



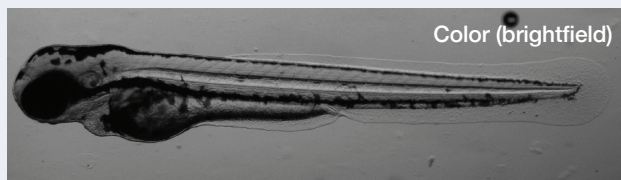
Digital Sight 10

Microscope Camera

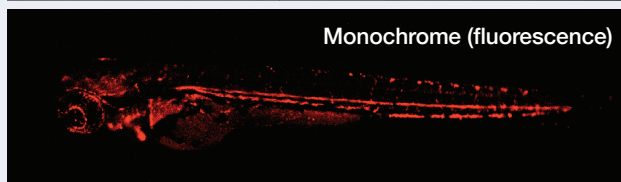


In life science research, there is a growing demand for digital microscope cameras able to acquire large volumes of data and observe fine structures. To meet these needs, Nikon has developed the Digital Sight 10, the latest microscope camera to feature Nikon's large FX format CMOS image sensor. The Digital Sight 10 supports 25 mm field of view imaging with 6000 x 3984 pixels (23.9 megapixels).

Supports both color and monochrome image acquisition



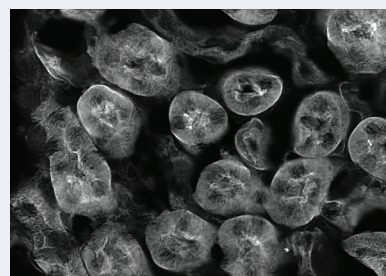
Color (brightfield)



Monochrome (fluorescence)

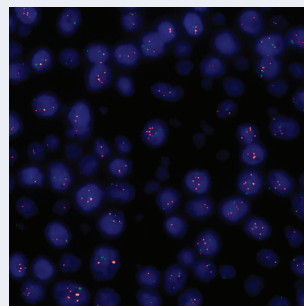
Since a single sensor is used for image acquisition, a consistent appearance can be maintained across color modes. Changing modes is achieved by simply switching between the color filter and the IR (infrared) filter for monochrome.

High-definition observation



High-resolution 6K images can be acquired up to the periphery of the field of view, making the Digital Sight 10 ideal for localization analysis and microstructure observation.

High sensitivity and low noise



The Digital Sight 10 achieves high sensitivity equivalent to ISO 200 in color mode and ISO 800 in monochrome mode. Clear fluorescence observation with a high signal-to-noise ratio is possible in both monochrome and color image acquisition.

For more information, scan the QR code or visit www.microscope.healthcare.nikon.com/ds10

