

CMEX-WIFI 5.0 MP

digital WiFi camera
DC.5000-WIFI

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



● CMEX-Wifi 5

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 12 frames per second
ADC	12 bits
Sensitivity	1 V/lux-sec @ 550 nm
Exposure	Automatic or manual, , from 1 ms to 800 ms
White balance	Automatic/manual
Dynamic range	61 db
S/N max	43 db
Data interface	WiFi H.264 encoded images. Secured with key
Operation	0 – 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-aluminium alloy, 68 x 68 x 45 mm (H)
Supplied with	0.5x objective with C-mount (DC.1355), 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

Compatibility	Windows XP (32 bit), 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



● iScope microscope with the CMEX-WIFI 5 camera

MODEL	Sensor	Sensor size (inches)	Pixels size (µm)	Resolutions	Grayscale conversion	Color rendering	Signal/ Noise(db)	Dynamic (db)	Sensibility V/lux-sec	Product number
CMEX-Wifi 5	CMOS	1/2.5"	2.2 x 2.2	1280 x 720	12 bits	24 bits	43	61	1.0	DC. 5000-WIFI

The CMEX-Wifi 5 camera is supplied in a box with USB-2 cable, 30.0 and 30.5 mm adapters to use with stereo microscopes, and a 0.5x C-mount objective