

# CMEX-5 Pro

USB-3.0 high speed camera

DC.5000-Pro

## HIGHLIGHTS

- High speed camera
- 5.1 Mpix CMOS color USB3.0 camera
- 1/2.5" sensor, 2560x1922 pixels
- Low signal/noise ratio
- USB 3.0 high speed interface (USB 2.0 compatible)
- Perfect color-reproduction capability



DC.5000-Pro

## TECHNICAL SPECIFICATIONS

<b>Sensor</b>	CMOS 1/2.5 inch
<b>Pixels</b>	2560x1922 pixels, 5.1 Mpix
<b>Scan mode</b>	Progressive, rolling shutter
<b>Pixel size</b>	2.2µm x 2.2µm
<b>Filter</b>	RGB
<b>Mount</b>	C-mount
<b>Max fps</b>	Up to 14 frames per second (2560x1922 pixels) Up to 39 frames per second (1280x960 pixels) Up to 101 frames per second (640x480 pixels)
<b>Exposure</b>	Automatic or manual
<b>White Balance</b>	Automatic or manual
<b>Dynamic range</b>	67.74dB
<b>S/N max</b>	38.5dB
<b>Data interface</b>	USB3.0 high speed
<b>Operation</b>	-10~50°C, 30-80% humidity
<b>Storage temperature</b>	-20~60°Celsius
<b>Power supply</b>	5V over PC USB Port
<b>Housing</b>	Integrated CNC aluminum alloy
<b>Supplied with</b>	0.5x objective with C-mount, USB 3 cable, 30 and 30.5mm adapters for stereomicroscopes, 76x24mm calibration slide (1mm/100), CD ROM with ImageFocus Alpha software, carton box

<b>Software</b>	Supplied with ImageFocus Alpha capture and measuring software For Win XP (32bit), Vista/ 7/ 8/ 10 (32 and 64 bit configurations) PC requirements: Compatible with Intel Core 2, 2.8 GHZ or higher, 2GB, USB-3 high speed
<b>Product number</b>	DC.5000-Pro



CMEX-5 Pro package content