



Photonics West 2019 – San Francisco, CA

February 2-7, 2019
An advanced look at the products, trends and technologies being presented.



2019 Prism Awards Recognize Finalists
Retinal projection laser eyewear, the world's first cloud-based AI hand-held Raman spectrometer, and the first accurate stereo photogrammetry device that fits in the palm of a hand will all converge at the 2019 Prism Awards for Photonics Innovation. These innovative products are just three of the 30 finalists for the awards, which recognize groundbreaking technology in the industry. On Wednesday, Feb. 6, co-sponsors SPIE and Photonics Media will hold the 11th annual awards gala in San Francisco, where the winners will be announced.

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Featured Exhibitors

GigE Industrial Beam Profiler
From: Ophir, Photonics

The Ophir® SP920G GigE Silicon CCD beam profiling camera accurately captures and analyzes wavelengths from 190nm-1100nm. Features high-speed GigE interface, compact design, wide dynamic range, and unparalleled signal-to-noise ratio for measuring CW and pulsed lasers in industrial applications. 1624 x 1224 pixel resolution, 4.4µm pixel pitch. Includes BeamGage® advanced beam analysis software.

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Lens Temperature Testing Module
From: Optikos Corporation

Following extensive testing and development in our own IQ Lab, Optikos is pleased to announce the release of a new line of configurable Temperature Testing Modules to be used with our OpTest® Lens Testing Systems. This product line has been developed to meet increasing customer demand - particularly from test engineers in the automotive camera market - to evaluate the performance of lenses over extended temperature ranges. Visit us at booth 2151.

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- Production injection molding
- Thin film coatings on polymers
- Optical assemblies
- Complete metrology

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Custom Optical Filters
From: VIAVI Solutions Inc.

VIAVI Solutions Optical Security and Performance Products group (formerly OCLI) develops and delivers high value optical thin-film filter components and coating services that enhance the performance, safety, and security of our customers' products. Our solutions support the Consumer Electronics, Government, Automotive and Industrial markets. With the recent acquisition of RPC Photonics, VIAVI Solutions has expanded its offerings in the 3D Sensing space.

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HyperFine Spectrometer
From: LightMachinery Inc.

The Hornet spectrometer is designed for characterizing laser spectra. It is a compact spectrometer capable of better than 30 picometer resolution. The resolution of large gratings spectrometers at a fraction of their cost and size while covering a larger wavelength range.

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Custom, Precision, Polymer Optics
From: Diverse Optics Inc.

For over 25 years, Diverse Optics has manufactured the most challenging components and assemblies for defense, medical, and commercial applications. We use our knowledge of injection molding and diamond turning to help you reduce cost and improve the performance of your optics. Trust us with everything from spheres, aspheres, free-forms, diffractives, Fresnels, prisms, cylinders, collimators, combiners, micro-optics, mirrors, parabolics, and more! Let us show you how polymer optics are perfected.

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Interferometer for Micro Optics
From: Apre Instruments

Measuring micro optics is a pain; a standard interferometer simply doesn't work. Now, APRE's NEW S6|HR, with patented SCI technology, measures 500 µm to 6 mm optics by removing back reflections and unwanted secondary interference providing you, for the first time, the ability to measure micro optic RGB combiners, prisms, plates, and transmitted wavefront. Visit booth 122.

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Multi-camera Hyperspectral Systems
From: Camlin Photonics

The HYPERION HSI system is a complete, high-quality, cost-effective, hyperspectral imaging solution with various spectral camera and translation stage options. The system also supports multi-camera configurations and is easily adaptable to a wide range of research and industrial applications. We also provide a range of other spectroscopy instruments such as monochromators, fluorescence spectrometers and light sources, as well as sensing solutions tailored to specific industries such as biogas and security.

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High Power Laser Drivers
From: Arroyo Instruments LLC

The 4400 Series LaserSource laser diode driver is designed for demanding, high-power laser applications. With up to 100 Amps of drive current and high-voltage configurations, the 4400 can meet many high-power laser requirements. Add QCW operation, digital I/O, and temperature monitoring, and you have a very capable instrument.

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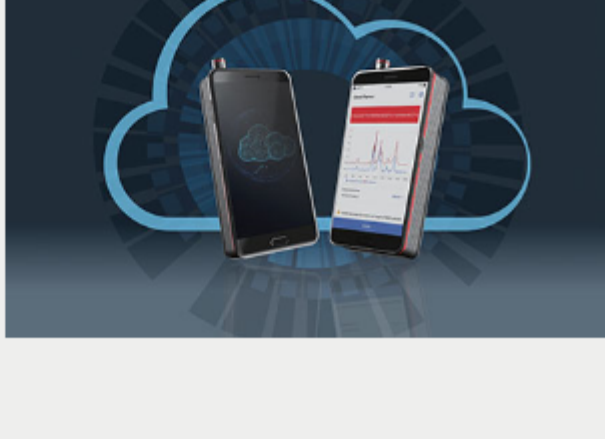


Prism Finalist - Smart Raman XI™
From: CloudMinds Technology Inc.

CloudMinds Technology is honored that our XI™ smart Raman solution has been selected as a Prism award finalist in the category of sensors and detectors. XI™ is the world's first cloud AI based handheld Raman spectrometer. Integrated with a smartphone, this handheld Raman maintains constant connection to cloud via 4G/Bluetooth/WIFI. XI™ is the first to adopt Cloud data computing and AI, enabling faster accurate data analysis with unparalleled computing power.

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