



*High Performance USB 3.0 C-mount
Microscope Camera*

Camera specifications	PC Camera resolution (MP)	12.3
	Camera resolution (n° of pixels: W x H)	4096x3000
	USB Signal output	USB.3.0
	Color / Monochrome	Color
	Sensor Size	1.1"
	Sensor Technology	CMOS
	Sensor Type	SONY EXMOR
	Global Shutter	Yes
	Image Format	16/9
	Pixel Size (µm)	3.45x3.45
	Frame rate full resolution (fps)	23.4@4096x3000
	Frame rate other resolution (fps)	46.3@2048x1500
	Dynamic range (DB)	70.60
	G sensitivity	1146mV at 1/30s
	Dark Signal	0.15mV at 1/30s
	ADC conversion	8 Bit - 12Bit
	Color Depth	1, 4, 8, 24 Bit
	Exposure time	0.244 msec - 15 sec
	Binning	1x1
	IR filter	Yes
	IR filter range (nm)	380-650 (IR CUT)
	Camera Power	PC USB
C-Mount	Yes	
Dimensions (mm)	68 x 68 x 46	
Weight (Kg)	0.265	

Camera accessories	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 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

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

Warranty	Years	2
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