international.com
Carl Zeiss IMT	www.zeiss.de/Messtechnik
Carl Zeiss Microimaging	www.zeiss.de/microscopy

Carl Zeiss Optotechnik	optotechnik.zeiss.com
Chunghwa Leading Photonics Tech (CLPT)	www.clpt.com.tw
CMC Kuhnke	www.cmc-kuhnke.de
ColorLite	www.colorlite.de
Confovis	www.confovis.com
Creaform Deutschland	www.creaform3d.com
Dantec Dynamics	www.dantecdynamics.com
Datapixel	www.datapixel.com
Digital Surf	www.digitalsurf.com
Dr. Heinrich Schneider Messtechnik	www.dr-schneider.de
Dr. Wehrhahn Messsysteme	www.drwehrhahn.com
Dyoptyka	www.dyoptyka.com
EHD Imaging	www.ehd.de
Electronic Systems	www.electronicssystem.it
ElektroPhysik Dr. Steingroever	www.elektrophysik.com
EVK DI Kerschhagl	www.evk.biz

<b>Farbmessung Schröder</b>	<a href="http://www.farbmessung.com">www.farbmessung.com</a>
<b>Faro</b>	<a href="http://www.faro.com">www.faro.com</a>
<b>FJW Optical Systems</b>	<a href="http://www.findrscope.com">www.findrscope.com</a>
<b>Fraunhofer IFF</b>	<a href="http://www.mpt.iff.fraunhofer.de">www.mpt.iff.fraunhofer.de</a>
<b>FRT Fries Research &amp; Technology</b>	<a href="http://www.frt-gmbh.com">www.frt-gmbh.com</a>
<b>G4 Technology</b>	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
<b>GE Sensing &amp; Inspection Technologies</b>	<a href="http://www.gemeasurement.com">www.gemeasurement.com</a>
<b>GOM</b>	<a href="http://www.gom.com">www.gom.com</a>
<b>Hamamatsu Photonics</b>	<a href="http://www.hamamatsu.com">www.hamamatsu.com</a>
<b>HD Vision Systems</b>	<a href="http://www.hdvvisionsystems.com">www.hdvvisionsystems.com</a>
<b>Heitronics Infrarot Messtechnik</b>	<a href="http://www.heitronics.com">www.heitronics.com</a>
<b>Hexagon Manufacturing Intelligence</b>	<a href="http://www.hexagonmi.com">www.hexagonmi.com</a>
<b>Hipp Endoskop Service</b>	<a href="http://www.hipp-endoskopservice.com">www.hipp-endoskopservice.com</a>
<b>IB/E Optics</b>	<a href="http://www.ibe-optics.com">www.ibe-optics.com</a>
<b>Ico Data</b>	<a href="http://www.icodata.de">www.icodata.de</a>
<b>Ideko</b>	<a href="http://www.ideko.es">www.ideko.es</a>
<b>iiM</b>	<a href="http://www.iimag.de">www.iimag.de</a>
<b>ILEE</b>	<a href="http://www.ilee.ch">www.ilee.ch</a>
<b>Imetric</b>	<a href="http://www.imetric.com">www.imetric.com</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>
<b>Infinity Photo-Optical</b>	<a href="http://www.infinity-usa.com">www.infinity-usa.com</a>
<b>InfraTec</b>	<a href="http://www.infratec.de">www.infratec.de</a>
<b>Innowep</b>	<a href="http://www.innowep.com">www.innowep.com</a>
<b>InSystems Automation</b>	<a href="http://www.insystems.de">www.insystems.de</a>
<b>Isi-sys</b>	<a href="http://www.isi-sys.com">www.isi-sys.com</a>
<b>Jenoptik</b>	<a href="http://www.jenoptik.de">www.jenoptik.de</a>
<b>Jos. Schneider Optische Werke</b>	<a href="http://www.schneiderkreuznach.com">www.schneiderkreuznach.com</a>
<b>Kleiber Infrared</b>	<a href="http://www.kleiberinfrared.com">www.kleiberinfrared.com</a>
<b>Konica Minolta</b>	<a href="http://www.konicaminolta.eu">www.konicaminolta.eu</a>
<b>Kreon Technologies</b>	<a href="http://www.kreon3d.com">www.kreon3d.com</a>
<b>Lambda Photometrics</b>	<a href="http://www.lambdaphoto.co.uk">www.lambdaphoto.co.uk</a>
<b>LamTech</b>	<a href="http://www.lamtech.de">www.lamtech.de</a>
<b>Land Instruments</b>	<a href="http://www.landinst.com">www.landinst.com</a>
<b>LAP</b>	<a href="http://www.lap-laser.com">www.lap-laser.com</a>
<b>Laser 2000</b>	<a href="http://www.laser2000.de">www.laser2000.de</a>
<b>Laser Components</b>	<a href="http://www.lasercomponents.com">www.lasercomponents.com</a>
<b>Laser Quantum</b>	<a href="http://www.laserquantum.com">www.laserquantum.com</a>
<b>LayTec</b>	<a href="http://www.laytec.de">www.laytec.de</a>
<b>LDV Systeme</b>	<a href="http://www.ldv-systeme.de">www.ldv-systeme.de</a>
<b>Leitner Industrial Endoscopy</b>	<a href="http://www.leitner-efer.de">www.leitner-efer.de</a>
<b>Limess</b>	<a href="http://www.limess.com">www.limess.com</a>
<b>LOT Quantum Design</b>	<a href="http://lot-qd.de">http://lot-qd.de</a>

<b>Mahr</b>	<a href="http://www.mahr.de">www.mahr.de</a>
<b>Meta Vision Systems</b>	<a href="http://www.meta-mvs.co.uk">www.meta-mvs.co.uk</a>
<b>Metris</b>	<a href="http://www.metris.com">www.metris.com</a>
<b>MG Optical Solutions</b>	<a href="http://www.mgopticalsolutions.com">www.mgopticalsolutions.com</a>
<b>Michigan Metrology</b>	<a href="http://www.michmet.com">www.michmet.com</a>
<b>Mikropack</b>	<a href="http://www.mikropack.de">www.mikropack.de</a>
<b>Mirco-Epsilon Eltrotec</b>	<a href="http://www.eltrotec.com">www.eltrotec.com</a>
<b>Mitutoyo</b>	<a href="http://www.mitutoyo.de">www.mitutoyo.de</a>
<b>Moeller-Wedel Optical</b>	<a href="http://www.moeller-wedel-optical.com">www.moeller-wedel-optical.com</a>
<b>Molenaar Optics</b>	<a href="http://www.molenaar-optics.com">www.molenaar-optics.com</a>
<b>Moritex</b>	<a href="http://www.moritex.com">www.moritex.com</a>
<b>M-u-t</b>	<a href="http://www.mut-group.com">www.mut-group.com</a>
<b>Mycrona</b>	<a href="http://www.mycrona.de">www.mycrona.de</a>
<b>NanoFocus</b>	<a href="http://www.nanofocus.de">www.nanofocus.de</a>
<b>Nikon Metrology</b>	<a href="http://www.nikonmetrology.com">www.nikonmetrology.com</a>
<b>Novacam Technologies Inc.</b>	<a href="http://www.novacam.com">www.novacam.com</a>
<b>NTI</b>	<a href="http://www.nti-measure.com">www.nti-measure.com</a>
<b>Nub3d</b>	<a href="http://www.nub3d.com">www.nub3d.com</a>
<b>Odem Technologies</b>	<a href="http://www.odem.co.il">www.odem.co.il</a>
<b>OGP Messtechnik</b>	<a href="http://www.ogpmesstechnik.de">www.ogpmesstechnik.de</a>
<b>Olympus</b>	<a href="http://www.olympus-europa.com">www.olympus-europa.com</a>
<b>Opsira</b>	<a href="http://www.opsira.de">www.opsira.de</a>
<b>Optimet Optical Metrology</b>	<a href="http://www.optimet.com">www.optimet.com</a>
<b>Opto</b>	<a href="http://www.opto.de">www.opto.de</a>
<b>Opto Fidelity</b>	<a href="http://www.optofidelity.com">www.optofidelity.com</a>
<b>Opto Precision</b>	<a href="http://www.optoprecision.de">www.optoprecision.de</a>
<b>OptoMess</b>	<a href="http://www.optomess.de">www.optomess.de</a>
<b>Optometron</b>	<a href="http://www.optometron.de">www.optometron.de</a>
<b>OptoPolymer</b>	<a href="http://www.optopolymer.de">www.optopolymer.de</a>
<b>Optoprim</b>	<a href="http://www.optoprim.de">www.optoprim.de</a>
<b>OptoSurf</b>	<a href="http://www.optosurf.com">www.optosurf.com</a>
<b>Optris</b>	<a href="http://www.optris.de">www.optris.de</a>
<b>Orbis</b>	<a href="http://www.orbis.eu">www.orbis.eu</a>
<b>Oxford Instruments</b>	<a href="http://www.oxford-instruments.com">www.oxford-instruments.com</a>
<b>Parameter</b>	<a href="http://www.parameter.se">www.parameter.se</a>
<b>Pentacon</b>	<a href="http://www.pentacon.de">www.pentacon.de</a>
<b>Perceptron</b>	<a href="http://www.perceptron.com">www.perceptron.com</a>
<b>PerkinElmer Optoelectronics</b>	<a href="http://www.perkinelmer.com">www.perkinelmer.com</a>
<b>Phaer</b>	<a href="http://www.phaer.be">www.phaer.be</a>
<b>Phynix</b>	<a href="http://www.phynix.de">www.phynix.de</a>
<b>Pi4_robotics</b>	<a href="http://www.pi4.de">www.pi4.de</a>
<b>Plasmo Industrietechnik</b>	<a href="http://www.plasmo.eu">www.plasmo.eu</a>

<b>Polygon</b>	<a href="http://www.polygon-technology.de">www.polygon-technology.de</a>
<b>Polytec</b>	<a href="http://www.polytec.de/bv">www.polytec.de/bv</a>
<b>Precitec Optronik</b>	<a href="http://www.precitec-optronik.de">www.precitec-optronik.de</a>
<b>Premosys</b>	<a href="http://www.premosys.com">www.premosys.com</a>
<b>Princeton Instruments</b>	<a href="http://www.princetoninstruments.com">www.princetoninstruments.com</a>
<b>Proxitronic</b>	<a href="http://www.proxitronic.com">www.proxitronic.com</a>
<b>Quest Innovations</b>	<a href="http://www.quest-innovations.com">www.quest-innovations.com</a>
<b>Raytek</b>	<a href="http://www.raytek.de">www.raytek.de</a>
<b>Rheintacho Messtechnik</b>	<a href="http://www.rheintacho.com">www.rheintacho.com</a>
<b>Richard Wolf</b>	<a href="http://www.richard-wolf.com">www.richard-wolf.com</a>
<b>Roper Scientific</b>	<a href="http://www.roperscientific.de">www.roperscientific.de</a>
<b>Rudolph Technologies</b>	<a href="http://www.rudolphtech.com">www.rudolphtech.com</a>
<b>Schäfer Technologie</b>	<a href="http://www.schaefer-tec.com">www.schaefer-tec.com</a>
<b>Schäfer + Kirchhoff</b>	<a href="http://www.sukhamburg.de">www.sukhamburg.de</a>
<b>Sensor Instruments</b>	<a href="http://www.sensorinstruments.de">www.sensorinstruments.de</a>
<b>Sensors Unlimited</b>	<a href="http://www.sensorsinc.com">www.sensorsinc.com</a>
<b>SGM Schut</b>	<a href="http://www.schut.com">www.schut.com</a>
<b>Shape Drive</b>	<a href="http://www.shape-drive.com">www.shape-drive.com</a>
<b>Sick</b>	<a href="http://www.sick.com">www.sick.com</a>
<b>SIOS Meßtechnik</b>	<a href="http://www.sios.de">www.sios.de</a>
<b>SKS Vision Systems</b>	<a href="http://www.visionsystems.fi">www.visionsystems.fi</a>
<b>Soliton</b>	<a href="http://www.soliton-gmbh.de">www.soliton-gmbh.de</a>
<b>Specim Spectral Imaging</b>	<a href="http://www.specim.fi">www.specim.fi</a>
<b>Stiefelmayer</b>	<a href="http://www.stiefelmayer.de">www.stiefelmayer.de</a>
<b>STIL</b>	<a href="http://www.stilsa.com">www.stilsa.com</a>
<b>SynView</b>	<a href="http://www.synview.com">www.synview.com</a>

<b>Taylor Hobson</b>	<a href="http://www.taylor-hobson.com">www.taylor-hobson.com</a>
<b>Tec5</b>	<a href="http://www.tec5.com">www.tec5.com</a>
<b>TechnoTeam</b>	<a href="http://www.technoteam.de">www.technoteam.de</a>
<b>Tekno Optik</b>	<a href="http://www.teknooptik.se">www.teknooptik.se</a>
<b>Topometric</b>	<a href="http://www.topometric.net">www.topometric.net</a>
<b>Tordivel</b>	<a href="http://www.scorpionvision.com">www.scorpionvision.com</a>
<b>Ulis</b>	<a href="http://www.ulis-ir.com">www.ulis-ir.com</a>
<b>Vialux</b>	<a href="http://www.vialux.de">www.vialux.de</a>
<b>Videometer</b>	<a href="http://www.videometer.com">www.videometer.com</a>
<b>Visiolaser</b>	<a href="http://www.vannier-photelec.fr/visiolaser">www.vannier-photelec.fr/visiolaser</a>
<b>Vision Engineering</b>	<a href="http://www.visioneng.de">www.visioneng.de</a>
<b>Vision Machines</b>	<a href="http://www.vision-machines.com">www.vision-machines.com</a>
<b>ViZaar</b>	<a href="http://www.vizaar.de">www.vizaar.de</a>
<b>Volform</b>	<a href="http://www.volform.se">www.volform.se</a>
<b>Wente/Thiedig</b>	<a href="http://www.wente-thiedig.de">www.wente-thiedig.de</a>
<b>Werth Messtechnik</b>	<a href="http://www.werthmesstechnik.de">www.werthmesstechnik.de</a>
<b>Wild</b>	<a href="http://www.wild.at">www.wild.at</a>
<b>Xenics</b>	<a href="http://www.xenics.com">www.xenics.com</a>
<b>X-Rite</b>	<a href="http://www.xrite.com">www.xrite.com</a>
<b>Xylon International</b>	<a href="http://www.xylon.com">www.xylon.com</a>
<b>Z-Laser</b>	<a href="http://www.z-laser.com">www.z-laser.com</a>
<b>Zwick</b>	<a href="http://www.zwick.de">www.zwick.de</a>
<b>Zygo BU der Ametek Germany</b>	<a href="http://www.zygo.de">www.zygo.de</a>

# Optics

<b>Acal BFi Germany</b>	<a href="http://www.bfioptilas.com">www.bfioptilas.com</a>
<b>AHF Analysentechnik</b>	<a href="http://www.ahf.de">www.ahf.de</a>
<b>Allied Vision Technologies</b>	<a href="http://www.alliedvisiontec.com">www.alliedvisiontec.com</a>
<b>Alrad Imaging</b>	<a href="http://www.alrad.co.uk">www.alrad.co.uk</a>
<b>AMS Technologies</b>	<a href="http://www.amstechnologies.com">www.amstechnologies.com</a>
<b>Anteryon</b>	<a href="http://www.anteryon.com">www.anteryon.com</a>
<b>Armstrong Optical</b>	<a href="http://www.armstrongoptical.co.uk">www.armstrongoptical.co.uk</a>
<b>Azure Photonics</b>	<a href="http://www.azurephotonics.com">www.azurephotonics.com</a>

<b>B &amp; M Optik</b>	<a href="http://www.bm-optik.de">www.bm-optik.de</a>
<b>Basler</b>	<a href="http://www.baslerweb.com">www.baslerweb.com</a>
<b>Baumer</b>	<a href="http://www.baumer.com">www.baumer.com</a>
<b>Berliner Glas Gruppe</b>	<a href="http://www.berlinglas.com">www.berlinglas.com</a>
<b>Birger Engineering</b>	<a href="http://www.birger.com">www.birger.com</a>
<b>BK Interferenzoptik</b>	<a href="http://www.interferenzoptik.de">www.interferenzoptik.de</a>
<b>Bock Optronics</b>	<a href="http://www.bockoptronics.ca">www.bockoptronics.ca</a>
<b>Carl Zeiss IMT</b>	<a href="http://www.zeiss.de/messtechnik">www.zeiss.de/messtechnik</a>

<b>Carl Zeiss Microimaging</b>	<a href="http://www.zeiss.de/microscopy">www.zeiss.de/microscopy</a>
<b>Carl Zeiss</b>	<a href="http://www.zeiss.com/lenses4industry">www.zeiss.com/lenses4industry</a>
<b>CBC Deutschland</b>	<a href="http://www.cbc-de.com">www.cbc-de.com</a>
<b>China Daheng Group Inc.</b>	<a href="http://www.daheng-image.com">www.daheng-image.com</a>
<b>Collischon Optik-Design</b>	<a href="http://www.mikro-optik.de">www.mikro-optik.de</a>
<b>Cosyco</b>	<a href="http://www.cosyco.de">www.cosyco.de</a>
<b>Deposition Sciences</b>	<a href="http://www.depisci.com">www.depisci.com</a>
<b>Docter Optics</b>	<a href="http://www.docteroptics.com">www.docteroptics.com</a>
<b>Edmund Optics</b>	<a href="http://www.edmundoptics.de">www.edmundoptics.de</a>
<b>EHD imaging</b>	<a href="http://www.ehd.de">www.ehd.de</a>
<b>Eureca Messtechnik</b>	<a href="http://www.eureca.de">www.eureca.de</a>
<b>Fabrimex Systems</b>	<a href="http://www.fabrimex-systems.ch">www.fabrimex-systems.ch</a>
<b>FiberVision</b>	<a href="http://www.fibervision.de">www.fibervision.de</a>
<b>Finger</b>	<a href="http://www.finger-kg.de">www.finger-kg.de</a>
<b>Fisba Optik</b>	<a href="http://www.fisba.ch">www.fisba.ch</a>
<b>Flir Advanced Thermal Solutions</b>	<a href="http://www.flir.com/mv">www.flir.com/mv</a>
<b>Framos</b>	<a href="http://www.framos.eu">www.framos.eu</a>
<b>FRT Fries Research &amp; Technology</b>	<a href="http://www.frt-gmbh.com">www.frt-gmbh.com</a>
<b>Fujifilm</b>	<a href="http://www.fujifilm.eu">www.fujifilm.eu</a>
<b>G4 Technology</b>	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
<b>Goyo Optical</b>	<a href="http://www.gyooptical.com">www.gyooptical.com</a>
<b>Helmut Hund</b>	<a href="http://www.hund.de">www.hund.de</a>
<b>Holoeye Photonics</b>	<a href="http://www.holoeye.com">www.holoeye.com</a>
<b>IB/E Optics</b>	<a href="http://www.ibe-optics.com">www.ibe-optics.com</a>
<b>IDS</b>	<a href="http://www.ids-imaging.com">www.ids-imaging.com</a>
<b>Ifm Electronic</b>	<a href="http://www.ifm.com">www.ifm.com</a>
<b>iIM</b>	<a href="http://www.iimag.de">www.iimag.de</a>
<b>Image House</b>	<a href="http://www.imagehouse.dk">www.imagehouse.dk</a>
<b>Image S</b>	<a href="http://www.imagessrl.com">www.imagessrl.com</a>
<b>IMT</b>	<a href="http://www.imtag.ch">www.imtag.ch</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>
<b>Ircam</b>	<a href="http://www.ircam.de">www.ircam.de</a>
<b>IS Imaging Solutions</b>	<a href="http://www.imaging-solutions.de">www.imaging-solutions.de</a>
<b>ISVI</b>	<a href="http://www.isvi-corp.com">www.isvi-corp.com</a>
<b>Japan F.A. Systems</b>	<a href="http://www.jfas.co.jp">www.jfas.co.jp</a>
<b>Jenoptik</b>	<a href="http://www.jenoptik.de">www.jenoptik.de</a>
<b>Jos. Schneider Optische Werke</b>	<a href="http://www.schneiderkreuznach.com">www.schneiderkreuznach.com</a>
<b>Karlheinz Hinze Optoengineering</b>	<a href="http://www.hinze-opto.de">www.hinze-opto.de</a>
<b>KeeKoon Electronics</b>	<a href="http://www.keekoon.com">www.keekoon.com</a>
<b>Keyence</b>	<a href="http://www.keyence.de">www.keyence.de</a>
<b>Kowa Europe</b>	<a href="http://www.kowa.eu">www.kowa.eu</a>
<b>Kvant</b>	<a href="http://www.kvant.sk">www.kvant.sk</a>

<b>Lambda Photometrics</b>	<a href="http://www.lambdaphoto.co.uk">www.lambdaphoto.co.uk</a>
<b>Laser 2000</b>	<a href="http://www.laser2000.de">www.laser2000.de</a>
<b>Laser Components</b>	<a href="http://www.lasercomponents.com">www.lasercomponents.com</a>
<b>Leading-Tech Laser</b>	<a href="http://www.leading-techlaser.com">www.leading-techlaser.com</a>
<b>Lensation</b>	<a href="http://www.lensation.de">www.lensation.de</a>
<b>Leoni</b>	<a href="http://www.leoni-fiber-optics.com">www.leoni-fiber-optics.com</a>
<b>Lincoln Laser Company</b>	<a href="http://www.lincolnlaser.com">www.lincolnlaser.com</a>
<b>LMI Technologies</b>	<a href="http://www.lmi3d.com">www.lmi3d.com</a>
<b>LOT Quantum Design</b>	<a href="http://http://lot-qd.de">http://lot-qd.de</a>
<b>Lucid Vision Labs</b>	<a href="http://www.thinklucid.com">www.thinklucid.com</a>
<b>Luster LightVision Tech</b>	<a href="http://www.lusterinc.com">www.lusterinc.com</a>
<b>Matrix Vision</b>	<a href="http://www.matrix-vision.de">www.matrix-vision.de</a>
<b>MaxxVision</b>	<a href="http://www.maxxvision.com">www.maxxvision.com</a>
<b>Menzel Vision and Robotics</b>	<a href="http://www.menzelab.com">www.menzelab.com</a>
<b>Meuser Optik</b>	<a href="http://www.meuser-optik.com">www.meuser-optik.com</a>
<b>MG Optical Solutions</b>	<a href="http://www.mgopticalsolutions.com">www.mgopticalsolutions.com</a>
<b>Micos</b>	<a href="http://www.micos.ws">www.micos.ws</a>
<b>Micro-Epsilon</b>	<a href="http://www.eltrotec.com">www.eltrotec.com</a>
<b>Microsystems</b>	<a href="http://www.microsystems.it">www.microsystems.it</a>
<b>Midwest Optical Systems</b>	<a href="http://www.midopt.com">www.midopt.com</a>
<b>Moeller-Wedel Optical</b>	<a href="http://www.moeller-wedel-optical.com">www.moeller-wedel-optical.com</a>
<b>Molenaar Optics</b>	<a href="http://www.molenaar-optics.com">www.molenaar-optics.com</a>
<b>Moritex</b>	<a href="http://www.moritex.com">www.moritex.com</a>
<b>MsiVision</b>	<a href="http://www.msivision.com">www.msivision.com</a>
<b>Myutron</b>	<a href="http://www.myutron.com">www.myutron.com</a>
<b>Nacacue</b>	<a href="http://www.nacacue.com">www.nacacue.com</a>
<b>Navitar</b>	<a href="http://www.navitar.com">www.navitar.com</a>
<b>NET</b>	<a href="http://www.net-gmbh.com">www.net-gmbh.com</a>
<b>NeuPro Solutions</b>	<a href="http://www.neupro-solutions.com">www.neupro-solutions.com</a>
<b>Notavis</b>	<a href="http://www.notavis.com">www.notavis.com</a>
<b>Odem Technologies</b>	<a href="http://www.odem.co.il">www.odem.co.il</a>
<b>Olympus</b>	<a href="http://www.olympus-europa.com">www.olympus-europa.com</a>
<b>Omron</b>	<a href="http://www.industrial.omron.de">www.industrial.omron.de</a>
<b>Optec</b>	<a href="http://www.optec.eu">www.optec.eu</a>
<b>Optics Balzers</b>	<a href="http://www.opticsbalzers.com">www.opticsbalzers.com</a>
<b>Opto</b>	<a href="http://www.opto.de">www.opto.de</a>
<b>Opto Engineering</b>	<a href="http://www.opto-engineering.com">www.opto-engineering.com</a>
<b>Opto Precision</b>	<a href="http://www.optoprecision.de">www.optoprecision.de</a>
<b>Optometron</b>	<a href="http://www.optometron.de">www.optometron.de</a>
<b>Orbis</b>	<a href="http://www.orbis.eu">www.orbis.eu</a>
<b>Parameter</b>	<a href="http://www.parameter.se">www.parameter.se</a>
<b>Phaer</b>	<a href="http://www.phaer.be">www.phaer.be</a>

Photonic Products	www.photonic-products.com
Pi4_robotics	www.pi4.de
POG Präzisionsoptik Gera	www.pog.eu
Polytec	www.polytec.de/bv
Profactor	www.profactor.at
Qioptiq	www.qioptiq.de
Qualimatest	www.qmt.ch
Rauscher	www.rauscher.de
Resolve Optics	www.resolveoptics.com
RH Engineering	www.rhengineering.de
Ricoh International B.V. - German Branch	www.ricoh-iosd.eu
Schael-Optik	www.schael-optik.de
Schäfter + Kirchoff	www.sukhamburg.de
Schmachtl	www.schmachtl.at
Schott Lighting and Imaging	www.schott.com
Second2None	www.visiondragon.com
Sedeco Vision Components	www.sedeco.nl
Seiwa Optical	www.seiwaopt.co.jp
Sill Optics	www.silloptics.de
Space	www.spacecom.co.jp
Spectros	www.spectros.ch
Spectrum Illumination	www.spectrumillumination.com
Stemmer Imaging	www.stemmer-imaging.com
STZ Qualitätssicherung und Bildverarbeitung	www.stz-ilmenau.de

Sugitoh	www.sugitoh.jp
Sunex	www.sunex.com
SVS Vistek	www.svs-vistek.com
Sydor Optics	www.sydor.com
Symco	www.symco.co.jp
Tamron	www.tamron.de
Tekno Optik	www.teknooptik.se
Tekstar Optical	www.tekstaroptical.com
The Imaging Source	www.theimagingnsource.com
Thermosensorik	www.thermosensorik.de
Vega Technology Group	www.vegatcgroup.com
Videology Imaging Solutions	www.videologyinc.com
Videor Technical	www.videor.com
Vision & Control	www.vision-control.com
Vision Engineering	www.visioneng.de
Vision Light Tech	www.visionlighttech.com
Visitool	www.visitool.de
Volpi	www.volpi.ch
VS Technology	www.vst.co.jp
Weiss Imaging and Solutions	www.weiss-imaging.de
ZygoLOT	www.zygot.de

# Processors, Interfaces, Cables, Peripherals

ABS	www.abs-jena.de
Active Silicon	www.activesilicon.com
Adaptive Vision	www.adaptive-vision.com
Adlink	www.adlinktech.eu
Aerotech	www.aerotech.com
Allied Vision Technologies	www.alliedvisiontec.com
Alysium-Tech	www.alysium-tech.com
AMS Technologies	www.amstechnologies.com

Andon Electronics	www.andonelect.com
Arvoo Imaging Products	www.arvoo.com
AutoVimation	www.autovimation.com
BAP Image Systems	www.bapimgsys.com
Baumer	www.baumer.com
Bock Optronics	www.bockoptronics.ca
Components Express	www.componentsexpress.com
D.SignT	www.dsignt.de

<b>De Man Industrie-Automation</b>	<a href="http://www.deman.de">www.deman.de</a>
<b>EDT</b>	<a href="http://www.edt.com">www.edt.com</a>
<b>Eltec Elektronik</b>	<a href="http://www.eltec.com">www.eltec.com</a>
<b>Epix</b>	<a href="http://www.epixinc.com">www.epixinc.com</a>
<b>Ernst &amp; Engbring</b>	<a href="http://www.eue-kabel.de">www.eue-kabel.de</a>
<b>Evision Systems</b>	<a href="http://www.evision-systems.de">www.evision-systems.de</a>
<b>Fabrimex Systems</b>	<a href="http://www.fabrimex-systems.ch">www.fabrimex-systems.ch</a>
<b>FiberVision</b>	<a href="http://www.fibervision.de">www.fibervision.de</a>
<b>Framos</b>	<a href="http://www.framos.eu">www.framos.eu</a>
<b>G4 Technology</b>	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
<b>Gidel</b>	<a href="http://www.gidel.com">www.gidel.com</a>
<b>GigaLinx</b>	<a href="http://www.gigalinx.net">www.gigalinx.net</a>
<b>HaSoTec</b>	<a href="http://www.hasotec.com">www.hasotec.com</a>
<b>Hema</b>	<a href="http://www.hema.de">www.hema.de</a>
<b>Hirakawa Hewtech</b>	<a href="http://www.hewtech.co.jp">www.hewtech.co.jp</a>
<b>IDS</b>	<a href="http://www.ids-imaging.com">www.ids-imaging.com</a>
<b>Igus</b>	<a href="http://www.igus.de">www.igus.de</a>
<b>Image House</b>	<a href="http://www.imagehouse.dk">www.imagehouse.dk</a>
<b>Image S</b>	<a href="http://www.imagesrl.com">www.imagesrl.com</a>
<b>Imaging Solutions Group</b>	<a href="http://www.isgcameras.com">www.isgcameras.com</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>
<b>Intercon1</b>	<a href="http://www.intercon-1.com">www.intercon-1.com</a>
<b>JAI</b>	<a href="http://www.jai.com">www.jai.com</a>
<b>Japan F.A. Systems Corporation</b>	<a href="http://www.jfas.co.jp">www.jfas.co.jp</a>
<b>Lemo</b>	<a href="http://www.lemo.com">www.lemo.com</a>
<b>Leoni</b>	<a href="http://www.leoni-fiber-optics.com">www.leoni-fiber-optics.com</a>
<b>LMI Technologies</b>	<a href="http://www.lmi3d.com">www.lmi3d.com</a>
<b>Lucid Vision Labs</b>	<a href="http://www.thinklucid.com">www.thinklucid.com</a>
<b>Luster LightVision Tech</b>	<a href="http://www.lusterinc.com">www.lusterinc.com</a>
<b>Mad City Labs</b>	<a href="http://www.madcitylabs.com">www.madcitylabs.com</a>
<b>Matrix Vision</b>	<a href="http://www.matrix-vision.de">www.matrix-vision.de</a>
<b>Matrox Imaging</b>	<a href="http://www.matrox.com/imaging">www.matrox.com/imaging</a>
<b>MaxxVision</b>	<a href="http://www.maxxvision.com">www.maxxvision.com</a>
<b>MaZet</b>	<a href="http://www.mazet.de">www.mazet.de</a>
<b>Menzel Vision and Robotics</b>	<a href="http://www.menzelab.com">www.menzelab.com</a>
<b>Micro-Epsilon</b>	<a href="http://www.eltrotec.com">www.eltrotec.com</a>
<b>Micron</b>	<a href="http://www.micron.com">www.micron.com</a>
<b>Microsystems</b>	<a href="http://www.microsystems.it">www.microsystems.it</a>
<b>Mikrotron</b>	<a href="http://www.mikrotron.de">www.mikrotron.de</a>
<b>Nacacue</b>	<a href="http://www.nacacue.com">www.nacacue.com</a>
<b>NET New Electronic Technology</b>	<a href="http://www.net-gmbh.com">www.net-gmbh.com</a>
<b>Newnex Technology</b>	<a href="http://www.newnex.com">www.newnex.com</a>

<b>Northwire Technical Cable</b>	<a href="http://www.northwire.com">www.northwire.com</a>
<b>Orbis</b>	<a href="http://www.orbis.eu">www.orbis.eu</a>
<b>Parameter</b>	<a href="http://www.parameter.se">www.parameter.se</a>
<b>Phaer</b>	<a href="http://www.phaer.be">www.phaer.be</a>
<b>Phytec Messtechnik</b>	<a href="http://www.phytec.de">www.phytec.de</a>
<b>Pi4_robotics</b>	<a href="http://www.pi4.de">www.pi4.de</a>
<b>Pleora Technologies</b>	<a href="http://www.pleora.com">www.pleora.com</a>
<b>Pro Design Electronic</b>	<a href="http://www.prodesign-europe.com">www.prodesign-europe.com</a>
<b>Schäfter+Kirchhoff</b>	<a href="http://www.sukhamburg.de">www.sukhamburg.de</a>
<b>Schmachtl</b>	<a href="http://www.schmachtl.at">www.schmachtl.at</a>
<b>Seidenader</b>	<a href="http://www.seidenader.de">www.seidenader.de</a>
<b>Serview</b>	<a href="http://www.serview.net">www.serview.net</a>
<b>Sglux</b>	<a href="http://www.sglux.com">www.sglux.com</a>
<b>Silicon Software</b>	<a href="http://www.silicon-software.de">www.silicon-software.de</a>
<b>Stemmer Imaging</b>	<a href="http://www.stemmer-imaging.com">www.stemmer-imaging.com</a>
<b>STZ Qualitätssicherung und Bildverarbeitung</b>	<a href="http://www.stz-ilmeneau.de">www.stz-ilmeneau.de</a>
<b>Supercomputing Systems</b>	<a href="http://www.scs-vision.ch">www.scs-vision.ch</a>
<b>SVS Vistek</b>	<a href="http://www.svs-vistek.com">www.svs-vistek.com</a>
<b>Symco</b>	<a href="http://www.symco.co.jp">www.symco.co.jp</a>
<b>Teledyne Dalsa</b>	<a href="http://www.teledynedalsa.com">www.teledynedalsa.com</a>
<b>The Imaging Source</b>	<a href="http://www.theimagingnsources.com">www.theimagingnsources.com</a>
<b>Thinklogical</b>	<a href="http://www.thinklogical.com">www.thinklogical.com</a>
<b>Unibrain</b>	<a href="http://www.unibrain.com">www.unibrain.com</a>
<b>USBFireWire</b>	<a href="http://www.usbfirewire.com">www.usbfirewire.com</a>
<b>Vidisys</b>	<a href="http://www.vidisys.de">www.vidisys.de</a>
<b>Vision &amp; Control</b>	<a href="http://www.vision-control.com">www.vision-control.com</a>
<b>Vision Tools</b>	<a href="http://www.vision-tools.com">www.vision-tools.com</a>
<b>Vistas</b>	<a href="http://www.vistas-gmbh.de">www.vistas-gmbh.de</a>
<b>WIR Electronic</b>	<a href="http://www.wir-electronic.de">www.wir-electronic.de</a>
<b>Xilinx</b>	<a href="http://www.xilinx.com">www.xilinx.com</a>
<b>Ximea</b>	<a href="http://www.ximea.com">www.ximea.com</a>

# R&D

<b>Acal BFi Germany</b>	<a href="http://www.bfiophtilas.com">www.bfiophtilas.com</a>
<b>Alfvision</b>	<a href="http://www.alfvision.de">www.alfvision.de</a>
<b>Alicona Imaging</b>	<a href="http://www.alicon.com">www.alicon.com</a>
<b>Anafocus</b>	<a href="http://www.anafocus.com">www.anafocus.com</a>
<b>Austrian Institute of Technology</b>	<a href="http://www.ait.ac.at">www.ait.ac.at</a>
<b>AutoVimation</b>	<a href="http://www.autovimation.com">www.autovimation.com</a>
<b>Cmos Vision</b>	<a href="http://www.cmosvision.com">www.cmosvision.com</a>
<b>Cognex</b>	<a href="http://www.cognex.com">www.cognex.com</a>
<b>Collischon Optik-Design</b>	<a href="http://www.mikro-optik.de">www.mikro-optik.de</a>
<b>Creaform Deutschland</b>	<a href="http://www.creaform3d.com">www.creaform3d.com</a>
<b>CSEM</b>	<a href="http://www.csem.ch">www.csem.ch</a>
<b>CTR Carinthian Tech Research</b>	<a href="http://www.ctr.at">www.ctr.at</a>
<b>Cypress Semiconductor</b>	<a href="http://www.cypress.com">www.cypress.com</a>
<b>De Man Industrie-Automation</b>	<a href="http://www.deman.de">www.deman.de</a>
<b>Department of Mechanical and Industrial Engineering (DIMI) of the University of Brescia</b>	<a href="https://en.unibs.it/departments/mechanical-and-industrial-engineering">https://en.unibs.it/departments/mechanical-and-industrial-engineering</a>
<b>Docter Optics</b>	<a href="http://www.docteroptics.com">www.docteroptics.com</a>
<b>Eltec Elektronik</b>	<a href="http://www.eltec.com">www.eltec.com</a>
<b>Entner Electronics</b>	<a href="http://www.entner-electronics.com">www.entner-electronics.com</a>
<b>Erhard + Leimer</b>	<a href="http://www.erhardt-leimer.com">www.erhardt-leimer.com</a>
<b>FiberVision</b>	<a href="http://www.fibervision.de">www.fibervision.de</a>
<b>Flir Advanced Thermal Solutions</b>	<a href="http://www.flir.com">www.flir.com</a>
<b>Fraunhofer Allianz Vision</b>	<a href="http://www.vision.fraunhofer.de">www.vision.fraunhofer.de</a>
<b>Fraunhofer IMS</b>	<a href="http://www.ims.fraunhofer.de">www.ims.fraunhofer.de</a>
<b>FRT Fries Research &amp; Technology</b>	<a href="http://www.frt-gmbh.com">www.frt-gmbh.com</a>
<b>Gesellschaft für Bild- und Signalverarbeitung</b>	<a href="http://www.gbs-ilmenau.de">www.gbs-ilmenau.de</a>
<b>Gevicam</b>	<a href="http://www.gevicam.com">www.gevicam.com</a>
<b>GFai</b>	<a href="http://www.gfai.de">www.gfai.de</a>
<b>HaSoTec</b>	<a href="http://www.hasotec.com">www.hasotec.com</a>
<b>HCI at IWR Heidelberg University</b>	<a href="http://hciweb.iwr.uni-heidelberg.de">hciweb.iwr.uni-heidelberg.de</a>
<b>Helion</b>	<a href="http://www.helionvision.com">www.helionvision.com</a>
<b>Ideko</b>	<a href="http://www.ideko.es">www.ideko.es</a>
<b>IDS</b>	<a href="http://www.ids-imaging.com">www.ids-imaging.com</a>
<b>Imaging Lab</b>	<a href="http://www.imaginglab.it">www.imaginglab.it</a>
<b>Impuls</b>	<a href="http://www.impuls-imaging.com">www.impuls-imaging.com</a>
<b>IMS Chips</b>	<a href="http://www.ims-chips.de">www.ims-chips.de</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>
<b>Isomorph</b>	<a href="http://www.isomorph.it">www.isomorph.it</a>
<b>Joanneum Research</b>	<a href="http://www.joanneum.at">www.joanneum.at</a>
<b>Jos. Schneider Optische Werke</b>	<a href="http://www.schneiderkreuznach.com">www.schneiderkreuznach.com</a>
<b>Kamera Werke Dresden</b>	<a href="http://www.kwdo.de">www.kwdo.de</a>

<b>Kappa opto-electronics</b>	<a href="http://www.kappa.de">www.kappa.de</a>
<b>Lincoln Laser Company</b>	<a href="http://www.lincolnlaser.com">www.lincolnlaser.com</a>
<b>LMI Technologies</b>	<a href="http://www.lmi3d.com">www.lmi3d.com</a>
<b>Matrix Vision</b>	<a href="http://www.matrix-vision.de">www.matrix-vision.de</a>
<b>Mazet</b>	<a href="http://www.mazet.de">www.mazet.de</a>
<b>Micro-Epsilon</b>	<a href="http://www.eltrotec.com">www.eltrotec.com</a>
<b>Mikromak Service</b>	<a href="http://www.mikromak.com">www.mikromak.com</a>
<b>MsiVision</b>	<a href="http://www.msivision.com">www.msivision.com</a>
<b>Norpix</b>	<a href="http://www.norpix.com">www.norpix.com</a>
<b>Opto</b>	<a href="http://www.opto.de">www.opto.de</a>
<b>Panavision Imaging</b>	<a href="http://www.panavisionimaging.com">www.panavisionimaging.com</a>
<b>PCO</b>	<a href="http://www.pco.de">www.pco.de</a>
<b>Photonfocus</b>	<a href="http://www.photonfocus.com">www.photonfocus.com</a>
<b>Phytec Messtechnik</b>	<a href="http://www.phytec.de">www.phytec.de</a>
<b>Pi4_robotics</b>	<a href="http://www.pi4.de">www.pi4.de</a>
<b>Profactor</b>	<a href="http://www.profactor.at">www.profactor.at</a>
<b>Schäfter + Kirchoff</b>	<a href="http://www.sukhamburg.de">www.sukhamburg.de</a>
<b>Sensor to Image</b>	<a href="http://www.sensor-to-image.de">www.sensor-to-image.de</a>
<b>Smartsurv</b>	<a href="http://www.smartsurv.de">www.smartsurv.de</a>
<b>SPG Data 3D</b>	<a href="http://www.spgdata3d.com">www.spgdata3d.com</a>
<b>SPIE</b>	<a href="http://www.spieeurope.org">www.spieeurope.org</a>
<b>Stemmer Imaging</b>	<a href="http://www.stemmer-imaging.com">www.stemmer-imaging.com</a>
<b>STZ Qualitätssicherung und Bildverarbeitung</b>	<a href="http://www.stz-ilmenau.de">www.stz-ilmenau.de</a>
<b>Tecnia</b>	<a href="http://www.tecnialia.com">www.tecnialia.com</a>
<b>Tekno Optik</b>	<a href="http://www.teknooptik.se">www.teknooptik.se</a>
<b>Tema</b>	<a href="http://www.temavisio.com">www.temavisio.com</a>
<b>Thermosensorik</b>	<a href="http://www.thermosensorik.de">www.thermosensorik.de</a>
<b>Tichawa Vision</b>	<a href="http://www.tichawa.de">www.tichawa.de</a>
<b>Tordivel</b>	<a href="http://www.scorpionvision.com">www.scorpionvision.com</a>
<b>University of Applied Sciences of the Grisons Chur – FHGR</b>	<a href="http://www.fhgr.ch">www.fhgr.ch</a>
<b>Univision</b>	<a href="http://www.univision.it">www.univision.it</a>
<b>Vega Technology Group</b>	<a href="http://www.vegatcgroup.com">www.vegatcgroup.com</a>
<b>Vicomtech</b>	<a href="http://www.vicomtech.org">www.vicomtech.org</a>
<b>Vision &amp; Control</b>	<a href="http://www.vision-control.com">www.vision-control.com</a>
<b>Vision Machines</b>	<a href="http://www.vision-machines.com">www.vision-machines.com</a>
<b>Vision Tools</b>	<a href="http://www.vision-tools.com">www.vision-tools.com</a>
<b>V-Research</b>	<a href="http://www.v-research.at">www.v-research.at</a>
<b>Zertrox</b>	<a href="http://www.zertrox.de">www.zertrox.de</a>



# Software

<b>A&amp;B Software</b>	<a href="http://www.ab-soft.com">www.ab-soft.com</a>
<b>ABW</b>	<a href="http://www.abw-3d.de">www.abw-3d.de</a>
<b>Adaptive Vision</b>	<a href="http://www.adaptive-vision.com">www.adaptive-vision.com</a>
<b>Advantech Europe</b>	<a href="http://www.advantech.eu">www.advantech.eu</a>
<b>Alditech</b>	<a href="http://www.alditech.ru">www.alditech.ru</a>
<b>Alfvision</b>	<a href="http://www.alfvision.de">www.alfvision.de</a>
<b>Alicona Imaging</b>	<a href="http://www.alicon.com">www.alicon.com</a>
<b>Alliance Vision</b>	<a href="http://www.alliancevision.com">www.alliancevision.com</a>
<b>Alrad Imaging</b>	<a href="http://www.alrad.co.uk">www.alrad.co.uk</a>
<b>AMS Technologies</b>	<a href="http://www.amstechnologies.com">www.amstechnologies.com</a>
<b>Andor Technology</b>	<a href="http://www.andor.com">www.andor.com</a>
<b>AOS Technologies</b>	<a href="http://www.aostechnologies.com">www.aostechnologies.com</a>
<b>Applied Electro-Optics</b>	<a href="http://www.aeousa.com">www.aeousa.com</a>
<b>Artray</b>	<a href="http://www.artray.co.jp">www.artray.co.jp</a>
<b>Asentics</b>	<a href="http://www.asentics.de">www.asentics.de</a>
<b>Attentra</b>	<a href="http://www.attentra.de">www.attentra.de</a>
<b>Baumer</b>	<a href="http://www.baumer.com">www.baumer.com</a>
<b>Cimetrix</b>	<a href="http://www.cimetrix.com">www.cimetrix.com</a>
<b>Cognex</b>	<a href="http://www.cognex.com">www.cognex.com</a>
<b>Cosyco</b>	<a href="http://www.cosyco.de">www.cosyco.de</a>
<b>Datapixel</b>	<a href="http://www.datapixel.com">www.datapixel.com</a>
<b>De Man Industrie-Automation</b>	<a href="http://www.deman.de">www.deman.de</a>
<b>Dhs Solutions</b>	<a href="http://www.dhssolution.com">www.dhssolution.com</a>
<b>Digital Surf</b>	<a href="http://www.digitalsurf.com">www.digitalsurf.com</a>
<b>Duwe 3D</b>	<a href="http://www.duwe-3d.de">www.duwe-3d.de</a>
<b>Dynalog</b>	<a href="http://www.dynalog-us.com">www.dynalog-us.com</a>
<b>Ebs Automatisierte Thermographie und Systemtechnik</b>	<a href="http://www.irpod.net">www.irpod.net</a>
<b>EHD Imaging</b>	<a href="http://www.ehd.de">www.ehd.de</a>
<b>Eltec Elektronik</b>	<a href="http://www.eltec.com">www.eltec.com</a>
<b>Energid</b>	<a href="http://www.energid.com">www.energid.com</a>
<b>Epix</b>	<a href="http://www.epixinc.com">www.epixinc.com</a>
<b>Erhard + Leimer</b>	<a href="http://www.erhardt-leimer.com">www.erhardt-leimer.com</a>
<b>Euresys</b>	<a href="http://www.euresys.com">www.euresys.com</a>
<b>EVT Eye Vision Technology</b>	<a href="http://www.evt-web.com">www.evt-web.com</a>
<b>Fabrimex Systems</b>	<a href="http://www.fabrimex-systems.ch">www.fabrimex-systems.ch</a>
<b>Fast</b>	<a href="http://www.fast-corp.co.jp">www.fast-corp.co.jp</a>
<b>FDS Research</b>	<a href="http://www.fdsresearch.si">www.fdsresearch.si</a>
<b>FiberVision</b>	<a href="http://www.fibervision.de">www.fibervision.de</a>
<b>Flir Advanced Thermal Solutions</b>	<a href="http://www.flir.com">www.flir.com</a>
<b>Framos</b>	<a href="http://www.framos.eu">www.framos.eu</a>

<b>FSI Technologies</b>	<a href="http://www.fsinet.com">www.fsinet.com</a>
<b>G4 Technology</b>	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
<b>Gefasoft</b>	<a href="http://www.gefasoft.com">www.gefasoft.com</a>
<b>Geomagic</b>	<a href="http://www.geomagic.com">www.geomagic.com</a>
<b>Gesellschaft für Bild- und Signalverarbeitung</b>	<a href="http://www.gbs-ilmenau.de">www.gbs-ilmenau.de</a>
<b>Gevicam</b>	<a href="http://www.gevicam.com">www.gevicam.com</a>
<b>Goldlücke Ingenieurleistungen</b>	<a href="http://www.giib.de">www.giib.de</a>
<b>Hasotec</b>	<a href="http://www.hasotec.com">www.hasotec.com</a>
<b>Hexagon Manufacturing Intelligence</b>	<a href="http://www.hexagonmi.com">www.hexagonmi.com</a>
<b>IB/E Optics</b>	<a href="http://www.ibe-optics.com">www.ibe-optics.com</a>
<b>IDS</b>	<a href="http://www.ids-imaging.com">www.ids-imaging.com</a>
<b>iiM</b>	<a href="http://www.iimag.de">www.iimag.de</a>
<b>Image House</b>	<a href="http://www.imagehouse.dk">www.imagehouse.dk</a>
<b>Image S</b>	<a href="http://www.imagesrl.com">www.imagesrl.com</a>
<b>Imagic</b>	<a href="http://www.imagic-imaging.com">www.imagic-imaging.com</a>
<b>Imaging Lab</b>	<a href="http://www.imaginglab.it">www.imaginglab.it</a>
<b>Impuls</b>	<a href="http://www.impuls-imaging.com">www.impuls-imaging.com</a>
<b>INB Vision</b>	<a href="http://www.inb-vision.com">www.inb-vision.com</a>
<b>Industrial Vision Systems</b>	<a href="http://www.industrialvision.co.uk">www.industrialvision.co.uk</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>
<b>Innomiles International</b>	<a href="http://www.innomiles.com">www.innomiles.com</a>
<b>Inray Solutions</b>	<a href="http://www.inrays.com">www.inrays.com</a>
<b>In-situ</b>	<a href="http://www.in-situ.de">www.in-situ.de</a>
<b>Ircam</b>	<a href="http://www.ircam.de">www.ircam.de</a>
<b>IS Imaging Solutions</b>	<a href="http://www.imaging-solutions.de">www.imaging-solutions.de</a>
<b>Isomorph</b>	<a href="http://www.isomorph.it">www.isomorph.it</a>
<b>Isra Vision</b>	<a href="http://www.isravis.com">www.isravis.com</a>
<b>IVS</b>	<a href="http://www.industrialvision.co.uk">www.industrialvision.co.uk</a>
<b>JAI</b>	<a href="http://www.jai.com">www.jai.com</a>
<b>Japan F.A. Systems</b>	<a href="http://www.jfas.co.jp">www.jfas.co.jp</a>
<b>Joanneum Research</b>	<a href="http://www.joanneum.at">www.joanneum.at</a>
<b>Kappa opto-electronics</b>	<a href="http://www.kappa.de">www.kappa.de</a>
<b>Karlheinz Hinze Optoengineering</b>	<a href="http://www.hinze-opto.de">www.hinze-opto.de</a>
<b>Klughammer</b>	<a href="http://www.klughammer.de">www.klughammer.de</a>
<b>Kortiq</b>	<a href="http://www.kortiq.com">www.kortiq.com</a>
<b>Kvant</b>	<a href="http://www.kvant.sk">www.kvant.sk</a>
<b>Lambda Photometrics</b>	<a href="http://www.lambdaphoto.co.uk">www.lambdaphoto.co.uk</a>
<b>Lambda Research</b>	<a href="http://www.lambdares.com">www.lambdares.com</a>
<b>Leica Microsystems</b>	<a href="http://www.leica-microsystems.com">www.leica-microsystems.com</a>
<b>Leutron Vision</b>	<a href="http://www.leutron.com">www.leutron.com</a>

<b>LMI Technologies</b>	<a href="http://www.lmi3d.com">www.lmi3d.com</a>
<b>Luster Lightvision Tech</b>	<a href="http://www.lusterinc.com">www.lusterinc.com</a>
<b>Math &amp; Tech Engineering</b>	<a href="http://www.mathtech.eu">www.mathtech.eu</a>
<b>Matrix Vision</b>	<a href="http://www.matrix-vision.de">www.matrix-vision.de</a>
<b>Matrox Imaging</b>	<a href="http://www.matrox.com/imaging">www.matrox.com/imaging</a>
<b>MaxxVision</b>	<a href="http://www.maxxvision.com">www.maxxvision.com</a>
<b>Menzel Vision and Robotics</b>	<a href="http://www.menzelab.com">www.menzelab.com</a>
<b>Merz freeform.technologies</b>	<a href="http://www.merz-technologies.com">www.merz-technologies.com</a>
<b>Mettler Toledo Product Inspection</b>	<a href="http://www.mt.com">www.mt.com</a>
<b>Micro Epsilon</b>	<a href="http://www.micro-epsilon.com">www.micro-epsilon.com</a>
<b>Microsystems</b>	<a href="http://www.microsystems.it">www.microsystems.it</a>
<b>Mikromak Service</b>	<a href="http://www.mikromak.com">www.mikromak.com</a>
<b>Mitutoyo</b>	<a href="http://www.mitutoyo.de">www.mitutoyo.de</a>
<b>Msivision</b>	<a href="http://www.msivision.com">www.msivision.com</a>
<b>MVTec Software</b>	<a href="http://www.mvtec.com">www.mvtec.com</a>
<b>National Instruments</b>	<a href="http://www.ni.com">www.ni.com</a>
<b>Neogramm</b>	<a href="http://www.neogramm.de">www.neogramm.de</a>
<b>NET New Electronic Technology</b>	<a href="http://www.net-gmbh.com">www.net-gmbh.com</a>
<b>Neurocheck</b>	<a href="http://www.neurocheck.com">www.neurocheck.com</a>
<b>Norpix</b>	<a href="http://www.norpix.com">www.norpix.com</a>
<b>Notavis</b>	<a href="http://www.notavis.com">www.notavis.com</a>
<b>Odem Technologies</b>	<a href="http://www.odem.co.il">www.odem.co.il</a>
<b>Olympus</b>	<a href="http://www.olympus-europa.com">www.olympus-europa.com</a>
<b>Omron Microscan Systems</b>	<a href="http://www.microscan.com">www.microscan.com</a>
<b>Omron</b>	<a href="http://www.industrial.omron.de">www.industrial.omron.de</a>
<b>Optical Research Associates</b>	<a href="http://www.opticalres.com">www.opticalres.com</a>
<b>Optis</b>	<a href="http://www.optis-world.com">www.optis-world.com</a>
<b>Opto</b>	<a href="http://www.opto.de">www.opto.de</a>
<b>Optometron</b>	<a href="http://www.optometron.de">www.optometron.de</a>
<b>Orbis</b>	<a href="http://www.orbis.eu">www.orbis.eu</a>
<b>Parameter</b>	<a href="http://www.parameter.se">www.parameter.se</a>
<b>Photonfocus</b>	<a href="http://www.photonfocus.com">www.photonfocus.com</a>
<b>Pi4_robotics</b>	<a href="http://www.pi4.de">www.pi4.de</a>
<b>Pleora Technologies</b>	<a href="http://www.pleora.com">www.pleora.com</a>
<b>Polytec</b>	<a href="http://www.polytec.de/bv">www.polytec.de/bv</a>
<b>Profactor</b>	<a href="http://www.profactor.at">www.profactor.at</a>
<b>Qualimatest</b>	<a href="http://www.qmt.ch">www.qmt.ch</a>
<b>Rapidform</b>	<a href="http://www.rapidform.com">www.rapidform.com</a>
<b>Rauscher</b>	<a href="http://www.rauscher.de">www.rauscher.de</a>
<b>RH Engineering</b>	<a href="http://www.rhengineering.de">www.rhengineering.de</a>
<b>Rubroeder</b>	<a href="http://www.rubroeder.de">www.rubroeder.de</a>
<b>SAC</b>	<a href="http://www.sac-vision.de">www.sac-vision.de</a>

<b>Schäfer+Kirchhoff</b>	<a href="http://www.sukhamburg.de">www.sukhamburg.de</a>
<b>Schmachtl</b>	<a href="http://www.schmachtl.at">www.schmachtl.at</a>
<b>Second2None</b>	<a href="http://www.visiondragon.com">www.visiondragon.com</a>
<b>Sedeco Vision Components</b>	<a href="http://www.sedeco.nl">www.sedeco.nl</a>
<b>SensorDesk</b>	<a href="http://www.sensordesk.com">www.sensordesk.com</a>
<b>Silicon Software</b>	<a href="http://www.silicon-software.de">www.silicon-software.de</a>
<b>Simon IBV</b>	<a href="http://www.simon-ibv.de">www.simon-ibv.de</a>
<b>SmartSurv</b>	<a href="http://www.smartsurv.de">www.smartsurv.de</a>
<b>SPG Data 3D</b>	<a href="http://www.spgdata3d.com">www.spgdata3d.com</a>
<b>Stemmer Imaging</b>	<a href="http://www.stemmer-imaging.com">www.stemmer-imaging.com</a>
<b>STZ Qualitätssicherung und Bildverarbeitung</b>	<a href="http://www.stz-ilmenu.de">www.stz-ilmenu.de</a>
<b>Sualab</b>	<a href="http://www.sualab.com">www.sualab.com</a>
<b>Supercomputing Systems</b>	<a href="http://www.scs-vision.ch">www.scs-vision.ch</a>
<b>SVS Vistek</b>	<a href="http://www.svs-vistek.com">www.svs-vistek.com</a>
<b>Symco</b>	<a href="http://www.symco.co.jp">www.symco.co.jp</a>
<b>Systematic Vision</b>	<a href="http://www.systematicvision.com">www.systematicvision.com</a>
<b>Tekno Optik</b>	<a href="http://www.teknooptik.se">www.teknooptik.se</a>
<b>Teledyne Dalsa</b>	<a href="http://www.teledynedalsa.com">www.teledynedalsa.com</a>
<b>Tema</b>	<a href="http://www.temavisio.com">www.temavisio.com</a>
<b>The Imaging Source</b>	<a href="http://www.theimagingnsources.com">www.theimagingnsources.com</a>
<b>The Mathworks</b>	<a href="http://www.mathworks.com">www.mathworks.com</a>
<b>Thermosensorik</b>	<a href="http://www.thermosensorik.de">www.thermosensorik.de</a>
<b>Tordivel</b>	<a href="http://www.scorpionvision.com">www.scorpionvision.com</a>
<b>Trivision</b>	<a href="http://www.trivision.dk">www.trivision.dk</a>
<b>TYZX</b>	<a href="http://www.tyzz.com">www.tyzz.com</a>
<b>Unique Vision</b>	<a href="http://www.unique-vision.net">www.unique-vision.net</a>
<b>Univision</b>	<a href="http://www.univision.it">www.univision.it</a>
<b>Van de Loosdrecht Machine Vision</b>	<a href="http://www.vdlmv.nl">www.vdlmv.nl</a>
<b>Vega Technology Group</b>	<a href="http://www.vegatcgroup.com">www.vegatcgroup.com</a>
<b>Visicontrol</b>	<a href="http://www.visicontrol.com">www.visicontrol.com</a>
<b>Visiolaser</b>	<a href="http://www.vannier-photelec.fr/visiolaser">www.vannier-photelec.fr/visiolaser</a>
<b>Vision &amp; Control</b>	<a href="http://www.vision-control.com">www.vision-control.com</a>
<b>Vision Components</b>	<a href="http://www.vision-components.com">www.vision-components.com</a>
<b>Vision Machines</b>	<a href="http://www.vision-machines.com">www.vision-machines.com</a>
<b>Vision Tools</b>	<a href="http://www.vision-tools.com">www.vision-tools.com</a>
<b>Visionlink</b>	<a href="http://www.visionlink.it">www.visionlink.it</a>
<b>Vitronic</b>	<a href="http://www.vitronic.com">www.vitronic.com</a>
<b>Vizzion</b>	<a href="http://www.vizzion.com">www.vizzion.com</a>
<b>Weiss Imaging and Solutions</b>	<a href="http://www.weiss-imaging.de">www.weiss-imaging.de</a>
<b>Wenzel</b>	<a href="http://www.wenzel-group.com">www.wenzel-group.com</a>
<b>X-Rite</b>	<a href="http://www.xrite.com">www.xrite.com</a>
<b>Zertrox</b>	<a href="http://www.zertrox.de">www.zertrox.de</a>

# Vision Sensors, Smart Cameras & Embedded Systems

<b>Acal BFi Germany</b>	<a href="http://www.bfioptilas.com">www.bfioptilas.com</a>
<b>Active Silicon</b>	<a href="http://www.activesilicon.com">www.activesilicon.com</a>
<b>Adaptive Vision</b>	<a href="http://www.adaptive-vision.com">www.adaptive-vision.com</a>
<b>Adlink</b>	<a href="http://www.adlinktech.eu">www.adlinktech.eu</a>
<b>Advantech Europe</b>	<a href="http://www.advantech.eu">www.advantech.eu</a>
<b>AIT Göhner</b>	<a href="http://www.visionandid.com">www.visionandid.com</a>
<b>Aku.automation</b>	<a href="http://www.aku.eu">www.aku.eu</a>
<b>Alfvision</b>	<a href="http://www.alfvision.de">www.alfvision.de</a>
<b>AMS Technologies</b>	<a href="http://www.amstechnologies.com">www.amstechnologies.com</a>
<b>Asentics</b>	<a href="http://www.asentics.de">www.asentics.de</a>
<b>Banner Engineering</b>	<a href="http://www.bannerengineering.com">www.bannerengineering.com</a>
<b>Basler Vision Technologies</b>	<a href="http://www.baslerweb.com">www.baslerweb.com</a>
<b>Baumer</b>	<a href="http://www.baumer.com">www.baumer.com</a>
<b>Camsensor Technologies</b>	<a href="http://www.camsensor.com">www.camsensor.com</a>
<b>Cmos Vision</b>	<a href="http://www.cmosvision.com">www.cmosvision.com</a>
<b>Cognex</b>	<a href="http://www.cognex.com">www.cognex.com</a>
<b>Compar</b>	<a href="http://www.compar.ch">www.compar.ch</a>
<b>Computer Dynamics</b>	<a href="http://www.cdynamics.com">www.cdynamics.com</a>
<b>Cosyco</b>	<a href="http://www.cosyco.de">www.cosyco.de</a>
<b>Cretec</b>	<a href="http://www.cretec.gmbh">www.cretec.gmbh</a>
<b>Datalogic</b>	<a href="http://www.datalogic.com">www.datalogic.com</a>
<b>De Man Industrie-Automation</b>	<a href="http://www.deman.de">www.deman.de</a>
<b>Si-soric</b>	<a href="http://www.di-soric.de">www.di-soric.de</a>
<b>Eltec Elektronik</b>	<a href="http://www.eltec.com">www.eltec.com</a>
<b>Erhard + Leimer</b>	<a href="http://www.erhardt-leimer.com">www.erhardt-leimer.com</a>
<b>EVT Eye Vision Technology</b>	<a href="http://www.evt-web.com">www.evt-web.com</a>
<b>Fabrimex Systems</b>	<a href="http://www.fabrimex-systems.ch">www.fabrimex-systems.ch</a>
<b>Fastvision</b>	<a href="http://www.fast-vision.com">www.fast-vision.com</a>
<b>Festo</b>	<a href="http://www.festo.com">www.festo.com</a>
<b>Fibervision</b>	<a href="http://www.fibervision.de">www.fibervision.de</a>
<b>Finger</b>	<a href="http://www.finger-kg.de">www.finger-kg.de</a>
<b>Flir Advanced Thermal Solutions</b>	<a href="http://www.flir.com">www.flir.com</a>
<b>Framos</b>	<a href="http://www.framos.com">www.framos.com</a>
<b>FSI Technologies</b>	<a href="http://www.fsinet.com">www.fsinet.com</a>
<b>G4 Technology</b>	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
<b>Hans Turck</b>	<a href="http://www.turck.com">www.turck.com</a>
<b>Hema</b>	<a href="http://www.hema.de">www.hema.de</a>
<b>Hexagon Manufacturing Intelligence</b>	<a href="http://www.hexagonmi.com">www.hexagonmi.com</a>
<b>IBN</b>	<a href="http://www.ibn-gmbh.de">www.ibn-gmbh.de</a>
<b>IDS Imaging Development Systems</b>	<a href="http://www.ids-imaging.com">www.ids-imaging.com</a>
<b>Ifm Electronic</b>	<a href="http://www.ifm.de">www.ifm.de</a>
<b>Image House</b>	<a href="http://www.imagehouse.dk">www.imagehouse.dk</a>

<b>Image S</b>	<a href="http://www.imagesrl.com">www.imagesrl.com</a>
<b>Imaging Solutions Group</b>	<a href="http://www.isgcameras.com">www.isgcameras.com</a>
<b>Imago Technologies</b>	<a href="http://www.imago-technologies.com">www.imago-technologies.com</a>
<b>Imagsa Technologies</b>	<a href="http://www.imagsa.com">www.imagsa.com</a>
<b>IMR Automatisierungstechnik</b>	<a href="http://www.imr-le.de">www.imr-le.de</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>
<b>IOS</b>	<a href="http://www.ios-web.de">www.ios-web.de</a>
<b>IOSS</b>	<a href="http://www.ioss.de">www.ioss.de</a>
<b>Ipf Electronic</b>	<a href="http://www.ipf-electronic.de">www.ipf-electronic.de</a>
<b>IS Imaging Solutions</b>	<a href="http://www.imaging-solutions.de">www.imaging-solutions.de</a>
<b>Isra Vision</b>	<a href="http://www.isravisoin.com">www.isravisoin.com</a>
<b>ISW</b>	<a href="http://www.isw-gmbh.biz">www.isw-gmbh.biz</a>
<b>Japan F.A. Systems Corporation</b>	<a href="http://www.jfas.co.jp">www.jfas.co.jp</a>
<b>K + P Krempien + Petersen</b>	<a href="http://www.kup-image.de">www.kup-image.de</a>
<b>Keyence</b>	<a href="http://www.keyence.de">www.keyence.de</a>
<b>Kontron</b>	<a href="http://www.kontron.com">www.kontron.com</a>
<b>Lambda Photometrics</b>	<a href="http://www.lambdaphoto.co.uk">www.lambdaphoto.co.uk</a>
<b>Leutron Vision</b>	<a href="http://www.leutron.com">www.leutron.com</a>
<b>Leuze Electronic</b>	<a href="http://www.leuze.com">www.leuze.com</a>
<b>LMI Technologies</b>	<a href="http://www.lmi3d.com">www.lmi3d.com</a>
<b>Lord Ingenierie</b>	<a href="http://www.lord-ing.com">www.lord-ing.com</a>
<b>Luster LightVision Tech</b>	<a href="http://www.lusterinc.com">www.lusterinc.com</a>
<b>Matrix Vision</b>	<a href="http://www.matrix-vision.de">www.matrix-vision.de</a>
<b>Matrox Imaging</b>	<a href="http://www.matrox.com/imaging">www.matrox.com/imaging</a>
<b>MaxxVision</b>	<a href="http://www.maxxvision.com">www.maxxvision.com</a>
<b>MaZet</b>	<a href="http://www.mazet.de">www.mazet.de</a>
<b>Menzel Vision and Robotics</b>	<a href="http://www.menzelab.com">www.menzelab.com</a>
<b>Micro Epsilon</b>	<a href="http://www.micro-epsilon.com">www.micro-epsilon.com</a>
<b>Microsystems</b>	<a href="http://www.microsystems.it">www.microsystems.it</a>
<b>Msvision</b>	<a href="http://www.msvision.com">www.msvision.com</a>
<b>National Instruments</b>	<a href="http://www.ni.com">www.ni.com</a>
<b>NET New Electronic Technology</b>	<a href="http://www.net-gmbh.com">www.net-gmbh.com</a>
<b>Neupro Solutions</b>	<a href="http://www.neupro-solutions.com">www.neupro-solutions.com</a>
<b>Neuricam</b>	<a href="http://www.neuricam.com">www.neuricam.com</a>
<b>Norpix</b>	<a href="http://www.norpix.com">www.norpix.com</a>
<b>Odem Technologies</b>	<a href="http://www.odem.co.il">www.odem.co.il</a>
<b>Omron Microscan Systems</b>	<a href="http://www.microscan.com">www.microscan.com</a>
<b>Omron</b>	<a href="http://www.industrial.omron.de">www.industrial.omron.de</a>
<b>Opto</b>	<a href="http://www.opto.de">www.opto.de</a>
<b>Optomotive</b>	<a href="http://www.optomotive.si">www.optomotive.si</a>
<b>Orbis</b>	<a href="http://www.orbis.eu">www.orbis.eu</a>
<b>Panasonic Electric Works</b>	<a href="http://www.panasonic-electric-works.de">www.panasonic-electric-works.de</a>

<b>Parameter</b>	<a href="http://www.parameter.se">www.parameter.se</a>
<b>Pepperl &amp; Fuchs</b>	<a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a>
<b>Peter Scholz Software + Engineering</b>	<a href="http://www.scholzsue.de">www.scholzsue.de</a>
<b>Phytec Messtechnik</b>	<a href="http://www.phytec.de">www.phytec.de</a>
<b>Pi4_robotics</b>	<a href="http://www.pi4.de">www.pi4.de</a>
<b>PMDTec</b>	<a href="http://www.pmdtec.com">www.pmdtec.com</a>
<b>Pollux</b>	<a href="http://www.pollux.com.br">www.pollux.com.br</a>
<b>Polytec</b>	<a href="http://www.polytec.de/bv">www.polytec.de/bv</a>
<b>PPT Vision</b>	<a href="http://www.pptvision.com">www.pptvision.com</a>
<b>Profactor</b>	<a href="http://www.profactor.at">www.profactor.at</a>
<b>Pulsotronic</b>	<a href="http://www.bildverarbeitung.pulsotronic.de">www.bildverarbeitung.pulsotronic.de</a>
<b>Qualimatest</b>	<a href="http://www.qmt.ch">www.qmt.ch</a>
<b>Rauscher</b>	<a href="http://www.rauscher.de">www.rauscher.de</a>
<b>RSB Optotechnik</b>	<a href="http://www.rsb-optotechnik.de">www.rsb-optotechnik.de</a>
<b>SAC</b>	<a href="http://www.sac-vision.de">www.sac-vision.de</a>
<b>Schäfter+Kirchhoff</b>	<a href="http://www.sukhamburg.de">www.sukhamburg.de</a>
<b>Schmachtl</b>	<a href="http://www.schmachtl.at">www.schmachtl.at</a>
<b>Schunk</b>	<a href="http://www.schunk.com">www.schunk.com</a>
<b>Scintacor</b>	<a href="http://www.scintacor.com">www.scintacor.com</a>
<b>Second2none</b>	<a href="http://www.visiondragon.com">www.visiondragon.com</a>
<b>Sedeco Vision Components</b>	<a href="http://www.sedeco.nl">www.sedeco.nl</a>
<b>Sensopart Industriesensorik</b>	<a href="http://www.sensopart.de">www.sensopart.de</a>
<b>Sensor to Image</b>	<a href="http://www.sensor-to-image.de">www.sensor-to-image.de</a>
<b>Shape Drive</b>	<a href="http://www.shape-drive.com">www.shape-drive.com</a>
<b>Sharp Microelectronics</b>	<a href="http://www.sharpsme.com">www.sharpsme.com</a>
<b>Sick</b>	<a href="http://www.sick.com">www.sick.com</a>
<b>Siemens</b>	<a href="http://www.siemens.de/simatic-sensors/mv">www.siemens.de/simatic-sensors/mv</a>
<b>SKS Vision Systems</b>	<a href="http://www.visionsystems.fi">www.visionsystems.fi</a>
<b>Smartek Vision</b>	<a href="http://www.smartekvision.com">www.smartekvision.com</a>
<b>Smartray</b>	<a href="http://www.smartray.de">www.smartray.de</a>
<b>Smartsurv</b>	<a href="http://www.smartsurv.de">www.smartsurv.de</a>
<b>Soliton Technologies</b>	<a href="http://www.solitontech.com">www.solitontech.com</a>
<b>Sony</b>	<a href="http://www.pro.sony.eu/vision">www.pro.sony.eu/vision</a>
<b>Stemmer Imaging</b>	<a href="http://www.stemmer-imaging.com">www.stemmer-imaging.com</a>
<b>Supercomputing Systems</b>	<a href="http://www.scs-vision.ch">www.scs-vision.ch</a>
<b>SVS Vistek</b>	<a href="http://www.svs-vistek.com">www.svs-vistek.com</a>
<b>Symco</b>	<a href="http://www.symco.co.jp">www.symco.co.jp</a>
<b>Tattile</b>	<a href="http://www.tattile.com">www.tattile.com</a>
<b>Tekno Optik</b>	<a href="http://www.teknooptik.se">www.teknooptik.se</a>
<b>Teledyne Dalsa</b>	<a href="http://www.teledynedalsa.com">www.teledynedalsa.com</a>

<b>Tichawa Vision</b>	<a href="http://www.tichawa.de">www.tichawa.de</a>
<b>Topsenso</b>	<a href="http://www.topsenso.de">www.topsenso.de</a>
<b>Tordivel</b>	<a href="http://www.scorpionvision.com">www.scorpionvision.com</a>
<b>Turck</b>	<a href="http://www.turck.de">www.turck.de</a>
<b>TYZX</b>	<a href="http://www.tyzx.com">www.tyzx.com</a>
<b>Vega Technology Group</b>	<a href="http://www.vegatcgroup.com">www.vegatcgroup.com</a>
<b>Vialux</b>	<a href="http://www.vialux.de">www.vialux.de</a>
<b>Videor Technical</b>	<a href="http://www.videor.com">www.videor.com</a>
<b>Video Systems</b>	<a href="http://www.videosystems.it">www.videosystems.it</a>
<b>Visicontrol</b>	<a href="http://www.visicontrol.com">www.visicontrol.com</a>
<b>Visiolaser</b>	<a href="http://www.vannier-photelec.fr/visiolaser">www.vannier-photelec.fr/visiolaser</a>
<b>Vision &amp; Control</b>	<a href="http://www.vision-control.com">www.vision-control.com</a>
<b>Vision Components</b>	<a href="http://www.vision-components.com">www.vision-components.com</a>
<b>Vision Tools</b>	<a href="http://www.vision-tools.com">www.vision-tools.com</a>
<b>Visionlink</b>	<a href="http://www.visionlink.it">www.visionlink.it</a>
<b>VRmagic</b>	<a href="http://www.vrmagic.com">www.vrmagic.com</a>
<b>Webview</b>	<a href="http://www.webspec.com">www.webspec.com</a>
<b>Wenglor Sensoric</b>	<a href="http://www.wenglor.com">www.wenglor.com</a>
<b>Werth Messtechnik</b>	<a href="http://www.werthmesstechnik.de">www.werthmesstechnik.de</a>
<b>Wintriss Engineering</b>	<a href="http://www.weco.com">www.weco.com</a>
<b>Ximea</b>	<a href="http://www.ximea.com">www.ximea.com</a>
<b>Xiris Automation</b>	<a href="http://www.xiris.com">www.xiris.com</a>
<b>Zertrox</b>	<a href="http://www.zertrox.de">www.zertrox.de</a>
<b>ZheJiang Huaray Technology</b>	<a href="http://www.huaraytech.com">www.huaraytech.com</a>

# Vision Systems, Turnkey Solutions, Integration Services

<b>3D Shape</b>	<a href="http://www.3d-shape.com">www.3d-shape.com</a>
<b>ABB</b>	<a href="http://new.abb.com">new.abb.com</a>
<b>Act Smartware</b>	<a href="http://wp.act-smartware.de">wp.act-smartware.de</a>
<b>Adaptive Vision</b>	<a href="http://www.adaptive-vision.com">www.adaptive-vision.com</a>
<b>Adept Electronic Solutions</b>	<a href="http://www.adept.net.au">www.adept.net.au</a>
<b>Adept Technology</b>	<a href="http://www.adept.de">www.adept.de</a>
<b>AGR International</b>	<a href="http://www.agrintl.com">www.agrintl.com</a>
<b>AIT Göhner</b>	<a href="http://www.ait.de">www.ait.de</a>
<b>Aku.automation</b>	<a href="http://www.aku.eu">www.aku.eu</a>
<b>Alfa Vision Systems</b>	<a href="http://www.alfavisionsystems.com">www.alfavisionsystems.com</a>
<b>Alfvision</b>	<a href="http://www.alfavision.de">www.alfavision.de</a>
<b>Alliance Vision</b>	<a href="http://www.alliancevision.com">www.alliancevision.com</a>
<b>Altair Industries</b>	<a href="http://www.altairindustriesinc.com">www.altairindustriesinc.com</a>
<b>Applied Vision</b>	<a href="http://www.appliedvision.com">www.appliedvision.com</a>
<b>Asentics</b>	<a href="http://www.asentics.de">www.asentics.de</a>
<b>ATN Automatisierungstechnik</b>	<a href="http://www.atn-gmbh.com">www.atn-gmbh.com</a>
<b>Attentra</b>	<a href="http://www.attentra.de">www.attentra.de</a>
<b>Automation Technology</b>	<a href="http://www.automationtechnology.de">www.automationtechnology.de</a>
<b>Automation W+R</b>	<a href="http://www.automationwr.de">www.automationwr.de</a>
<b>Autoware</b>	<a href="http://www.autoware.it">www.autoware.it</a>
<b>AVT Advanced Vision Technology</b>	<a href="http://www.avt-inc.com">www.avt-inc.com</a>
<b>Balluf</b>	<a href="http://www.balluf.com">www.balluf.com</a>
<b>Basler Vision Technologies</b>	<a href="http://www.baslerweb.com">www.baslerweb.com</a>
<b>Baumer</b>	<a href="http://www.baumer.com">www.baumer.com</a>
<b>Beratronic</b>	<a href="http://www.beratronic.de">www.beratronic.de</a>
<b>Bertram Elektrotechnik</b>	<a href="http://www.bertram-bevern.de">www.bertram-bevern.de</a>
<b>Bi-Ber</b>	<a href="http://www.bilderkennung.de">www.bilderkennung.de</a>
<b>Böwe Systec</b>	<a href="http://www.boewe-systec.com">www.boewe-systec.com</a>
<b>Brainware Solutions</b>	<a href="http://www.null-ppm.info">www.null-ppm.info</a>
<b>BST eltromat International</b>	<a href="http://www.bst-international.com">www.bst-international.com</a>
<b>BST International</b>	<a href="http://www.bst-international.com">www.bst-international.com</a>
<b>Camsensor Technologies</b>	<a href="http://www.camsensor.com">www.camsensor.com</a>
<b>Carl Zeiss Optotechnik</b>	<a href="http://optotechnik.zeiss.com">optotechnik.zeiss.com</a>
<b>Ceres Vision</b>	<a href="http://www.ceresvision.de">www.ceresvision.de</a>
<b>China Daheng Group</b>	<a href="http://www.daheng-image.com">www.daheng-image.com</a>
<b>CLK</b>	<a href="http://www.clkgmbh.de">www.clkgmbh.de</a>
<b>Cognex</b>	<a href="http://www.cognex.com">www.cognex.com</a>
<b>Cogniac</b>	<a href="http://www.cogniac.co">www.cogniac.co</a>
<b>Coherix</b>	<a href="http://www.coherix.com">www.coherix.com</a>
<b>Compar</b>	<a href="http://www.compar.ch">www.compar.ch</a>
<b>Cosyco</b>	<a href="http://www.cosyco.de">www.cosyco.de</a>
<b>Cosynth</b>	<a href="http://www.cosynth.com">www.cosynth.com</a>

<b>Cyth Systems</b>	<a href="http://www.cyth.com">www.cyth.com</a>
<b>Datalogic</b>	<a href="http://www.datalogic.com">www.datalogic.com</a>
<b>Datapixel</b>	<a href="http://www.datapixel.com">www.datapixel.com</a>
<b>Degotec</b>	<a href="http://www.degotec.com">www.degotec.com</a>
<b>De Man Industrie-Automation</b>	<a href="http://www.deman.de">www.deman.de</a>
<b>DE Software &amp; Control</b>	<a href="http://www.de-gmbh.com">www.de-gmbh.com</a>
<b>Desconpro Engineering</b>	<a href="http://www.desconpro.de">www.desconpro.de</a>
<b>Digital West Imaging</b>	<a href="http://www.highspeedvideos.com">www.highspeedvideos.com</a>
<b>Divisoft</b>	<a href="http://www.divisoft.com">www.divisoft.com</a>
<b>DMC Vision &amp; Motion</b>	<a href="http://www.dmc-vision-motion.de">www.dmc-vision-motion.de</a>
<b>Dr. Schenk Industriemesstechnik</b>	<a href="http://www.drschenk.com">www.drschenk.com</a>
<b>Dr. Schwab Inspection Technology</b>	<a href="http://www.schwabinspection.com">www.schwabinspection.com</a>
<b>Dunkley International</b>	<a href="http://www.dunkleymachinevision.com">www.dunkleymachinevision.com</a>
<b>Dutch Vision Systems</b>	<a href="http://www.dvs-vision.de">www.dvs-vision.de</a>
<b>E3tam</b>	<a href="http://www.e3tam.com">www.e3tam.com</a>
<b>Eckelmann</b>	<a href="http://www.eckelmann.de">www.eckelmann.de</a>
<b>Edixia</b>	<a href="http://www.edixia.com">www.edixia.com</a>
<b>EHR</b>	<a href="http://www.ehr.de">www.ehr.de</a>
<b>Eines</b>	<a href="http://www.eines.es">www.eines.es</a>
<b>Electronic Systems</b>	<a href="http://www.electronicssystemsi.it">www.electronicssystemsi.it</a>
<b>Ellips</b>	<a href="http://www.ellips.nl">www.ellips.nl</a>
<b>Emhart Glass</b>	<a href="http://www.emhartglass.com">www.emhartglass.com</a>
<b>Envision</b>	<a href="http://www.envision.co.kr">www.envision.co.kr</a>
<b>Epix</b>	<a href="http://www.epixinc.com">www.epixinc.com</a>
<b>Epson Deutschland</b>	<a href="http://www.epson.de/robots">www.epson.de/robots</a>
<b>Erhard + Leimer</b>	<a href="http://www.erhardt-leimer.com">www.erhardt-leimer.com</a>
<b>EVK DI Kerschaggl</b>	<a href="http://www.evk.biz">www.evk.biz</a>
<b>EVT Eye Vision Technology</b>	<a href="http://www.evt-web.com">www.evt-web.com</a>
<b>Eyec-UK</b>	<a href="http://www.eyec-ukandireland.co.uk">www.eyec-ukandireland.co.uk</a>
<b>Fast</b>	<a href="http://www.fast-corp.co.jp">www.fast-corp.co.jp</a>
<b>Faude Automatisierungstechnik</b>	<a href="http://www.faude.de">www.faude.de</a>
<b>FAW Freudenberg Anlagen und Werkzeugtechnik</b>	<a href="http://www.faw-freudenberg.de">www.faw-freudenberg.de</a>
<b>FDS Research</b>	<a href="http://www.fdsresearch.si">www.fdsresearch.si</a>
<b>FiberVision</b>	<a href="http://www.fibervision.de">www.fibervision.de</a>
<b>Finger</b>	<a href="http://www.finger-kg.de">www.finger-kg.de</a>
<b>Fuchs engineering</b>	<a href="http://www.fuchs-engineering.de">www.fuchs-engineering.de</a>
<b>Fuetec</b>	<a href="http://www.fuetec.de">www.fuetec.de</a>
<b>Futec Europe</b>	<a href="http://www.futeceurope.com">www.futeceurope.com</a>
<b>G4 Technology</b>	<a href="http://www.g4.com.tw">www.g4.com.tw</a>
<b>Gefasoft</b>	<a href="http://www.gefasoft.com">www.gefasoft.com</a>

<b>Gefat Engineering</b>	<a href="http://www.gefat-engineering.de">www.gefat-engineering.de</a>
<b>Gesellschaft für Bild- und Signalverarbeitung</b>	<a href="http://www.gbs-ilmenau.de">www.gbs-ilmenau.de</a>
<b>GFal</b>	<a href="http://www.gfai.de">www.gfai.de</a>
<b>Gidel</b>	<a href="http://www.gidel.com">www.gidel.com</a>
<b>Goldlücke Ingenieurleistungen</b>	<a href="http://www.giib.de">www.giib.de</a>
<b>GOM</b>	<a href="http://www.gom.com">www.gom.com</a>
<b>Göpel Electronic</b>	<a href="http://www.goepel.com">www.goepel.com</a>
<b>GPP Chemnitz</b>	<a href="http://www.gppc.de">www.gppc.de</a>
<b>Grecon</b>	<a href="http://www.grecon.de">www.grecon.de</a>
<b>Hasotec</b>	<a href="http://www.hasotec.com">www.hasotec.com</a>
<b>Heitec</b>	<a href="http://www.heitec.de">www.heitec.de</a>
<b>Helms Technologie</b>	<a href="http://www.helms-technologie.de">www.helms-technologie.de</a>
<b>Hengstmann Solutions</b>	<a href="http://www.hengstmann.com">www.hengstmann.com</a>
<b>Hexagon Manufacturing Intelligence</b>	<a href="http://www.hexagonmi.com">www.hexagonmi.com</a>
<b>I3 Tech</b>	<a href="http://www.i3tech.de">www.i3tech.de</a>
<b>Ibea</b>	<a href="http://www.ibea.de">www.ibea.de</a>
<b>ICW [industrie-elektronik]</b>	<a href="http://www.icw-news.de">www.icw-news.de</a>
<b>iIM</b>	<a href="http://www.iimag.de">www.iimag.de</a>
<b>Ikegami</b>	<a href="http://www.ikegami.de">www.ikegami.de</a>
<b>Image House</b>	<a href="http://www.imagehouse.dk">www.imagehouse.dk</a>
<b>Image S</b>	<a href="http://www.imagessrl.com">www.imagessrl.com</a>
<b>Imago Technologies</b>	<a href="http://www.imago-technologies.com">www.imago-technologies.com</a>
<b>I-mation</b>	<a href="http://www.i-mation.de">www.i-mation.de</a>
<b>Imess</b>	<a href="http://www.imess.com">www.imess.com</a>
<b>Impuls</b>	<a href="http://www.impuls-imaging.com">www.impuls-imaging.com</a>
<b>IMR Automatisierungstechnik</b>	<a href="http://www.imr-le.de">www.imr-le.de</a>
<b>INB Vision</b>	<a href="http://www.inb-vision.com">www.inb-vision.com</a>
<b>Industrial Vision Systems</b>	<a href="http://www.industrialvision.co.uk">www.industrialvision.co.uk</a>
<b>Infaimon</b>	<a href="http://www.infaimon.com">www.infaimon.com</a>
<b>Infratec</b>	<a href="http://www.infratec.de">www.infratec.de</a>
<b>Inos Automationssoftware</b>	<a href="http://www.inos-automation.com">www.inos-automation.com</a>
<b>Inray Solutions</b>	<a href="http://www.inrays.com">www.inrays.com</a>
<b>Insensiv</b>	<a href="http://www.insensiv.de">www.insensiv.de</a>
<b>In-situ</b>	<a href="http://www.in-situ.de">www.in-situ.de</a>
<b>Inspectron</b>	<a href="http://www.inspectron.ch">www.inspectron.ch</a>
<b>Inspekto AMV</b>	<a href="http://www.inspekto.com">www.inspekto.com</a>
<b>Insystems Automation</b>	<a href="http://www.insystems.de">www.insystems.de</a>
<b>Intego</b>	<a href="http://www.intego.de">www.intego.de</a>
<b>Intopii</b>	<a href="http://www.intopii.fi">www.intopii.fi</a>
<b>IOS</b>	<a href="http://www.ios-web.de">www.ios-web.de</a>

<b>Ioss</b>	<a href="http://www.iOSS.de">www.iOSS.de</a>
<b>Irida Labs</b>	<a href="http://www.iridalabs.gr">www.iridalabs.gr</a>
<b>IS Imaging Solutions</b>	<a href="http://www.imaging-solutions.de">www.imaging-solutions.de</a>
<b>Isa Industrielektronik</b>	<a href="http://www.isaweiden.de">www.isaweiden.de</a>
<b>Isomorph</b>	<a href="http://www.isomorph.it">www.isomorph.it</a>
<b>Isra Vision</b>	<a href="http://www.isravisoin.com">www.isravisoin.com</a>
<b>ISW</b>	<a href="http://www.isw-gmbh.biz">www.isw-gmbh.biz</a>
<b>Itech Engineering</b>	<a href="http://www.itecheng.com">www.itecheng.com</a>
<b>IVS</b>	<a href="http://www.industrialvision.co.uk">www.industrialvision.co.uk</a>
<b>J&amp;P Vision</b>	<a href="http://www.jupvision.de">www.jupvision.de</a>
<b>Japan F.A. Systems</b>	<a href="http://www.jfas.co.jp">www.jfas.co.jp</a>
<b>Jasvisio - Vision Artificial</b>	<a href="http://www.jasvisio.com">www.jasvisio.com</a>
<b>JLI Vision</b>	<a href="http://www.jli.dk">www.jli.dk</a>
<b>Joanneum Research</b>	<a href="http://www.joanneum.at">www.joanneum.at</a>
<b>K + P Krempien + Petersen</b>	<a href="http://www.kup-image.de">www.kup-image.de</a>
<b>Kaiser Computersysteme</b>	<a href="http://www.isotronika.de">www.isotronika.de</a>
<b>Kdorf Automation</b>	<a href="http://www.kdorf.de">www.kdorf.de</a>
<b>Keyence</b>	<a href="http://www.keyence.de">www.keyence.de</a>
<b>Kirin Techno-System</b>	<a href="http://www.kirintechno.co.jp">www.kirintechno.co.jp</a>
<b>KMS Engineering</b>	<a href="http://www.kms-e.de">www.kms-e.de</a>
<b>Kolektor Orodjarna</b>	<a href="http://www.kolektorvision.com">www.kolektorvision.com</a>
<b>L&amp;P</b>	<a href="http://www.lp-gmbh.de">www.lp-gmbh.de</a>
<b>Laetus</b>	<a href="http://www.laetus.com">www.laetus.com</a>
<b>Leuze Electronic</b>	<a href="http://www.leuze.com">www.leuze.com</a>
<b>Limess</b>	<a href="http://www.limess.com">www.limess.com</a>
<b>Lincoln Laser Company</b>	<a href="http://www.lincolnlaser.com">www.lincolnlaser.com</a>
<b>Machine Vision Technology</b>	<a href="http://www.machine-vision-technology.co.uk">www.machine-vision-technology.co.uk</a>
<b>Menzel Vision and Robotics</b>	<a href="http://www.menzelab.com">www.menzelab.com</a>
<b>Merz freeform.technologies</b>	<a href="http://www.merz-technologies.com">www.merz-technologies.com</a>
<b>Meta Vision Systems</b>	<a href="http://www.meta-mvs.co.uk">www.meta-mvs.co.uk</a>
<b>Mettler Toledo Product Inspection</b>	<a href="http://www.mt.com">www.mt.com</a>
<b>Mevisco</b>	<a href="http://www.mevisco.com">www.mevisco.com</a>
<b>Micro Epsilon</b>	<a href="http://www.micro-epsilon.com">www.micro-epsilon.com</a>
<b>Omron Microscan Systems</b>	<a href="http://www.microscan.com">www.microscan.com</a>
<b>Mikrotron</b>	<a href="http://www.mikrotron.de">www.mikrotron.de</a>
<b>Modi Modular Digits</b>	<a href="http://www.modi-gmbh.de">www.modi-gmbh.de</a>
<b>Moser Industrielektronik</b>	<a href="http://www.moser-gmbh.de">www.moser-gmbh.de</a>
<b>Msvision</b>	<a href="http://www.msvision.com">www.msvision.com</a>
<b>Neogramm</b>	<a href="http://www.neogramm.de">www.neogramm.de</a>
<b>Neupro Solutions</b>	<a href="http://www.neupro-solutions.com">www.neupro-solutions.com</a>

Neuricam	www.neuricam.com
Neurocheck	www.neurocheck.com
Neurotechnology	www.neurotechnology.com
Nikka Research Deutschland	www.nikka-research.com
Nikon Metrology	www.nikonmetrology.com
Nokra	www.nokra.de
Norman N. Axelrod Associates	www.axelrodassociates.com
Norpix	www.norpix.com
Northwire	www.northwire.com
OCS	www.ocsgmbh.com
Octum	www.octum.de
Omron	www.industrial.omron.de
Opsis	www.opsis.de
Optel Vision	www.optelvision.com
OptoFidelity	www.optofidelity.com
OptoNova	www.optonova.se
Orbis	www.orbis.eu
Orbotech	www.orbotech.com
Orus Integration	www.orusintegration.com
Otto Vision Technology	www.otto-jena.de
Panasonic Electric Works	www.panasonic-electric-works.de
Parameter	www.parameter.se
Pattern Recognition Company	www.pattern-recognition-company.de
Paul Leibinger	www.leibinger-group.com
PCE Pharmacontrol	www.pharmacontrol.de
PCS Industries	www.pcindustries.com
Pepperl & Fuchs	www.pepperl-fuchs.com
Perceptron	www.perceptron.com
Peter Scholz Software + Engineering	www.scholzsue.de
Phytec Messtechnik	www.phytec.de
Pi4_robotics	www.pi4.de
Pilz	www.pilz.de
Pixargus	www.pixargus.de
Plasmo Industrietechnik	www.plasmo.eu
POG Präzisionsoptik Gera	www.pog.eu
Pollux	www.pollux.com.br
Polygon	www.polygon-technology.de
Polytec	www.polytec.de/bv
PPT Vision	www.pptvision.com
Pressco Technology	www.pressco.com

Profactor	www.profactor.at
Prüftechnik Schneider & Koch	www.prsuk.de
Pulsotronic	www.bildverarbeitung.pulsotronic.de
Qualimatest	www.qmt.ch
Quiss	www.quiss.com
R&W Industrieautomation	www.r-u-w.de
Radix Controls	www.radixcontrols.com
Rbc robotics	www.rbc-robotics.de
Recognitec	www.recognitec.de
RH Engineering	www.rhengineering.de
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