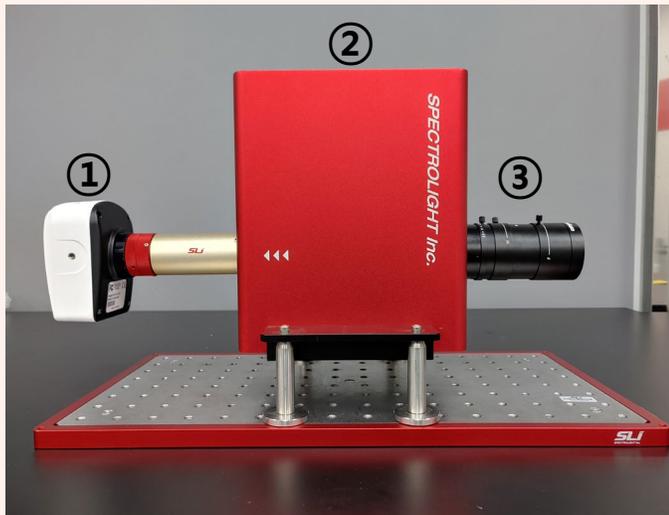


Hyperspectral imaging using Flexible Wavelength Selector



- ① : Camera
- ② : FWS-Poly
- ③ : Lens

Figure 1. FWS-poly connected to the camera and lens for hyperspectral imaging

FWS-poly can be usefully applied to the field of imaging detection. Through the combination of a diverse range of accessories and various imaging instruments such as cameras, lenses, both Macro and Micro hyperspectral imaging is possible according to the target size.

Also, It can be connected to a commercially available fluorescence microscope to perform hyperspectral imaging. By connecting to the emission port of the microscope, emission intensity and wide-field spectral images are simultaneously monitored during hyperspectral imaging.



Figure 2. The image of the whole target (left), the brightfield image (2nd image), and the hyperspectral images obtained with three different wavelengths (3rd ~ 5th images).