

PROMICAM 2-8

8 Mpx Color CCD USB 2.0 Digital Camera
for Microscopy Applications



PROMICAM 2-8 color digital camera offers high sensitivity and high resolution for brightfield, darkfield, DIC and moderate light fluorescence microscopy applications.

Sensor Specifications	
Sensor Type	CCD, color, global shutter
Sensor Size	1/1.8"
Pixel Size	2.2 x 2.2 μm
Resolution	3264 x 2472 pixels (8 Mpx)
Camera Specification (when used with QuickPHOTO programs)	
Image Resolution	3264 x 2472, 1632 x 1230 pixels
Live View Resolution@Max. Frame Rate (fps)	3264 x 2472@2 fps 1632 x 1230@17 fps
Lower Resolutions	Binning
Exposure Times	1/870 – 8 s
Exposure Mode	Automatic, automatic-interactive, manual
White Balance	Automatic, automatic-regional, manual
Black Balance	Automatic-regional, manual
Camera Characteristics	
Sensitivity	10.2 DN/(nJ/cm ²)
Max. Signal to Noise Ratio	61 dB
Interface	USB 2.0
Mount	C-mount
Dimensions	99 x 74 x 55 mm
Weight	324 g
Minimal System Requirements	
Processor	Single-core 2.4 GHz
RAM	1 GB
USB ports	1x USB 2.0
Operating System	Microsoft® Windows® XP/Vista/7/8/8.1/10 (32bit or 64bit)

Main Features:

- 1/1.8" CCD color sensor
- Live view frame rate up to 17 fps
- Excellent sensitivity and color reproduction
- Aluminum case
- Stainless steel C-mount
- USB 2.0 interface
- Supported by QuickPHOTO programs

Suitable for Applications:

- Brightfield/Darkfield
- DIC
- Biology/Live Cell Imaging
- Moderate Light Fluorescence
- Gel Documentation
- Histology/Pathology/Cytology
- Metrology/Mineralogy/Metallurgy/Geology
- Quality control/ Semiconductor Inspection
- Documentation and Archiving
- Education

