

BLACKLITE – 3000

3.2MP CCD for low-light applications

BLACKLIGHT-3000 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 frame grabber required.

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

Sensor	1/1.8" color CCD
Pixel effettivi	2048x1536
Dim. pixel	3.45 μm x 3.45 μm
Frame rate	5 fps @full resolution 10 fps in 2-channel mode
Signal/noise	61dB
Max Exposure time	410 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 32-64bit Mac OS X Snow Leopard/ Leopard
Power requirement	USB