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**PREVIEW**

**PHOTONICS**  
MEDIA [photonics.com](http://photonics.com)

## SPIE Defense + Commercial Sensing 2023



### SPIE Defense + Commercial Sensing Show Brings System Critical Security and Detection Technologies to the Fore

SPIE's annual showcase for mission-critical sensing innovation returns to the Orlando area for a five-day conference and exhibition April 30 to May 4. The Defense + Commercial Sensing (DCS) show will deliver more than 1150 presentations and host over 275 exhibitors. The Gaylord Palms Resort & Convention Center just outside Orlando will once again host the event.

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## Featured Exhibitors

### [Fast-Scan, Wide-Tuning QCL](#)

From: **DRS Daylight Solutions Inc.**

MIRcat-QT provides numerous capabilities critical to any molecular spectroscopy application, including: high-speed tuning, high spectral and spatial brightness, high spectral and spatial repeatability, and wide coverage of the important mid-IR spectral fingerprint region. MIRcat-QT is a true one-box, maintenance- and alignment-free, fully automated system, with a flexible, modular design. Visit us at Booth #1137.

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**DRS DAYLIGHT SOLUTIONS**



MIRcat-QT with ZeroPoint™

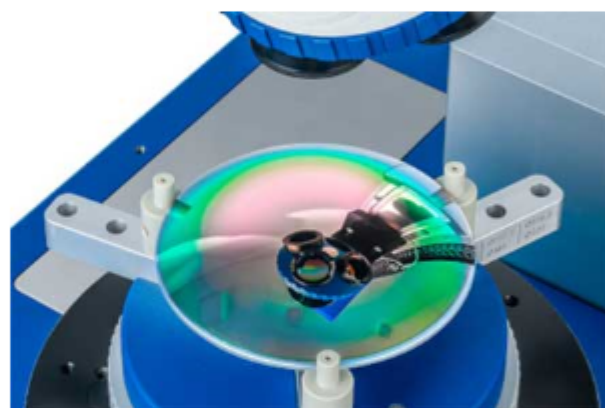
### [Highly Precise Centration Testing](#)

From: **TRIOPTICS GmbH**

TRIOPTICS OptiCentric® 101 excels in the centration measurement and alignment of lenses and complex lens systems. It reaches an unrivaled measurement accuracy of <math><0.1 \mu\text{m}</math> for VIS and <math><0.25 \mu\text{m}</math> in the IR. The unique IR-compatible air gap and center thickness measurement completes the optomechanical characterization. A thermal chamber allows the testing of geometric deviation over temperature. DCS Booth #618.

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### [Quantum Entangled Sources](#)

From: **OZ Optics Limited**

OZ Optics is excited to introduce a new line of waveguide-based quantum entangled-photon sources with unprecedented brightness. A compensation-free and self-balanced interferometric scheme is implemented to produce high-quality polarization entanglement and hyperentanglement. Aimed at emerging quantum photonics industries as well as ambitious researchers, these compact sources with built-in pump lasers are presented as plug-and-play and integrable devices operating at visible and telecom wavelengths. Visit us at Booth #502.

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### [Optikos Contract Manufacturing](#)

From: **Optikos Corporation**

Optikos provides complete optical product design, contract manufacture and testing with full performance verification for defense clients who need a custom imaging solution they can depend on in critical applications. Our expert optical engineering and IQ Lab™ teams ensure the best lens performance in the industry—and clients own the design. Stop by our Booth #1119 at SPIE DCS to learn more, or email [sales@optikos.com](mailto:sales@optikos.com).

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### [Meet the New Coherent at SPIE DCS](#)

From: **Coherent Corp.**

II-VI and Coherent have become Coherent Corp. The new Coherent now stands at the forefront of the megatrends that shape our innovations in aerospace and defense applications. From complex custom electro-optic assemblies to high-energy laser systems, Coherent continues to develop materials and technologies for next generation defense capabilities. Visit us at SPIE DCS to see our combined portfolio of products, materials and capabilities and discuss your most complex requirements. Visit us at Booth #1013.

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