

CMEX-20 PRO

USB-3.0 HIGH SPEED CAMERA

DC.20000-PRO

HIGHLIGHTS

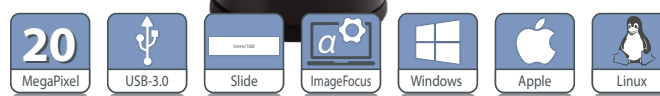
- High speed camera
- 20 Mpix CMOS color USB 3.0 camera
- 1/1.8" sensor, 5120 x 3840 pixels
- High signal/noise ratio
- USB 3.0 interface (USB 2.0 compatible)
- Perfect color-reproduction

TECHNICAL SPECIFICATIONS

Sensor	CMOS 1/1.8 inch
Pixels	5120 x 3840 pixels, 20 Mpix
Scan mode	Progressive, rolling shutter
Pixel size	1.4 μm x 1.4 μm
Filter	RGB
Mount	0.75x C-mount
Max fps	Up to 20 frames per second (5120 x 3840 pixels) Up to 45 frames per second (2560 x 1920 pixels) (Frame rates were determined at optimal conditions)
Exposure	Automatic or manual
Exposure time	0.2 ms ~ 15 s
White balance	Automatic/manual
Dynamic range	39 db
S/N max	60 db
Sensitivity V/lux-sec	8.4 ke-/lux.sec
Data interface	USB 3.0 high speed
Operation	0 ~ 50°C, 30-80 % humidity
Storage temperature	-20 to 60°Celsius
Power supply	5V over PC USB port
Housing	Integrated CNC aluminum alloy



● DC.20000-Pro



Supplied with	0.75x objective with C-mount, USB 3 cable, 30 and 30.5 mm adapters for stereomicroscopes, 76 x 24 mm calibration slide (1mm/100), carton box
Software	ImageFocus Alpha capture and measuring software For Win 10 and higher (32 and 64 bit configurations). A Mac OS version is available
PC requirements	Compatible with Intel Core 2, 2.8 GHZ or higher, 2 GB, USB-3 high speed
Product number	DC.20000-Pro



● CMEX-20 Pro package content


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