

BLACKLIGHT 5000



5MP CCD for low-light applications

BLACKLIGHT 5000 is a CCD camera which offers an excellent sensitivity together to high-resolution. This camera is ideal for bright field, dark field, and fluorescence imaging applications where higher resolution archiving and a wide dynamic range are required.

USB 2.0 digital interface ensures a simple plug&play installation; no framegrabber required.

Main applications: histology, immunofluorescence, FISH, fixed-cell GFP imaging, 3-D deconvolution, multiple-wavelength FRET, high-resolution time-lapse microscopy.

Sensor	1/1.8" color CCD
Pixel effettivi	2592x1944
Dim. pixel	2.77 μm x 2.77 μm
Frame rate	3,75 fps @full resolutio
Signal/noise	61dB
Max Exposure time	375 sec
Exposure	automatic or manual
White balance	automatic or manual
Gain	programmable
Output	USB 2.0
Lens mount	C-mount adapter
Binning options	2x1, 2x2
OS compatibility	32-64 bit Windows 7 / Vista / XP
Power requirement	USB