

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

Sensor	CMOS 1/2.5 inch
Pixels	2560x1922 pixels, 5.1 Mpix
Scan mode	Progressive, rolling shutter
Pixel size	2.2µm x 2.2µm
Filter	RGB
Mount	C-mount
Max fps	Up to 14 frames per second (2560x1922 pixels) Up to 39 frames per second (1280x960 pixels) Up to 100 frames per second (640x480 pixels)
Exposure	Automatic or manual
Exposure time	0.1 ms ~ 2000 ms
White Balance	Automatic or manual
Dynamic range	68 dB
S/N max	39 dB
Sensitivity V/lux-sec	1.76
Data interface	USB 3.0 high speed
Operation	-10~50°C, 30-80 % humidity
Storage temperature	-20~60°Celsius
Power supply	5V over PC USB Port
Housing	Integrated CNC aluminum alloy

Supplied with	0.5x objective with C-mount, USB 3 cable, 30 and 30.5mm adapters for stereomicroscopes, 76x24mm calibration slide (1mm/100), carton box
Software	ImageFocus Alpha capture and measuring software For Win 10/11 (32 and 64 bit configurations). A Mac OS version is available
PC requirements:	Compatible with Intel Core 2, 2.8 GHZ or higher, 2GB, USB-3 high speed
Product number	DC.5000-Pro



CMEX-5 Pro package content