



*USB 2.0 C-mount and WiFi Microscope Camera*

<b>Camera specifications</b>	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	

<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 specifications</b>	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%

<b>Operating System</b>	OS	Windows XP/Vista
	OS	Windows 7
	OS	Windows 8
	OS	Windows 10 (32Bit)
	OS	Windows 10 (64Bit)

<b>Available Software</b>	SW	OptikaVision Lite
---------------------------	----	-------------------

<b>PC requirements</b>	PC	CPU: Intel Core2 - 2.8GZ or higher
	PC	RAM: 2GB or more
	PC	USB 2.0

<b>Warranty</b>	Years	2
-----------------	-------	---