

## CMEX 5

### HIGHLIGHTS

- ✓ 5.0 Mpix CMOS color USB 2.0 camera
- ✓ 1/2.5" sensor, 2592 x 1944 pixels
- ✓ ADC 10 bits, color depth 24 bits
- ✓ Low signal/noise ratio
- ✓ USB 2.0 interface



### Specifications

Sensor	CMOS 1/2.5 inch
Pixels	2592 x 1944 pixels, 5.0 Mpix
Scan mode	Progressive, rolling shutter
Pixel size	2.2 $\mu\text{m}$ x 2.2 $\mu\text{m}$
Filter	RGB
Mount	C-mount
Max fps	Up to 5 frames per second (2592 x 1944 pixels) Up to 21 frames per second (1280 x 960 pixels) Up to 25 frames per second (1024 x 768 pixels) Up to 38 frames per second (640 x 480 pixels)
ADC	10 bits
Color depth	24 bits
Sensitivity	1.3 V/lux-sec @ 550 nm
Exposure	Automatic or manual, from 1 ms to 800 ms
White balance	Automatic/manual
Dynamic range	65 db
S/N max	42 db
Data interface	USB 2.0 at 480 Mb/s
Operation	0 – 60° C, 45-85 % humidity
Storage temperature	-20 to 70° Celsius
Supplied with	0.45x objective with C-mount, USB 2.0 cable, 30 and 30, 5 mm adapters for stereomicroscopes, 76 x 24 mm calibration slide (1mm/100), CDROM with ImageFocus 4 software, carton box
Software	Windows XP, Vista, Windows7, Windows 8 (32 and 64 bit configurations)
Product number	DC.5000c