

CMEX-18 PRO

USB-3.0 high speed camera

DC.18000-Pro

HIGHLIGHTS

- High speed camera
- 18.0 Mpix CMOS color USB 3.0 camera
- 1/2.3" sensor, 4912 x 3684 pixels
- Low signal/noise ratio
- USB 3.0 interface (USB 2.0 compatible)
- Perfect color-reproduction

TECHNICAL SPECIFICATIONS

Sensor	CMOS 1/2.3 inch
Pixels	4912 x 3684 pixels, 18.0 Mpix
Scan mode	Progressive, rolling shutter
Pixel size	1.25 µm x 1.25 µm
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
Exposure time	0.1 ms ~ 2000 ms
White balance	Automatic/manual
Dynamic range	65 db
S/N max	42 db
Sensibility V/lux-sec	1.3
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



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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), 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	DC.18000-Pro



CMEX-18 Pro package content