



USB 2.0 C-mount and WiFi Microscope Camera

Camera specifications	PC Camera resolution (MP)	5
	WiFi Camera resolution (MP)	2
	Camera resolution (n° of pixels: W x H)	2592x1944
	USB Signal output	USB 2.0
	WiFi Signal output	Yes
	Color / Monochrome	Color
	Sensor Size	1/2.5"
	Sensor Technology	CMOS
	Sensor Type	MICRON CMOS
	Rolling Shutter	Yes
	Image Format	4/3
	Pixel Size (mm)	2.2x2.2
	Frame rate full resolution (fps)	3@2592x1944
	Frame rate other resolution (fps)	11@640x480; 8@1024x768
	WiFi Frame rate Low resolution (fps)	2@ 640x480 (10 users)
	WiFi Frame rate other resolution (fps)	1@ 1024x768 (10 users); 1fps/3sec@ 1600x1200 (10 users)
	WiFi Speed	802.11n 150Mbps
	WiFi Signal	From the camera
	WiFi Antenna	2.4GHz 5DB
	WiFi Signal ready in	About 40 seconds after turning on
	Sensitivity	0.53V/lux-sec
	Signal/noise Ratio (DB)	40.5
	Dynamic range (DB)	>60
	ADC conversion	8 Bit
	Color Depth	8 Bit
	Exposure time	Auto
	Binning	1x1
	IR filter	Yes
	IR filter range (nm)	650
Camera Power	5V 2A	
C-Mount	Yes	
CS-Mount	Yes	
Dimensions (mm)	70 x 70 x 40	
Weight (Kg)	0.08	

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	0°C up to +60°C
	Storage Temperature	-10°C up to +50°C
	Relative Humidity	40% to 90%
	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)
Available Software	SW	OptikaVision Lite
PC requirements	PC	CPU: Intel Core2 - 2.8GZ or higher
	PC	RAM: 2GB or more
	PC	USB 2.0
Warranty	Years	2

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