

# 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
- Send H.264 encoded images to WiFi enabled smartphones, computers, and tablets with iOS, Android and Windows systems



DC.5000-WIFI

#### TECHNICAL SPECIFICATIONS

<b>Sensor</b>	CMOS 1/2.5 inch
<b>Pixels</b>	1280 x 720 pixels, 5.0 Mpix
<b>Scan mode</b>	Electronic rolling shutter
<b>Pixel size</b>	2.2 µm x 2.2 µm
<b>Filter</b>	RGB color filter and IR-cut off filter (380-650 nm)
<b>Mount</b>	C-mount
<b>Max fps</b>	Up to 12 frames per second
<b>ADC</b>	12 bits
<b>Sensitivity</b>	0.53 V/lux-sec @ 550 nm
<b>Exposure</b>	Automatic or manual, , from 1 ms to 800 ms
<b>White balance</b>	Automatic/manual
<b>Dynamic range</b>	61 db
<b>S/N max</b>	43 db
<b>Data interface</b>	WiFi H.264 encoded images. Secured with key
<b>Operation</b>	0 – 50° C, 30-80 % humidity
<b>Storage temperature</b>	-20 to 60° Celsius
<b>Power supply</b>	With supplied USB charger or through USB port of a PC
<b>Housing</b>	Zinc-aluminium alloy, 68 x 68 x 45 mm (H)
<b>Supplied with</b>	0.45x objective with C-mount, 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, carton box
<b>Compatibility</b>	Windows XP, Vista, Windows7, Windows 8 (32 and 64 bit configurations) iOS iPad or iPhone, Android Pad and Phones
<b>Requirements</b>	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
<b>Product number</b>	DC.5000-WIFI



iScope microscope with the CMEX-WIFI 5 camera

#### MODELS

	Sensor	Sensor Size (inches)	Pixels size (µm)	Resolutions	Grayscale conversion	Color rendering	Signal/Noise (db)	Dynamic (db)	Sensibility V/lux-sec	Product number
CMEX-WIFI5	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 carton box with USB-2 cable, 30.0 and 30.5 mm adapters to use with stereo microscopes, and a 0.45x C-mount objective