

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



DC.3000-Pro

TECHNICAL SPECIFICATIONS

Sensor	CMOS 1/3 inch
Pixels	2048 x 1534 pixels, 3.1 Mpix
Scan mode	Progressive, rolling shutter
Pixel size	2.2µm x 2.2µm
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	-10~50°C, 30-80 % humidity
Storage temperature	-20~60°Celsius
Power supply	5V over PC USB Port
Housing	Integrated CNC aluminum alloy

Supplied with	0.37x 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.3000-Pro



CMEX-3 Pro package content