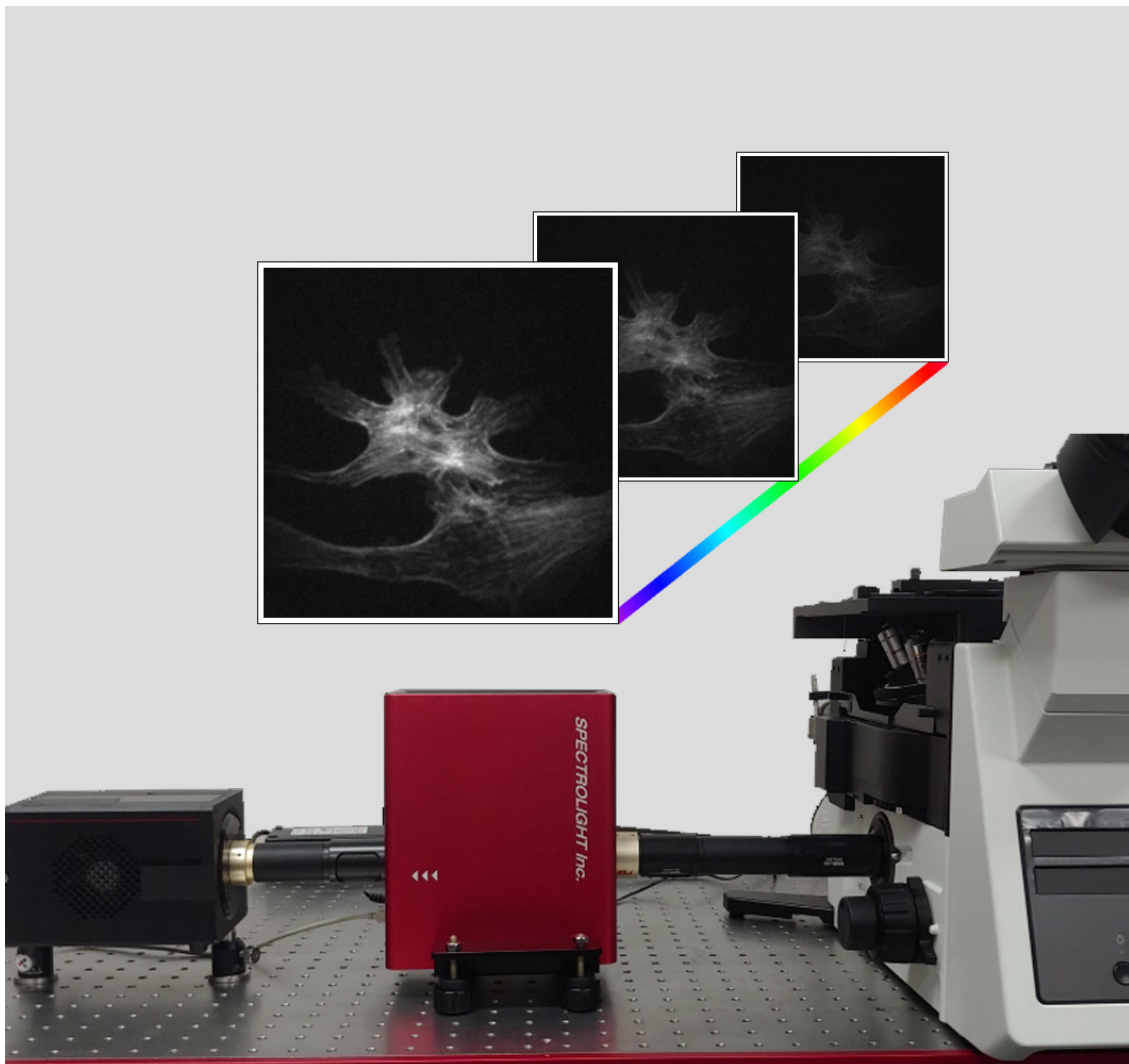


SPIE Photonics West/BiOS 2021 Digital Marketplace

Spectrolight will be participating as an exhibitor for SPIE's Photonics West and BIOS 2021 online-only exhibitions. Follow us on our social media for announcements.

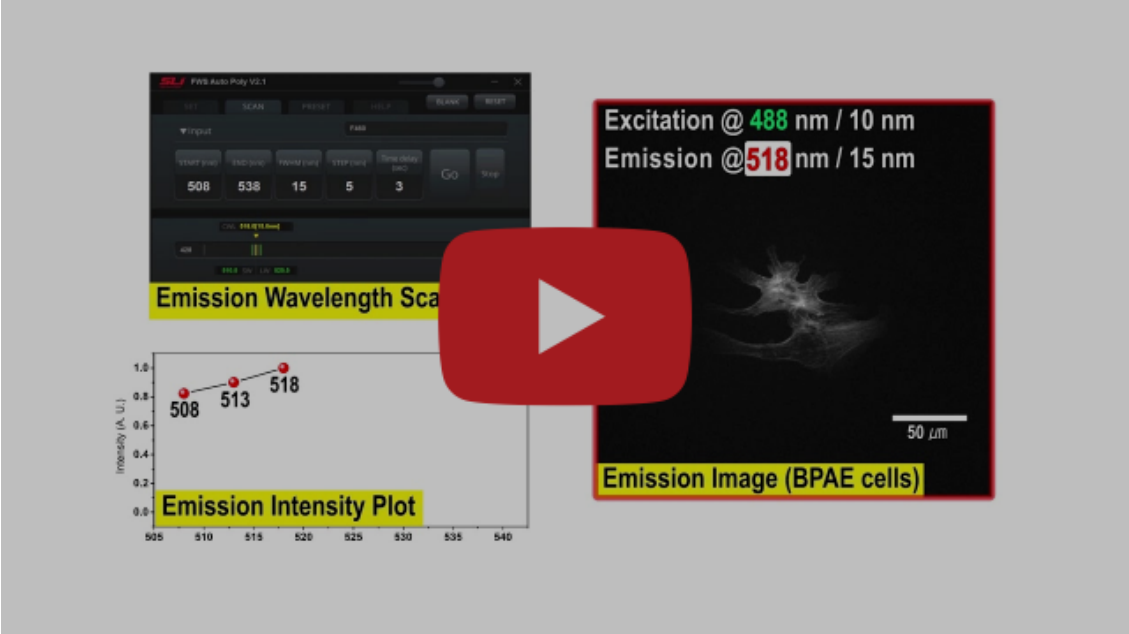


Spectrolight offers a variety of wavelength filtering solutions in hyperspectral imaging to accommodate various applications and budgets.

Application Note: Flexible Wavelength Selector (FWS) Poly for Hyperspectral Imaging

This video shows the application of our optical tunable filters, Flexible Wavelength Selector Poly, assembled at the emission port of a commercial microscope in a setup used for hyperspectral imaging.

[View Details](#)



Camera Add-on for Hyperspectral Imaging

Experimental Scheme

The diagram shows a light path from a 'Target Image' (SLi logo) through a 'Camera lens' and a 'Camera' to a 'Camera'.

Actual Setup

The photograph shows the physical hardware setup, including the SLi logo and the camera add-on.

Our Flexible Wavelength Selector (FWS) is assembled to a camera to enable hyperspectral imaging. The actual image of SLi logo is visualized while changing center wavelength.

Camera Add-on for Hyperspectral Imaging

The video demonstrates an image of the SLi logo being visualized while changing center wavelength. Center wavelength from 560 to 620 nm is scanned with an FWHM of 10 nm at a time delay of 2 seconds for every 20 nm. In the actual image of the SLi logo, the yellow-green background is centered at around 560 nm, while the orange colored letters SLi are centered at around 620 nm.

A new camera add-on for our FWS devices to enable hyperspectral imaging.

[Video Link](#)

For more information contact us at info@spectrolightinc.com

Application Note:

How to convert
fluorescence microscope
into hyperspectral imaging
microscope with FWS Poly

The photograph shows the FWS Poly device connected to a microscope.

[View Details](#)

See All Products

A truly revolutionary tool for spectroscopy and spectral imaging.

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Light Sources

Spectrolight offers a growing selection of unique light sources and related accessories

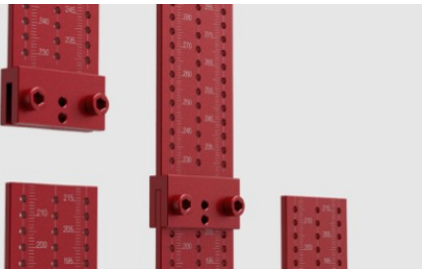
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Optical Components

Spectrolight provides a growing range of optomechanical components

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Systems

Spectrolight provides a growing range of innovative systems and related accessories

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