



Model:

OPTIKAM B2

Type:

OPTIKAM® BUDGET SERIE

Description:

*C-mount Camera***CAMERA SPECIFICATION**

Digital camera resolution	2 MegaPixels
Analog camera resolution	NO
Signal output	USB 2.0
Audio Signal	NO
Sensor Size	1/3.2"
Sensor technology	CMOS
Image format	4/3
Full Image size	1600 x 1200
Pixel size	2,8 x 2,8 micron
Frame rate full resolution	15 frames/sec (1600x1200)
Frame rate other resolutions	30 frames/sec (800x600)
Sensitivity	1,0 V/Lux-second (550 nm)
Signal / noise ratio	42,3 dB max
Dynamic range	71 dB
Max Exposure time	Auto
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	700 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
CS-Mount connection	YES

ACCESSORIES

CS-mount to C-mount Ring	YES
Optical adapters	NO
Adapters for Binocular & Monocular microscopes	NO
Calibration Slide	YES
Always Included	1.8 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 Lite, Optika MiPro
Driver types	No Driver (Microsoft Driver)
Capture features	Continuous auto white balance, continuous auto exposure, image size, image capture , video capture
Control parameters	Image size, brightness, gain, contrast, tonality, gamma, white balance

GENERAL SPECIFICATION

Working temperature	-30 up to +70°C
Storage temperature	-30 up to +70°C
Relative Humidity	45% up to 85%
Dimensions	Height: 5,5 cm Diameter: 6,5 cm
Weight	200 gr

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