



USB 2.0 C-mount and Eyepiece Microscope Camera

Camera specifications	PC Camera resolution (MP)	5.1
	Camera resolution (n° of pixels: W x H)	2592x1944
	USB Signal output	USB 2.0
	Color / Monochrome	Color
	Sensor Size	1/2.5"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Rolling Shutter	Yes
	Image Format	4/3
	Pixel Size (mm)	2.2x2.2
	Frame rate full resolution (fps)	7@2592x1944
	Frame rate other resolution (fps)	27@128x960; 90@640x480
	Sensitivity	0.53 V/lux-second
	Signal/noise Ratio (DB)	40.5
	Dynamic range (DB)	66.5
	ADC conversion	8 Bit
	Color Depth	1, 4, 8, 24 Bit
	Exposure time	0.294 msec - 2 sec
	Binning	1x1; 2x2; 4x4
	IR filter	Yes
	IR filter range (nm)	380-650 (IR CUT)
	Cooling Temperature	None
	Camera Power	PC USB
	C-Mount	Yes
	Dimensions (mm)	58 x 58 x 36.4
	Weight (Kg)	0.18

Camera accessories	Optical adapter (for 23mm eyepiece tube)	0.5x
	Adapter ring	Yes
	Diameter of adapter ring (mm)	30
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	Calibration slide	Yes
	USB cable (1.8m)	Yes

Environment specifications	Working Temperature	-10°C up to +50°C
	Storage Temperature	-20°C up to +60°C
	Relative Humidity	30% to 80%
	Storage Humidity	10% to 60%

Operating System	OS	Windows XP/Vista
	OS	Windows 7
	OS	Windows 8
	OS	Windows 10 (32Bit)
	OS	Windows 10 (64Bit)
	OS	Osx (MAC Osx) starting from 10.7.5
	OS	Linux
Available Software	SW	PROVIEW
	SW	LITEVIEW
	SW	OptikaVision Lite
PC requirements	PC	CPU: Intel Core2 - 2.8GZ or higher
	PC	RAM: 2GB or more
	PC	USB 2.0
Warranty	Years	5