



Model:  
**STUDENT 4083.2**

Type:  
**EDUCAM® MULTIMEDIA CAMERAS**

Description:  
*Multimedia camera*

### CAMERA SPECIFICATION

Digital camera resolution	NO
Analog camera resolution	PAL 582 x 420
Signal output	PAL
Audio Signal	NO
Sensor Size	1\3"
Sensor technology	CCD
Image format	4\3
Pixel size	9.6 x 7.5 micron
Frame rate full resolution	50 frames\sec (analog mode)
Frame rate other resolutions	NO
Sensitivity	Minimum illumination : 0.08 LUX / F1.2
Signal / noise ratio	>48 dB
Dynamic range	56 dB
ADC conversion	No (Analog conversion)
Color Depth	No (Analog conversion)
ON board Memory	NO
External Memory Card	NO
External camera power	12V 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	YES
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	8 mm
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	RCA Video cable, RCA Audio cable, SCART for TV plug, Instruction manual, power supply

**SOFTWARE SPECIFICATION**

System requirements	NO
Supplied Software	NO
Driver types	NO
Capture features	NO
Control parameters	NO

**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: 50 cm Total height: 65 cm Base diameter: 17 cm
Weight	3.4 Kg

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