

Click to enlarge

Optics Module EPI-BLUE Fluorescence with 5 MP Camera

You must [log in](#) to view prices and add products to your cart.



Product Description

EPI-BLUE fluorescence optics module for the [SVM340](#) with 5 MP Black and White CMOS camera.

The digital EPI module is ideal for applications that that require precise wavelength discrimination, improved signal-to-noise ratio, and quantitative intensity measurements, including microfluidics and biological applications such as cell imaging. Epifluorescence capabilities let researchers visualize and record flows using greater selectivity, limits of detection, and resolution.

Each sealed EPI module is self-contained and includes a high-sensitivity camera, excitation and emission filters, a dichroic mirror, LED illuminator and objective mount (objective not included). Module can be used with the SVM340's four-channel external illuminator (A-ILLUM) for increased intensity.

Specifications:

Wavelengths: 476 nm excitation, 535 nm emission (contact LabSmith for other wavelength options)

Resolution: 2448 x 2048 pixel

Frame Rate: 38 fps at full resolution (up to 200 fps at reduced resolution)

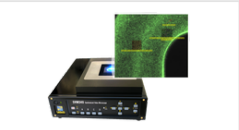
Interface: USB 3.0

Gain Control: auto or manual

Scan: progressive

Sensor: Sony IMX264LQ Pregius CMOS

Related Products



SVM340
Synchronized Video
Microscope



Optics Module with 5
MP Color Camera



A-SVM-OBJ DIN
Objective



A-SHIELD Light
Shield