



USB 2.0 Eyepiece Microscope Camera

<b>Camera General specifications</b>	USB output	Yes
	Housing	Aluminium
	Dimensions (mm)	30 (diam) x 40 (H)
	Weight (kg)	0.1
<b>Sensor</b>	Camera resolution (n° of pixels: W x H)	1920x1080
	Color / Monochrome	Color
	Sensor Size	1/2.8"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Image Format	4/3
	Pixel Size (µm)	2.9x2.9
	Acquisition technology	Rolling shutter
	Sensitivity	1300mV/lux-sec
	Signal/Noise Ratio (DB)	43
	Dynamic range (DB)	73
	ADC conversion	8 Bit
	Color Depth	8 Bit
	Exposure time	0.1ms - 2 sec
Binning	1x1	
IR filter	Yes	
IR filter range (nm)**	380-650 (IR CUT)	
<b>USB</b>	PC Camera resolution (MP)	2
	USB standard	USB2.0
	Frame rate full resolution (fps)	38@1920x1080
	Frame rate other resolution (fps)	385@960x540
<b>Camera Power Supply</b>	Connector	Mini USB
	Output voltage	PC USB
	LED indicator	Yes
<b>Camera accessories</b>	Adapter ring	Yes
	Diameter of adapter ring (mm)	30
	Diameter of adapter ring (mm)	30.5
	USB cable (1.8m)	Yes

<b>Environment</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 8
	OS	Windows 10 (32Bit)
	OS	Windows 10 (64Bit)
	OS	Windows 11
	OS	Osx (MAC Osx) starting from 10.7.5 (only LITEVIEW)
	OS	Linux (only LITEVIEW)
<b>Available Software</b>	PC SW	PROVIEW
	PC SW	LITEVIEW
<b>PC requirements</b>	PC	CPU: Intel Core2 - 2.8GHz or higher
	PC	RAM: 2GB or more
	PC	USB 2.0