

CMEX-5 WiFi-2

5.0 MP WiFi + USB camera

HIGHLIGHTS

- Color CMOS WiFi camera
- 1/2.5 inch, 5.0 MP sensor
- Real time images 1280 x 720 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 1/2.5 inch
Pixels	1280 x 720 pixels, 5.0 Mpix
Scan mode	Electronic rolling shutter
Pixel size	2.2 µm x 2.2 µm
Filter	RGB color filter and IR-cut off filter (380-650 nm)
Mount	C-mount
Max fps	Up to 30 frames per second
ADC	12 bits
Sensitivity	0.53 V/lux-sec
Exposure	Automatic or manual, , from 1 ms to 800 ms
White balance	Automatic/manual
Dynamic range	66.5 db
S/N max	40 db
Data interface	WiFi H.264 encoded images. Secured with key
Operation	-10 – 50° C, 30-80 % humidity
Storage temperature	-20 to 60° Celsius
Power supply	With supplied USB charger or through USB port of a PC
Housing	Zinc-aluminum alloy, 55 x 55 x 57 mm (H)
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-2

Compatibility	Windows 7, 8, 10 (32 and 64 bit configurations) iOS iPad or iPhone, Android Pad and Phones
Requirements	PC with Intel Core2 2.8 GHz or higher or equivalent. Minimum 2Gb RAM memory PC with WiFi enabled device with DHCP iOS iPad or Pad with Android system or iPhone or SmartPhone with Android
Product number	DC.5000-WiFi-2



● iScope microscope with the CMEX-5 WiFi-2 camera

MODEL	Sensor	Sensor size (inches)	Pixels size (µm)	Resolutions	Grayscale conversion	Color rendering	Signal/ Noise(db)	Dynamic (db)	Sensitivity V/lux-sec	Product number
CMEX-5 WiFi-2	CMOS	1/2.5"	2.2 x 2.2	1280 x 720	12 bits	24 bits	60	66.5	0.53	DC.5000-WiFi-2

The CMEX-5 WiFi-2 camera is supplied in a box with USB-2 cable, 30.0 and 30.5 mm adapters to use with stereo microscopes, and a 0.37x C-mount objective