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

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 adapters to use with stereo microscopes, 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

MODEL | Sensor | Sensor size (inches) | Pixels size (µm) | Resolutions | Grayscale conversion | Color rendering | Signal/Noise (db) | Dynamic (db) | Sensitivity V/lux-sec | Product number
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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

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CMEX-WIFI 5 CAMERA | DIGITAL SOLUTIONS

All information may be changed without prior notice