

CMEX-5 WiFi-3

5.0 MP WiFi + USB camera

HIGHLIGHTS

- Color CMOS WiFi camera
- 1/2.8 inch, 5.0 MP sensor
- Real time images 1920 x 1080 pixels
- ADC 12 bits, color depth 24 bits
- Low signal/noise ratio
- Power supply via USB port or USB charger
- Sends H.264 encoded images to WiFi enabled smartphones, computers, and tablets with iOS, Android and Windows systems



TECHNICAL SPECIFICATIONS

Sensor	CMOS 1/2.8 inch
Pixels	1920 x 1080 pixels, 5.0 Mpix
Scan mode	Electronic rolling shutter
Pixel size	2.9 μm x 2.9 μm
Filter	RGB color filter and IR-cut off filter (380-650 nm)
Mount	C-mount
Max fps	Up to 50 frames per second
ADC	12 bits
Sensitivity	1300mV with 1/30 sec
Exposure	Automatic or manual, from 0.01- 1000 ms
White balance	Automatic/manual
Dynamic range	N/A
S/N max	N/A
Data interface	50fps@1920*1080 H264 encoded video and Jpeg image capture
Operation	-10 – 50° C, 30-80 % humidity
Storage temperature	-20 to 60° Celsius
Power supply	USB DC 5V/1A Adapter
Supplied with	0.37x objective with C-mount (DC.1353), 30 and 30, 5 mm to 23.2 mm adapters for stereomicroscopes, 76 x 24 mm calibration slide (1mm/100), USB charger and USB cable, CDROM with ImageFocus Alpha software, Android .apk app. A Mac OS version is also supplied (with a few differences in features). A carton box

● CMEX-5 WiFi-3

Compatibility	Windows 10 and higher (32 and 64 bit configurations), Android Pad and Phones, Mac PC, iPad or iPhone
Requirements	PC with Intel Core2 2.8 GHz or higher or equivalent. Minimum 4Gb RAM memory PC with WiFi enabled. Android 5.1 and above is supported, Android 10.0 and above is recommended
Product number	DC.5000-WiFi-3



● BioBlue microscope with the CMEX-5 WiFi-3 camera

MODEL	Sensor	Sensor size (inches)	Pixels size (μm)	Resolutions	Grayscale conversion	Color rendering	Signal/ Noise(db)	Dynamic (db)	Sensitivity mV-1/30sec	Product number
CMEX-5 WiFi-3	CMOS	1/2.8"	2.9 x 2.9	1920 x 1080	12 bits	24 bits	N/A	N/A	1300 mV	DC.5000-WiFi-3

The CMEX-5 WiFi-3 camera is supplied in a box with A-to-micro-USB cable, 30.0 and 30.5 mm adapters to use with stereo microscopes, and a 0.37x C-mount objective



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