



Model:

**VC-02**

Type:

**CCD CAMERAS**

Description:

*Videomicroscopy system***CAMERA SPECIFICATION**

Digital camera resolution	NO
Analog camera resolution	PAL 420 x 582
Signal output	PAL , details : BNC VBS 1.0Vp-p, 75 Ohm
Audio Signal	NO
Sensor Size	1\3"
Sensor technology	CCD, Sony
Image format	4\3
Full Image size	420 x 582
Pixel size	9,6 x 7,5 micron
Frame rate full resolution	50 frames\sec
Frame rate other resolutions	NO
Sensitivity	High, minimum illumination : 0.01 LUX / F1.2
Signal / noise ratio	>48 dB
Dynamic range	80 dB
Max Exposure time	1/60 sec
ADC conversion	No (Analog conversion)
Color Depth	No (Analog conversion)
ON board Memory	NO
External Memory Card	NO
External camera power	220 VAC 50-60Hz, load current about 150mA
Cooling system	NO
External Cooling power	NO
On camera case IR Filter	700 nm
Automatic White Balance	ON / OFF switcher
Automatic Gain Control	ON / OFF switcher
Automatic Back light control	ON / OFF switcher
Exposure control	Auto
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	NO
Always Included	RCA Video cable, BNC camera plug, SCART for TV plug, Instruction manual

**GENERAL SPECIFICATION**

Working temperature	-10 up to +60°C
Storage temperature	-20 up to +70°C
Relative Humidity	45% up to 85%
Dimensions	6 x 5 cm Height: 13 cm
Weight	400 gr