



Model:
USB 4083.4

Type:
EDUCAM® MULTIMEDIA CAMERAS

Description:
Multimedia camera

CAMERA SPECIFICATION

Digital camera resolution	0,3 MegaPixels
Analog camera resolution	PAL 582 x 420
Signal output	PAL , USB2.0
Audio Signal	Analog
Sensor Size	1\3"
Sensor technology	CCD
Image format	4\3
Full Image size	640 x 480
Pixel size	9,6 x 7,5 micron
Frame rate full resolution	50 frames\sec (analog mode) , 25 frames\sec (digital mode)
Frame rate other resolutions	NO
Sensitivity	Minimum illumination : 0.08 LUX / F1.2
Signal / noise ratio	>48 dB
Dynamic range	56 dB
Max Exposure time	1/60 sec
ADC conversion	8 BIT
Color Depth	8 BIT
ON board Memory	NO
External Memory Card	NO
External camera power	15V DC power supply
Cooling system	NO
External Cooling power	NO
On camera case IR Filter	700 nm
Automatic White Balance	Auto
Automatic Gain Control	Auto
Automatic Back light control	Auto
Exposure control	Auto
C-Mount connection	NO
CS-Mount connection	NO
Camera Purpose	as an Enlarger, as an Episcopes, as a microscope Camera
Working distance	from 0,76 mm to infinity
Objective	8mm
Maximum magnification	90x

ACCESSORIES

CS-mount to C-mount Ring	NO
Optical adapters	Adapter for microscopes
Adapters for Binocular & Monocular microscopes	30 mm diameter
Calibration Slide	NO
Always Included	USB cable, RCA Video cable, RCA Audio cable, SCART for TV plug, Instruction manual, CD rom, power supply

SOFTWARE SPECIFICATION

System requirements	Windows XP / Vista / win7 / win8 / 32-64 bit / usb 2.0
Supplied Software	Power Director V8 (Cyberlink)
Driver types	USB 2861 Device
Capture features	Continuous auto white balance, continuous auto exposure, image capture, video capture
Control parameters	Brightness, contrast, tonality, saturation

GENERAL SPECIFICATION

Working temperature	-10 up to +60°C
Storage temperature	-20 up to +70°C
Relative Humidity	45% up to 85%
Dimensions	Arm length: 65 cm Total height: 80 cm Base diameter: 17 cm
Weight	3,5 Kg