



## WEBINARS

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# SWIR and NIR Disruptive Zoom Lens for Challenging Environments: Air, Land, and Maritime

**Thursday, September 12, 2024 9:00 AM - 10:00 AM EDT**

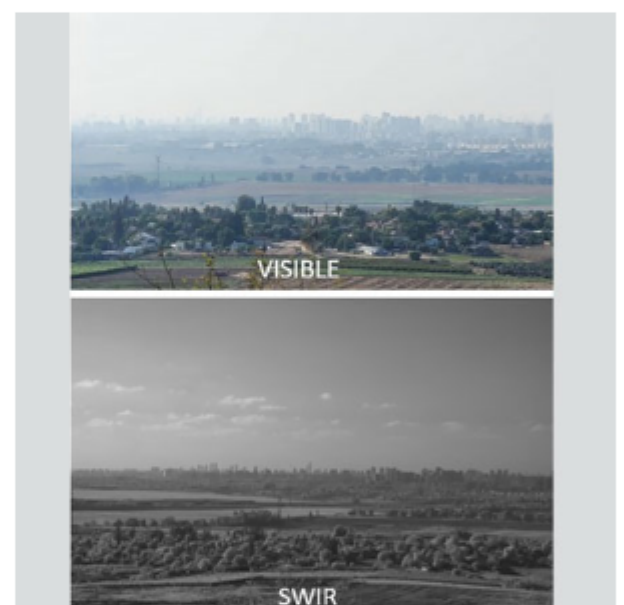
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Presented by



Peter Kunert of MKS Ophir IR Optics explores the advantages of SWIR lenses and how they play a pivotal role in air, land, and maritime imaging, offering unparalleled visibility even in challenging conditions, such as haze, smoke, and fog.

Incorporating SWIR and NIR into electro-optical (EO) systems significantly enhances image clarity and performance. SWIR lenses excel in long-range daytime observation, effective glass transmission, and precise laser spot detection for designators, making them an ideal solution for defense and homeland security applications. This presentation shares how SWIR technology can transform an EO system and improve operational efficiency. Presented by [MKS Ophir](#).



## Upcoming Webinars

- [How to Improve Laser Applications Using Freeform Optics](#), 9/4/2024 10:00:00 AM EDT
- [Manufacturing-Aware Design of Photonic Integrated Circuits](#), 9/5/2024 1:00:00 PM EDT

## Archived Webinars

- [Industry Innovations in Fiber-Based Frequency Combs: Ultrabroadband Comb with Sub-3-kHz Free-Running Linewidths](#)
- [Measuring Starlight with an Ultrafast Laser: Astrocomb Development for the Extremely Large Telescope](#)
- [Beam Steering with Galvos: Common Configurations and Their Uses](#)

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