



*High Performance USB 3.0 C-mount  
Microscope Camera*

<b>Camera specifications</b>	PC Camera resolution (MP)	3.1
	Camera resolution (n° of pixels: W x H)	2048x1536
	USB Signal output	USB.3.0
	Color / Monochrome	Color
	Sensor Size	1/2.8"
	Sensor Technology	CMOS
	Sensor Type	SONY EXMOR
	Rolling Shutter	Yes
	Image Format	4/3
	Pixel Size (mm)	2.5x2.5
	Frame rate full resolution (fps)	50@2048x1536
	Frame rate other resolution (fps)	50@1920x1080
	Dynamic range (DB)	66
	G sensitivity	600mV at 1/30s
	Dark Signal	0.15mV at 1/30s
	ADC conversion	8 Bit - 12Bit
	Color Depth	1, 4, 8, 24 Bit
	Exposure time	0.1 msec - 15 sec
	Binning	1x1
	IR filter	Yes
	IR filter range (nm)	380-650 (IR CUT)
	Cooling Temperature	None
	Camera Power	PC USB
C-Mount	Yes	
Dimensions (mm)	68 x 68 x 46	
Weight (Kg)	0.265	

<b>Camera accessories</b>	Calibration slide	Yes
	USB cable (1.8m)	Yes

<b>Environment specifications</b>	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%

<b>Operating System</b>	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

<b>Available Software</b>	SW	PROVIEW
	SW	LITEVIEW

<b>PC requirements</b>	PC	CPU: Intel Core2 - 2.8GZ or higher
	PC	RAM: 2GB or more
	PC	USB 3.0

<b>Warranty</b>	Years	2
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