Tuesday, September 27, 2022

sneak PREVIEW

PHOTONICS MEDIA photonics.com

VISION 2022

VISION to Highlight Innovations in Deep Learning and Embedded Vision

VISION 2022 is set to take place Oct. 4-6 in Stuttgart, Germany, where the industry's leading companies will unveil the latest innovations in the vision systems and components contributing to advancements in automation and Industry 4.0.

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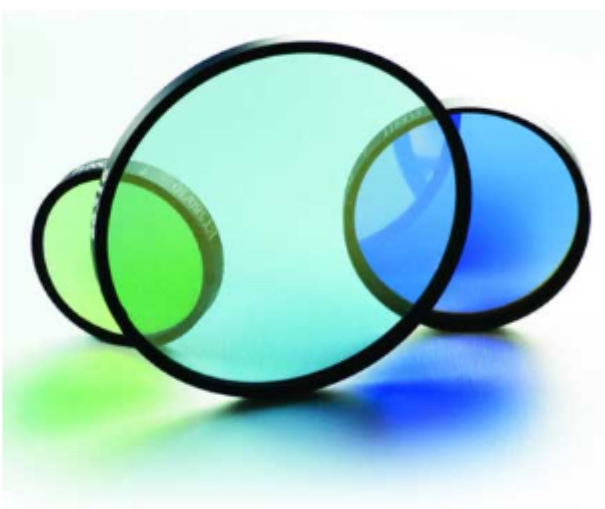
.: Featured Exhibitors

Optical Filters for SWIR

From: Chroma Technology Corp.

We produce thin-film interference filters with extremely durable sputtered coatings in a variety of sizes. Our line of filters ranges from 380 to 2800 nm and are suitable for a wide range of sensing/imaging applications. The filters are specifically designed to accept wide angles of incidence without chromatic aberrations. Performance, durability, and value: Everything you need in a filter.



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ITALA: The New Industrial Cameras

From: Opto Engineering S.p.A.

ITALA® cameras confirm Opto Engineering's determination in establishing itself as a qualified supplier for all types of machine vision components. ITALA G is a series of GigE Vision industrial PoE cameras designed and manufactured in Italy by Opto Engineering®. ITALA G.EL is a series of GigE Vision PoE industrial cameras with integrated liquid lens control designed and built in Italy by Opto Engineering®.

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World's Fastest 3D Profiling by AT

From: AT - Automation Technology GmbH

With its new C6 sensor, AT offers the world's fastest 3D sensor in the combination of speed and resolution based on AT's own sensor technology. For the next generation of 3D laser triangulation sensors, AT has developed a sensor chip with the novel Widely Advance Rapid Profiling (WARP) technology, which is galactically fast with a profile speed of up to 38 kHz.

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Super Fine Line Laser Module HSML-E

From: Frankfurt Laser Company

The new HSML-E is a series of laser diode line modules which are very compact and deliver super fine lines. Laser head and driver are separated which allows a very compact size of the laser head of just Ø12.6 mm x 44 mm. The laser driver is 200 mm away from the laser head with dimensions of Ø12.6 mm x 40 mm and can be operated at 24 V. The beam line can be focused to e.g. a thickness of just 10 µm at 40 mm distance.

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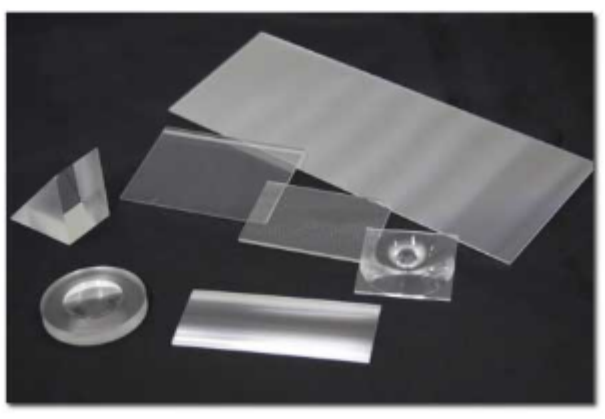
Plastic Sheet Lens

From: NTKJ (Nihon Tokushu Kogaku Jushi)

We are the pioneer in sheet lens and sheet prism manufacturing. We employ a high accuracy production line, creating anything from optical designs and molds to finished products and coating. Our machining systems are ready to produce plastic optical products of virtually any size. Product list: Solar concentrator Fresnel lenses/ Linear Fresnel lenses, linear Fresnel lenses, lenticular lenses, prisms, fly's-eye lenses, molds, directly cutting Fresnel lenses, etc.



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