



Model:

OPTIKAM EC2 - 4083.EC2

Type:

EYEPiece CAMERA

Description:

*OPTIKAM EC2, 2 MP CMOS eyepiece camera***CAMERA SPECIFICATION**

Digital camera resolution	2 MP
Analog camera resolution	NO
Signal output	USB 2.0
Audio Signal	NO
Sensor Size	1\3"
Sensor technology	CMOS
Image format	4\3
Full Image size	1600x1200
Pixel size	2.8x2.8 µm
Frame rate full resolution	30 fps (640x480)
Frame rate other resolutions	15 fps (1600x1200)
Sensitivity	1.9 V/lux-sec (550 nm)
Signal / noise ratio	42.3 dB max
Dynamic range	71 dB
Max Exposure time	Auto
ADC conversion	8 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	NO
CS-Mount connection	NO

ACCESSORIES

CS-mount to C-mount Ring	NO
Optical adapters	With no lens adapter, for 23 mm eyepiece tube
Adapters for Binocular & Monocular microscopes	30 and 30.5 mm diameter
Calibration Slide	NO
Always Included	1.5 m USB cable, Installation manual, CD rom

SOFTWARE SPECIFICATION

System requirements	Win Vista / Win 7 / Win 8 / Win 10 (32 o 64 bit) USB 2.0
Supplied Software	OPTIKA Vision Lite
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	-10 up to +60°C
Storage temperature	-10 up to +60°C
Relative Humidity	40% up to 90%
Dimensions	Height: 6 cm Diameter: 3 cm
Weight	100 gr