



USB 3.0 C-mount and Eyepiece Microscope Camera

General specifications	USB output	Yes
	C-Mount	Yes
	Dimensions (mm)	68 x 68 x 46
	Weight (kg)	0.28
Sensor	Camera resolution (n° of pixels: W x H)	2048x1536
	Color / Monochrome	Color
	Sensor Size	1/3"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Image Format	4/3
	Pixel Size (µm)	2.2x2.2
	Acquisition technology	Rolling shutter
	Sensitivity	1.9 V/lux-second
	Signal/Noise Ratio (DB)	39
	Dynamic range (DB)	100
	ADC conversion	8 Bit - 12Bit
	Color Depth	1, 4, 8, 24 Bit
	Exposure time	0.1 msec - 2 sec
Binning	1x1; 2x2	
IR filter	Yes	
IR filter range (nm)	380-650 (IR CUT)	
USB	PC Camera resolution (MP)	3.1
	USB standard	USB3.0
	Frame rate full resolution (fps)	27.3@2048x1536
	Frame rate other resolution (fps)	53.3@1024x770
Camera Power Supply	Connector	USB
	Output voltage	PC USB
Camera accessories	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

Environment	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	PC SW	PROVIEW
	PC SW	LITEVIEW

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