

# BIOPHOTONICS

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## WEBINARS

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### **Image Sensors and Modules for Endoscopy Applications: What Are the Latest Trends?**

**Thursday, December 14, 2023 10:00 AM - 11:00 AM EST**

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Presented by



In this webinar, representatives from Teledyne e2v explain how the CMOS technology used in image sensors is constantly evolving and, along with advances in packaging and modules, overcomes challenges by enabling the design and manufacture of miniaturized sensors and modules with both low power and high data transmission rates. Leveraging over 35 years of medical imaging expertise, they also explain the new medical imaging techniques that are emerging and how the endoscope can give surgeons and doctors real-time images, allowing them to see much more than the naked eye can see. Lastly, they discuss the advanced imaging techniques that are available, for example 3D imaging for robot-guided surgery, fluorescence imaging using the NIR wavelength, or multispectral imaging for improved visibility of abnormalities or capillaries. Presented by [Teledyne e2v](#).



### **Upcoming Webinars**

- [Profiling Tightly Focused Beams in 2D Using Camera-Based Beam Profilers and Magnification Optics](#), 12/12/2023 1:00:00 PM EST

### **Archived Webinars**

- [The Etendue Mystery Revealed](#)
- [Optimization of Surface Enhanced Spatially Offset Raman Spectroscopy for Applications in Pre-Clinical Cancer Imaging](#)
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