



Model:
OPTIKAM WiFi

Typology:
MULTI-PURPOSE CAMERA

Description:
WiFi CS-mount camera

CAMERA SPECIFICATION

PC camera resolution	5 MegaPixels
WiFi camera resolution	2 MegaPixels
Signal output	USB 2.0, WiFi
Audio Signal	NO
Sensor Size	1/2.5"
Sensor technology	Micron CMOS
Image format	4/3
Full Image size	2592 x 1944
Pixel size	2,2 x 2,2 micron
USB Frame rate Full resolution	3 frames/sec: 2592 x 1944
USB Frame rate other resolutions	11 frames/sec: 640 x 480, 8 frames/sec: 1024 x 768
WiFi Frame rate Low resolution	2 frames/sec: 640 x 480 with 10 users
WiFi Frame rate other resolutions	1 frames/sec: 1024 x 768 with 10 users, 1 frames/3sec: 1600 x 1200 with 10 users
WiFi Speed	802.11n 150Mbps
WiFi Signal	from the camera
WiFi Router requirements	NO
WiFi password	NO
WiFi Antenna	2.4GHz 5DB
WiFi Signal ready to	About 40 sec from the first power up
Ethernet port	NO
Sensitivity	0.53 V/Lux-Second at 550nm
Signal / noise ratio	40.5 dB
Dynamic range	>60 dB
Max Exposure time	Automatic
ADC conversion	8 BIT
Color Depth	8 BIT
ON board Memory	NO
External Memory Card	NO
External camera power	5 V 2000mA
Cooling system	NO
External Cooling power	NO
On camera case IR Filter	650 nm
Automatic White Balance	Auto / Man
Automatic Gain Control	Auto / Man
Automatic Back light control	Auto / Man
Exposure control	Auto / Man
C-Mount connection	YES, Available
CS-Mount connection	YES, ready

ACCESSORIES

CS-mount to C-mount Ring	SI
Optical adapters	0,45x (for 23mm eyepiece tube)
Adapters for Binocular & Monocular microscopes	30 and 30,5 mm diameter
Calibration Slide	YES
Always Included	1.8 m USB cable, power supply, Installation manual, CD Rom.

SOFTWARE SPECIFICATION

WiFi System requirements	Windows Tablet, Android Tablet, IOS Tablet, IOS Phone, Android Phone, Windows Phone, BlackBerry
WiFi users allowed	10 Users: good live view speed, 20 Users: slow live view speed, 30 Users: very slow live view Speed
WiFi available APP	Via Browser: NO APP is needed
WiFi Additional available APP	For IOS and Android
WiFi Capture features	Image size
WiFi Control parameters	Automatic
USB System requirements	Windows Vista / win7 / win8 / 32-64 bit , USB 2.0
USB Supplied Software	Optika Vision Lite
USB Driver types	No Driver (Microsoft Driver)
USB Capture features	Continuous auto white balance, continuous auto exposure, image size, image capture, compressed video capture
USB Control parameters	Brightness, contrast, tonality, saturation, sharpness, gamma, white Balance, background

GENERAL CAMERA SPECIFICATION

Working temperature	+0 up to +50°C
Storage temperature	-10 up to +50°C
Relative Humidity	up to 80%
Dimensions	7 x 7 cm Height: 4 cm Height with optical adapter: 12 cm
Weight	80 gr