



Model:

**C-B10**

Type:

**MICROSCOPE CAMERA "BUDGET" SERIES**

Description:

*USB2.0 C-mount and Eyepiece Microscope Camera*

Distributore Autorizzato : Geass S.r.l. - Torino - Tel.: +39 011.22.91.578 - info@geass.com - web site :www.geass.com

**CAMERA SPECIFICATION**

Digital camera resolution	10 MegaPixels (3584 x 2748)
Signal output	USB2.0
Sensor Size	1/2.3"
Sensor technology	CMOS
Sensor type	Aptina CMOS
Image format	4/3
Pixel size	1,67 x 1,67 microns
Frame rate full resolution	3.3 fps (3584 x 2748)
Frame rate other resolutions	38 fps (896 x 684)
Sensitivity	0,31 V/lux-second
Signal / noise ratio	34 dB
Dynamic range	65,2 dB
ADC conversion	8 Bit
Color Depth	1Bit; 4Bit; 8Bit; 24Bit
Exposure Time	0.4 msec - 2 sec
Binning	1x1; 2x2; 4x4
IR filter	380-650 nm (IR-cut filter)
Camera power	PC USB
C-mount	YES

**ACCESSORIES**

Optical adapters	0,5x (for 23mm eyepiece tube)
Adapters for Binocular & Monocular microscopes	30 mm & 30,5mm diameter
Calibration Slide	YES
Always Included	1.8 m USB cable, Installation manual , CD rom

**ENVIRONMENT SPECIFICATION**

Working temperature	-10 up to +50°C
Storage temperature	-20 up to +60°C
Relative Humidity	30% to 80%
Storage Humidity	10% to 60%
Dimensions	58 x 58 x 36.4 mm
Weight	0,18 Kg

**SYSTEM REQUIREMENTS**

Operating System	Windows XP / Vista / 7 / 8 / 10 (32 & 64 Bit) OSx (Mac OSx) Linux
PC Requirements	CPU: Equal to Intel Core2 2.8GHz or higher RAM: 2GB or more USB port: USB2.0 Monitor: 17" or more CD-ROM