

CMEX-5 Pro, 5.1 MP digital USB-3 camera with 1/2.5 inch CMOS sensor



The high speed USB-3 cameras with ImageFocus Alpha capture and analysis software are the perfect solutions for today's educational, laboratory and industrial microscopy needs. The cameras are suitable for Life Science and Material Science microscopes as well as stereo microscopes. The CMEX-3 Pro, CMEX-5 Pro, CMEX-10 Pro and CMEX-18 Pro cameras are equipped with relatively 3.1, 5.1, 10 or 18 MP CMOS sensors with 12 bits grayscale conversion and a 24 bits color rendering. These cameras are equipped with a USB-3 data interface enabling fast frame rates. Besides capturing of images and videos, the ImageFocus Alpha software allows measurements on still and live images and to perform annotations on captured images. Compatible with Windows 10 and 11, both 32 and 64 bits configurations. A 2 GB RAM 2.8 GHz computer and 17 inch display is recommended as minimum requirement. A Mac OS version is available. The CMEX-3 Pro, -5 Pro, -10 Pro and -18 Pro cameras are supplied with USB-3 cable, 30.0 and 30.5 mm adapters to use with stereo microscopes, 1mm/100 (10µm/division) calibration slide. The CMEX-5 Pro, -10 Pro and -18 Pro are supplied with a 0.5x C-mount objective. The CMEX-3 Pro is supplied with a 0.37x C-mount objective.

High speed camera CMEX-5 PRO

- Sensor: 5.1 MP CMOS 1/2.5 inch sensor

- Pixel size: 2.2 µm x 2.2 µm
- Mount: C-mount / Scan mode: Progressive, rolling shutter
- Max. FPS: Up to 14 fps (2560x1922 pixels) / Up to 39 fps (1280x960 pixels) / Up to 100 fps (640x480 pixels)
- Exposure: Automatic or manual
- White Balance: Automatic or manual
- Dynamic range: 68 dB
- S/N max: 39 dB
- Sensibility V/lux-sec: 1.76
- Operation: -10-50°C, 30-80 % humidity
- Storage temperature: -20-60° Celsius
- Power supply: 5V over PC USB Port
- ADC 12 bits, color depth 24 bits
- Great color reproduction
- ImageFocus Alpha capture and measuring software
- Low signal/noise ratio
- USB 3.0 interface (USB 2.0 compatible)

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| Item no. | WL74698 |
| Model | CMEX-5 Pro |
| Manufacturer | EUROMEX |
| Manufacturer article no. | DC.5000-PRO |
| GPSR manufacturer data | Euromex Microscopen bv Papenkamp 20 NL-6836 Bd Arnheim www.euromex.com |
| Length | 200 mm |
| Width | 140 mm |
| Height | 130 mm |
| Sales unit | 1 piece |
| Content unit | 1 piece |
| Colour | black, silver |
| Pixel size | 2.2 µm x 2.2 µm |
| Camera resolution | 2560 x 1922 Pixel |