

# CMEX-3 Pro

## USB-3.0 HIGH SPEED CAMERA DC.3000-PRO

### HIGHLIGHTS

- High speed camera
- 3.1 Mpix CMOS color USB3.0 camera
- 1/3" sensor, 2048x1534 pixels
- Low signal/noise ratio
- USB 3.0 high speed interface (USB 2.0 compatible)
- Perfect color-reproduction capability



DC.3000-Pro

### TECHNICAL SPECIFICATIONS

<b>Sensor</b>	CMOS 1/3 inch
<b>Pixels</b>	2048x1534 pixels, 3.1 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 28 frames per second (2048x1534 pixels) Up to 53 frames per second (1024x770 pixels)
<b>Exposure</b>	Automatic or manual
<b>Exposure time</b>	0.1 ms ~ 2000 ms
<b>White Balance</b>	Automatic or manual
<b>Dynamic range</b>	100 dB
<b>S/N max</b>	39 dB
<b>Sensitivity V/lux-sec</b>	1.9
<b>Data interface</b>	USB 3.0 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>	0.37x 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 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.3000-Pro



CMEX-3 Pro package content