

**OPTIKAM® PRO 3****HIGH RESOLUTION DIGITAL VIDEO CAMERA**

For PC-USE

C-mount system for video and still-image capturing at HIGH resolution.

An optical adapter (included) can be used to connect it to the eyepiece tube of mono-cular and binocular microscopes.

**Technical Features****OPTIKAM® PRO 3**

<b>Resolution</b>	2048 x 1536 pixels (3.2 Mpixel)
<b>Sensor</b>	CMOS 1/2"
<b>Pixel Size</b>	3.2 µm x 3.2 µm
<b>Imaging Area</b>	6.55 mm x 4.92 mm
<b>Frame Rate at Full Resolution</b>	6 frames/sec
<b>Frame Rate at Half Resolution</b>	21 frames/sec
<b>Optical Format</b>	1/2"
<b>Aspect Ratio</b>	4:3
<b>S/N Ratio</b>	43 dB max
<b>Dynamic Range</b>	61 dB
<b>ADC</b>	10 bit
<b>Data Output (Uncompressed Video)</b>	3x8 bit
<b>Exposure Range</b>	0.2 -231 msec
<b>Sensitivity</b>	1.0 V/Lux-second
<b>System Requirements</b>	Windows XP SP2 or later, USB 2.0 port
<b>Software</b>	Optika Vision® software package, TWAIN interface
<b>Capture Features</b>	Continuous auto white balance, continuous auto exposure, averaging, subsampling (decimation)
<b>Included with the camera</b>	3 m USB cable, C-mount lens adaptor, adaptor for stereomicroscope, 76x24mm micrometric calibration slide, C-mount cap, box

**OPTIKAM® PRO 5****HIGH RESOLUTION DIGITAL VIDEO CAMERA**

For PC-USE



C-mount system for video and still-image capturing at HIGH resolution.

An optical adapter (included) can be used to connect it to the eyepiece tube of monocular and binocular microscopes.

**Technical Features****OPTIKAM® PRO 5**

<b>Resolution</b>	2560 x 1920 (5.0 Mpixel)
<b>Sensor</b>	CMOS 1/1.8"
<b>Pixel Size</b>	2.77 $\mu\text{m}$ x 2.77 $\mu\text{m}$
<b>Imaging Area</b>	7.33 mm x 5.44 mm
<b>Frame Rate at Full Resolution</b>	4 frames/sec
<b>Frame Rate at Half Resolution</b>	15 frames/sec
<b>Optical Format</b>	1/1.8"
<b>Aspect Ratio</b>	4:3
<b>S/N Ratio</b>	42 dB max
<b>Dynamic Range</b>	61 dB
<b>ADC</b>	10 bit
<b>Data Output (Uncompressed Video)</b>	3x8 bit
<b>Exposure Range</b>	0.125-249.7 msec
<b>Sensitivity</b>	1.2 V/Lux-second
<b>System Requirements</b>	Windows XP SP2 or later, USB 2.0 port
<b>Software</b>	Optika Vision® software package, TWAIN interface
<b>Capture Features</b>	Continuous auto white balance, continuous auto exposure, averaging, subsampling (decimation)
<b>Included with the camera</b>	3 m USB cable, C-mount lens adaptor, adaptor for stereomicroscope, 76x24mm micrometric calibration slide, C-mount cap, box