

Dual-CCD Digital Microscope Camera



Olympus has introduced a dual-sensor scientific-grade microscope camera that combines advanced digital color technology with the high sensitivity of monochrome imaging, switching quickly between color and monochrome acquisition. The multifunctional Olympus DP80 dual-CCD digital camera offers two camera sensors in one: A full 12.5 megapixels of color imaging for brightfield microscopy applications in one sensor, along with 14-bit, high-sensitivity, low-noise monochrome imaging designed for fluorescence imaging in a separate imaging sensor.

The DP80 images up to 12.5 megapixels of color by capturing sub-pixel Bayer color information. Its fine-detail-processing mode enhances color resolution and results in sharper images. Its monochrome mode offers high sensitivity for dim fluorescence images.

Olympus' cellSens software drives the DP80's dual-sensor system.

Olympus America Inc., www.olympusamerica.com [1]

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