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

TECHNICAL SPECIFICATIONS

Sensor | CMOS 1/3 inch
Pixels | 2048x1534 pixels, 3.1 Mpix
Scan mode | Progressive, rolling shutter
Pixel size | 2.2μmx2.2μm
Filter | RGB
Mount | C-mount
Max fps | Up to 28 frames per second (2048x1534 pixels)
Up to 53 frames per second (1024x770 pixels)
Exposure | Automatic or manual
Exposure time | 0.1 ms ~ 2000 ms
White Balance | Automatic or manual
Dynamic range | 100 dB
S/N max | 39 dB
Sensitivity | V/lux-sec 1.9
Data interface | USB 3.0 high speed
Operation | -10~50ºC, 30-80 % humidity
Storage temperature | -20~60°Celsius
Power supply | 5V over PC USB Port
Housing | Integrated CNC aluminum alloy

Supplied with

- 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

Software

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

Product number

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CMEX-3 Pro package content