Featured Products & Services

High-Speed VHS-SWIR Camera
From: Embionix Oy
Embinex V520 gig VHS-SWIR camera utilizes a unique quantum dot-based CMOS sensor technology. Embionex released a high-speed 400 fps camera with wide spectral range from 400 to 2000 nm and high dynamic range (HDR) capabilities. Applications targeting machine vision includes optical sorting (e.g., waste sorting in the recycling industry), semiconductors, defense, horticulture/agriculture, and multispectral imaging.

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IR Filters for Thermal Imaging
From: Spectronix US Inc.
Spectronix manufactures infrared filters and windows with high transmission, high rejection outside the passband, while maintaining excellent coating uniformity for thermal imaging and gas detection applications such as cryogenically cooled IR detectors and uncooled microbolometers. Our filters and windows range in dimension from 86.3 to 300.0 mm with distancing capabilities down to as small as 1.0 x 1.0 mm.

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271 Laser Spectrum Analyzers
From: Briel & Kjeller Inc.
The model 271 operates as both a high-resolution spectrum analyzer and a high-sensitivity wavelength meter. With spectral resolution up to 2 GHz and wavelength accuracy as high as 0.001 nm, this system provides the most detailed information about the spectral properties of lasers operating from 375 nm to 12 µm.

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Ask the Experts
From: Hamamatsu Corporation

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Thin Films and Optical Assembly
From: Applied Optical Coating (AOC)
The Applied Optics Center has been and continues to be one of the premiere suppliers of laser blanking and absorbing filters as well as optical assemblies to both the U.S. military and commercial industry. Five 2-meter coating chambers, along with various 1-meter and 1/2-meter chambers, plus AOC is a unique position with regard to coating capacity. A wide variety of coatings on various substrates can be designed.

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Custom Optical Fabrication
From: Sorensen Corporation
Sorensen Corp. has a full-service, in-house optical fabrication facility to meet your precise optical requirements. Along with processing popular materials such as borosilicate, fused silica, and coated glass filters, we are intimately experienced working with UV, visible, and IR exotic materials, including crystals and ceramics. From flats and wedges to aspheres, we understand precision optics from fabrication to coating.

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