

OPTIKAM PRO 5**OPTIKAM PRO 5LT**

Model:

OPTIKAM PRO 5 - PRO 5LT

Typology:

OPTIKAM® PRO SERIE*Description:**C-mount & USB cameras for video and still-image capturing with high performances.***CAMERA SPECIFICATION**

Digital camera resolution	5,0 MegaPixels
Analog camera resolution	NO
Signal output	USB 2.0
Audio Signal	NO
Sensor Size	1\2,5"
Sensor technology	CMOS
Image format	4\3
Full Image size	2592 x 1944
Pixel size	2,2 x 2,2 micron
Frame rate full resolution	3 frames/sec (2592 x 1944)
Frame rate other resolutions	12 frame/sec (1296 x 972)
Sensitivity	0,53 V/Lux-second (550 nm)
Signal / noise ratio	40,5 dB
Dynamic range	69 dB
Max Exposure time	0,428 sec
ADC conversion	12 BIT
Color Depth	8 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	0,45x (for 23mm eyepiece tube), NOT supplied with the PRO5-LT model
Adapters for Binocular & Monocular microscopes	30 mm diameter , NOT supplied with the PRO5-LT model
Calibration Slide	YES
Always Included	3,0 m USB cable, Installation manual, CD rom.

SOFTWARE SPECIFICATION

System requirements	Windows XP / Vista / win7 / win8 / 32-64 bit / usb 2.0
Supplied Software	Optika Vision Pro
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 7 cm Height : 4,5 cm Height with optical adapter: 8cm
Weight	450 gr