



*USB 2.0 C-mount and Eyepiece  
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 2.0
	Color / Monochrome	Color
	Sensor Size	1/2"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Rolling Shutter	Yes
	Image Format	4/3
	Pixel Size (mm)	3.2x3.2
	Frame rate full resolution (fps)	12@2048x1536
	Frame rate other resolution (fps)	32@1024x768; 45@680x510
	Sensitivity	1 V/lux-second
	Signal/noise Ratio (DB)	43
	Dynamic range (DB)	61
	ADC conversion	8 Bit
	Color Depth	1, 4, 8, 24 Bit
	Exposure time	0.244 msec - 2 sec
	Binning	1x1; 2x2; 3x3
	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	
<b>Camera accessories</b>	Optical adapter (for 23mm eyepiece tube)	0.5x
	Adapter ring	Yes
	Diameter of adapter ring (mm)	30
	Diameter of adapter ring (mm)	30.5
	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
<b>Warranty</b>	Years	2

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