



USB 2.0 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 2.0
	Color / Monochrome	Color
	Sensor Size	1/2"
	Sensor Technology	CMOS
	Sensor Type	APTINA CMOS
	Rolling Shutter	Yes
	Image Format	4/3
	Pixel Size (mm)	3.2x3.2
	Frame rate full resolution (fps)	12@2048x1536
	Frame rate other resolution (fps)	32@1024x768; 45@680x510
	Sensitivity	1 V/lux-second
	Signal/noise Ratio (DB)	43
	Dynamic range (DB)	61
	ADC conversion	8 Bit
	Color Depth	1, 4, 8, 24 Bit
	Exposure time	0.244 msec - 2 sec
	Binning	1x1; 2x2; 3x3
	IR filter	Yes
	IR filter range (nm)	380-650 (IR CUT)
	Cooling Temperature	None
	Camera Power	PC USB
	C-Mount	Yes
	Dimensions (mm)	58 x 58 x 36.4
	Weight (Kg)	0.18

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 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 2.0
Warranty	Years	5