



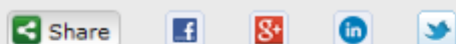
Thursday, December 17, 2015

### Laser Ranging System Tracks Movement of Hidden Objects in Real Time



A single-photon avalanche diode camera system has been used to image objects located out of the camera's line of sight and track their movements with centimeter precision.

[Read Article >>](#)



### Flir Acquires Video Surveillance Tech Firm DVTel for \$92M

Sensors firm Flir Systems Inc. has acquired DVTel Inc., adding enterprise-class security cameras and video management software capabilities to its security product suite.

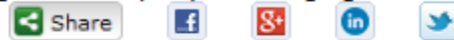
[Read Article >>](#)



### Scanlab Acquires Next Scan Technology, Increases Polygon Scanner Stake

"Amid rising demand for polygon scanners, Next Scan Technology needed to increase manufacturing capacity and set up worldwide sales, marketing and customer services, while strengthening its management team," said Lars Penning, the company's managing director.

[Read Article >>](#)



## Featured Products



#### IR Polarization Rotator

Innovation Photonics  
Innovation Photonics LLC has announced the RF-4 IR polarization rotator.  
[More info >>](#)



#### Freeform Grinding

Schneider Optical Machines  
The SCG 250 provides an ideal platform for freeform, aspherical, and spherical grinding. Results are superb form accuracy and minimized surface roughness.  
[More info >>](#)



#### Thin-Film Coating

United Lens Company  
For over forty years United Lens has been providing high-quality Thin Film Coatings for the photonics industry.  
[More info >>](#)

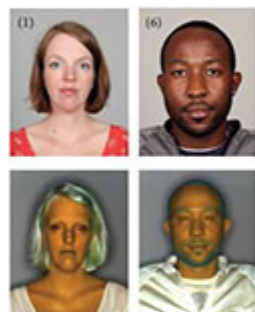


#### Laser Diode Test System

Yelo Limited  
The Y1000L is a universal tester capable of burn-in aging and life-time testing of multiple photonic devices at the same time.  
[More info >>](#)

[More Articles on Photonics.com](#)

### IR Imaging Differentiates Skin from Other Materials



Systems using IR wavelengths to distinguish skin from other materials hold promise for improving search and rescue efforts and defending against efforts to deceive biometric systems.

[Read Article >>](#)



### ICFO Receives \$1.9M for Quantum Cryptography Research

ICFO, the Institute of Photonic Sciences in Spain, has received €1.7 million (about \$1.86 million) from the Axa Research Fund to create a permanent chairmanship for quantum cryptography technology research, addressing rising data security issues among governments, the private sector and civil society.

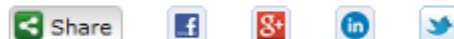
[Read Article >>](#)



### Manta Secures Venture Funding for Optical System to Measure Nanoparticles

Called ViewSizer 3000, the device analyzes the Brownian motion of nanoparticles in liquids using multiple lasers and detectors. Unlike previous systems with limited dynamic ranges, ViewSizer is able to detect a wider range of scattered light intensities and determine individual particle sizes based on that intensity data.

[Read Article >>](#)



Join Photonics Media's discussion group on **LinkedIn!** It's a forum for all things photonics, where you can keep up with the latest industry happenings and post your own company news and product announcements.

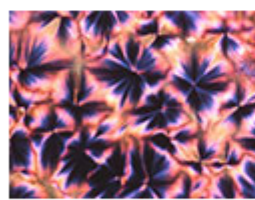
### Former Edmund VP Thomas Kessler Joins Schneider as CEO

His initial responsibilities include development, sales and risk management for the German lens manufacturer.

[Read Article >>](#)



### Diagnostic Method Employs Birefringence of Liquid Crystals



A detection system that uses birefringence as the sole optical output signal holds promise as a low-cost, rapid diagnostic tool for identifying biomarkers, viruses, bacteria and parasites in the field.

[Read Article >>](#)



### Nanostructured Thin Films Boost Optoelectronics' Efficiency

An antireflection coating allows LEDs, solar cells and sensors to capture light without hampering the flow of electricity, which could increase efficiency in optoelectronic devices.

[Read Article >>](#)



## Industry Events

### Medical Laser Safety - Jan. 30-31 · Orlando, Fla.



This course is designed to give operating room personnel a basic foundation in laser biophysics, tissue interaction and laser safety.  
[More info >>](#)

## CALL FOR ARTICLES!



Photonics Media is currently seeking technical feature articles on a variety of topics for publication in our magazines (*Photonics Spectra*, *Industrial Photonics*, *BioPhotonics* and *EuroPhotonics*). Please submit an informal 100-word abstract to Managing Editor Michael Wheeler at [Michael.Wheeler@Photonics.com](mailto:Michael.Wheeler@Photonics.com)

Questions: [pr@photonics.com](mailto:pr@photonics.com)

Unsubscribe: <http://www.photonics.com/Newsletter/EmailUnsubscribe.aspx>

[Subscribe](#) | [Manage Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

© 1996 - 2017 Laurin Publishing. All rights reserved.  
Photonics.com is Registered with the U.S. Patent & Trademark Office.  
Reproduction in whole or in part without permission is prohibited.

### FEATURED VIDEO



#### Necsel's Green Kaser Technology

Necsel's green laser technology has enabled a creation of ultra-high brightness laser projectors aimed at large venue and 3D digital cinemas. Winning a PRISM Award in 2014, Necsel Green laser provides the wavelength range necessary to produce 6 primary 3D with low speckle and twice the brightness of a halogen lamp projector.

SPONSOR



REGISTER TODAY

Conferences & Course: 25-29 March 2017  
Portland Marriott Downtown Waterfront Hotel  
Portland, Oregon, USA

SPONSOR



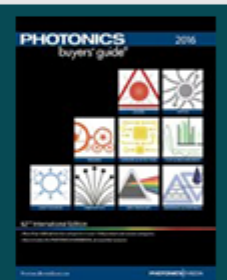
Connect with leading suppliers and experts in vision!

REGISTER TODAY!

## PHOTONICS buyers' guide

Looking for **Optics and Optical Components products?** Search the Photonics Buyers' Guide or Browse these product categories:

[Beamsplitting Mirrors](#)  
[Complex Lenses](#)  
[Dichroic Filters](#)  
[Fused Quartz and Silica](#)  
[Infrared Lenses](#)  
[Laser Coatings](#)



SPONSOR