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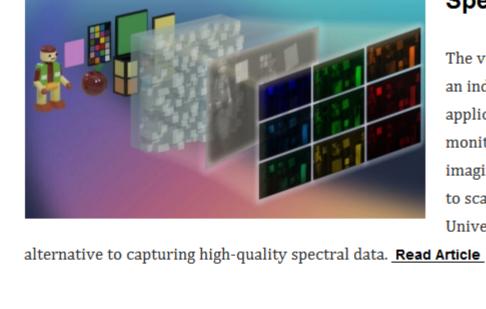


Personalized Objects Vision-language models such as GPT-5 often excel at

Method Teaches Al Models to Locate

recognizing general objects, like a dog, but they perform poorly at locating personalized objects, such as a specific dog. Researchers from MIT, the MIT-IBM Watson AI Lab, the Weizmann Institute of Science, and other institutes have introduced a training method that teaches vision-language models to localize personalized objects in a scene. The developed method uses prepared video-tracking data in which the same object is tracked across multiple frames.

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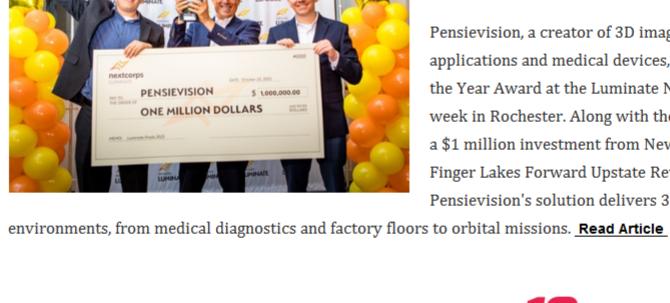
The versatility and precision of hyperspectral imaging make it an indispensable tool in numerous scientific and industrial

Spectral Imaging, Cuts Costs

Computational Method Streamlines

applications, from medical imaging to environmental monitoring to quality control. But traditional hyperspectral imaging systems can be costly, cumbersome, and challenging to scale. A computational spectral imaging system from the University of Utah provides a fast, inexpensive, efficient

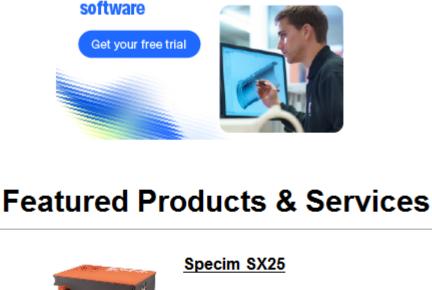
Pensievision's 3D Imaging Tech Shines at Luminate Finals Competition



Pensievision, a creator of 3D imaging technology for industrial applications and medical devices, received the Company of the Year Award at the Luminate NY Finals 2025, held this

week in Rochester. Along with the title, the company received a \$1 million investment from New York State through the Finger Lakes Forward Upstate Revitalization Initiative. Pensievision's solution delivers 3D imaging for demanding GIGE+RDMA

👀 ZEBRA



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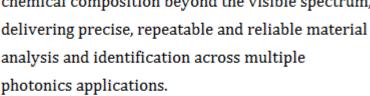
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Ltd. The Specim SX25 is a high-resolution SWIR



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Specim, Spectral Imaging

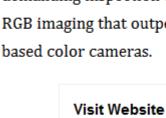
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Allied Vision

5GigE Goldeye Pro TEC1 SWIR cameras deliver

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demanding inspection tasks, they provide precise RGB imaging that outperforms traditional Bayer-

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Simplify 2D Vision-Guided

Megapixel 3-CMOS Prism-

based Cameras to its Apex

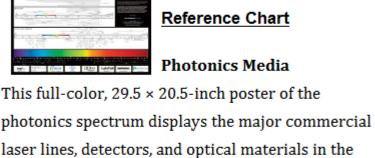


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ProPhotonix Ltd.

ProPhotonix's UVC-Pro Area

Light delivers up to 35 mW/cm2 of uniform 265nm illumination in a compact, stackable, and robust form factor, giving machine vision designers a UVC LED platform for fluorescence-based inspection, contrast enhancement, and surface disinfection.



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Final assembly

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ultraviolet to the far-infrared and beyond. The

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Reference Chart

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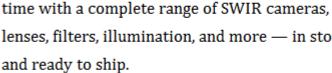
to simplify the configuration and deployment of 2D vision guided robotics (VGR) tasks with leading collaborative robot models.

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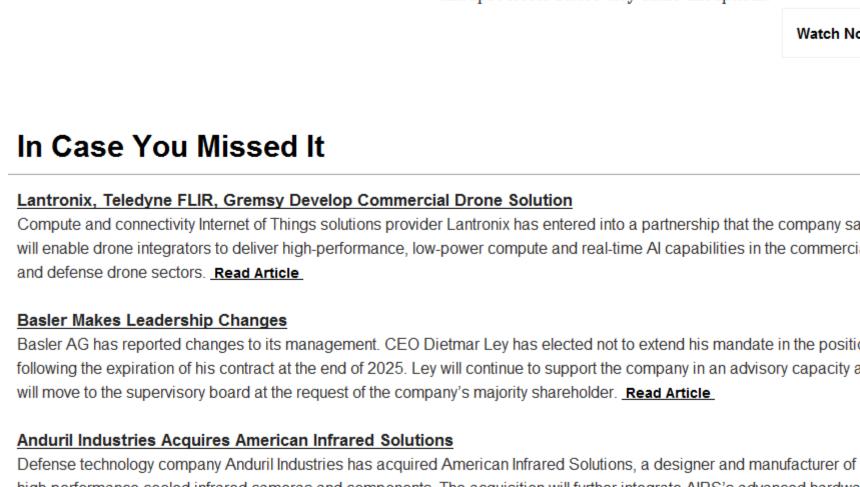
module through direct LC connectivity -

simplifying system design, reducing power

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delays, rework, and recalls, and manual inspections simply

aren't up to the challenge. Zebra's machine vision and fixed

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Compute and connectivity Internet of Things solutions provider Lantronix has entered into a partnership that the company said will enable drone integrators to deliver high-performance, low-power compute and real-time AI capabilities in the commercial Basler AG has reported changes to its management. CEO Dietmar Ley has elected not to extend his mandate in the position following the expiration of his contract at the end of 2025. Ley will continue to support the company in an advisory capacity and

Features OCT and Material Analysis, Vision-Guided Robotics, Embedded Vision

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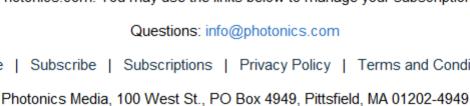
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