

CMEX 1

HIGHLIGHTS

- ✓ 1.3 Mpix CMOS color USB 2.0 camera
- ✓ 1/3" sensor, 1280 x 1024 pixels
- ✓ ADC 10 bits, color depth 24 bits
- ✓ Low signal/noise ratio
- ✓ USB 2.0 interface



Specifications

Sensor	CMOS 1/3 inch
Pixels	1280 x 1024 pixels, 1.3 Mpix
Scan mode	Progressive, rolling shutter
Pixel size	3.6 μm x 3.6 μm
Filter	RGB
Mount	C-mount
Max fps	Up to 15 frames per second (1280 x 1024 pixels) Up to 30 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 300 ms
White balance	Automatic/manual
Dynamic range	72 db
S/N max	55 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	0.35x 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.1300c