



USB 3.0 C-mount and Eyepiece Microscope Camera

Camera specifications	PC Camera resolution (MP)	3.1
	Camera resolution (n° of pixels: W x H)	2048x1536
	USB Signal output	USB.3.0
	Color / Monochrome	Color
	Sensor Size	1/3"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Rolling Shutter	Yes
	Image Format	4/3
	Pixel Size (µm)	2.2x2.2
	Frame rate full resolution (fps)	27.3@2048x1536
	Frame rate other resolution (fps)	53.3@1024x770
	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)
Camera Power	PC USB	
C-Mount	Yes	
Dimensions (mm)	68 x 68 x 46	
Weight (Kg)	0.28	

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 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
-----------------	-------	---