



Model:  
**OPTIKAM PRO 8LT - 4083.18LT**

Typology:  
**OPTIKAM PRO SERIE**

*Description:*  
C-mount & USB CCD camera for video and still-image capturing with high color fidelity

### CAMERA SPECIFICATION

Digital camera resolution	8.0 MegaPixels
Analog camera resolution	NO
Signal output	USB 2.0
Audio Signal	NO
Sensor Size	1\1.8" Sony Sensor
Sensor technology	CCD
Image format	4\3
Full Image size	3264 x 2472
Pixel size	2.22 x 2.22 micron
Frame rate full resolution	2 frames/sec (max resolution)
Frame rate other resolutions	20 frame/sec (live view mode)
Sensitivity	1.60 V/Lux-second (550 nm)
Signal / noise ratio	61 dB
Dynamic range	70 dB
Max Exposure time	26 sec
ADC conversion	12 BIT
Color Depth	12 BIT
ON board Memory	NO
External Memory Card	NO
External camera power	PC USB
Cooling system	NO
External Cooling power	NO
On camera case IR Filter	BP 680 nm
Automatic White Balance	Auto / Man
Automatic Gain Control	Auto / Man
Automatic Back light control	Auto / Man
Exposure control	Auto / Man
C-Mount connection	YES ( Stainless Steel )
CS-Mount connection	NO

**ACCESSORIES**

CS-mount to C-mount Ring	NO
Optical adapters	NO
Adapters for Binocular & Monocular microscopes	NO
Calibration Slide	YES
Always Included	3.0 m USB cable, Installation manual, CD rom,

**SOFTWARE SPECIFICATION**

System requirements	Windows XP / Vista / win7 / win8 / win10 / 32-64 bit / usb 2,0
Supplied Software	Optika Vision Pro Plus
Driver types	Optika driver, Direct Show, TWAIN, SDK
Capture features	Continuous auto white balance, continuous auto exposure, averaging, subsampling, image capture, extended exposure
Control parameters	Brightness, goal brightness, gain, gamma, exposur time, colors set, contrast, saturation, flip

**GENERAL SPECIFICATION**

Working temperature	+0 up to +60°C
Storage temperature	-20 up to +70°C
Relative Humidity	45% up to 85%
Dimensions	9,5 x 7cm Height: 4,5cm
Weight	510 gr