



*USB 3.0 C-mount and Eyepiece  
Microscope Camera*

<b>General specifications</b>	USB output	Yes
	C-Mount	Yes
	Dimensions (mm)	68 x 68 x 46
	Weight (kg)	0.28
<b>Sensor</b>	Camera resolution (n° of pixels: W x H)	4912x3684
	Color / Monochrome	Color
	Sensor Size	1/2.3"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Image Format	4/3
	Pixel Size (mm)	1.25x1.25
	Acquisition technology	Rolling shutter
	Sensitivity	0.62V/lux-second
	Signal/Noise Ratio (DB)	36.3
	Dynamic range (DB)	65.8
	ADC conversion	8 Bit - 12Bit
	Color Depth	1, 4, 8, 24 Bit
	Exposure time	0.1 msec - 2 sec
	Binning	1x1; 2x2; 4x4
IR filter	Yes	
IR filter range (nm)**	380-650 (IR CUT)	
<b>** If used for red emission fluorescence wavelengths above 650nm please order it by specifying with "AR GLASS"</b>		
<b>USB</b>	PC Camera resolution (MP)	18
	USB standard	USB3.0
	Frame rate full resolution (fps)	5.6@4912x3684
	Frame rate other resolution (fps)	18.1@2456x1842; 32.2@1228x922
<b>Camera Power Supply</b>	Connector	USB
	Output voltage	PC USB

<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</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	Windows 11
	OS	Osx (MAC Osx) starting from 10.7.5
	OS	Linux

<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 3.0