



*High Performance USB 3.0 C-mount  
Microscope Camera*

<b>Camera specifications</b>	PC Camera resolution (MP)	8.3
	Camera resolution (n° of pixels: W x H)	3840x2160
	USB Signal output	USB.3.0
	Color / Monochrome	Color
	Sensor Size	1/2.5"
	Sensor Technology	CMOS
	Sensor Type	SONY EXMOR
	Rolling Shutter	Yes
	Image Format	16/9
	Pixel Size (mm)	1.62x1.62
	Frame rate full resolution (fps)	32@3840x2160
	Frame rate other resolution (fps)	65@1920x1080
	Dynamic range (DB)	65
	G sensitivity	236mV at 1/30s
	Dark Signal	0.1mV at 1/30s
	ADC conversion	8 Bit - 12Bit
	Color Depth	1, 4, 8, 24 Bit
	Exposure time	0.244 msec - 15 sec
	Binning	1x1; 2x2
	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%

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 3.0

Warranty	Years	2
----------	-------	---



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

Please contact us if this literature doesn't answer all your questions.