

## CMEX-18 Pro – USB 3.0 camera

### HIGHLIGHTS

- ✓ 18.0 Mpix CMOS color USB 3.0 camera
- ✓ 1/2.3" sensor, 4912 x 3684 pixels
- ✓ High speed camera
- ✓ Low signal/noise ratio
- ✓ USB 3.0 interface



### Specifications

Sensor	CMOS 1/2.3 inch
Pixels	4912 x 3684 pixels, 18 Mpix
Scan mode	Progressive, rolling shutter
Pixel size	1.25 $\mu\text{m}$ x 1.25 $\mu\text{m}$
Filter	RGB
Mount	C-mount
Max fps	Up to 6 frames per second (4912 x 3684 pixels) Up to 18 frames per second (2546 x 1842 pixels) Up to 32 frames per second (1228 x 922 pixels)
Exposure	Automatic or manual
White balance	Automatic/manual
Dynamic range	66 db
S/N max	37 db
Data interface	USB 3.0 high speed 80 Mb/s
Operation	0 – 50° C, 30-80 % humidity
Storage temperature	-20 to 6° Celsius
Power supply	5V over PC USB port
Housing	Zinc-aluminium alloy, 68 x 68 x 45 mm (H)
Supplied with	0.5x objective with C-mount, USB 3 cable, 30 and 30.5 mm adapters for stereomicroscopes, 76 x 24 mm calibration slide (1mm/100), CDROM with ImageFocus Alpha software, carton box
Software	Supplied with ImageFocus Alpha capture and measuring software. For Windows XP, Vista, Windows7, Windows 8 (32 and 64 bit configurations) PC requirements: Compatible Intel Core2, 2.8 GHZ or higher, 2 GB, USB-3 high speed
Product number	DC.18000p