

OPTIKAM PRO 3**OPTIKAM PRO 3LT**

Model:

OPTIKAM PRO 3 - PRO 3LT

Type:

OPTIKAM® PRO SERIE

Description:

*C-mount & USB cameras for video and still-image capturing with high performances.***CAMERA SPECIFICATION**

Digital camera resolution	3,2 MegaPixels
Analog camera resolution	NO
Signal output	USB 2.0
Audio Signal	NO
Sensor Size	1/2"
Sensor technology	CMOS
Image format	4/3
Full Image size	2048 x 1536
Pixel size	3,2 x 3,2 micron
Frame rate full resolution	12 frames/sec (2048x1536)
Frame rate other resolutions	24 frame/sec (1024x768)
Sensitivity	1,0 V/Lux-second (550 nm)
Signal / noise ratio	43 dB
Dynamic range	63 dB
Max Exposure time	26 sec
ADC conversion	10 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 PRO3-LT model
Adapters for Binocular & Monocular microscopes	30 mm diameter , NOT supplied with the PRO3-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 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 7 cm Height : 4,5 cm Height with optical adapter: 8cm
Weight	450 gr