

3.1 Megapixel CMOS Camera for Microscope

MDX302



Description

The MDX302 is a 3.1 megapixel digital camera that connects directly to your computer via the USB 2.0 port. It delivers 9 frames per second. Benefit from fast smooth previews during sample manipulation with high frame rates up to 36 fps. This digital camera mounts to a C-Mount adapter on the trinocular port of your microscope.

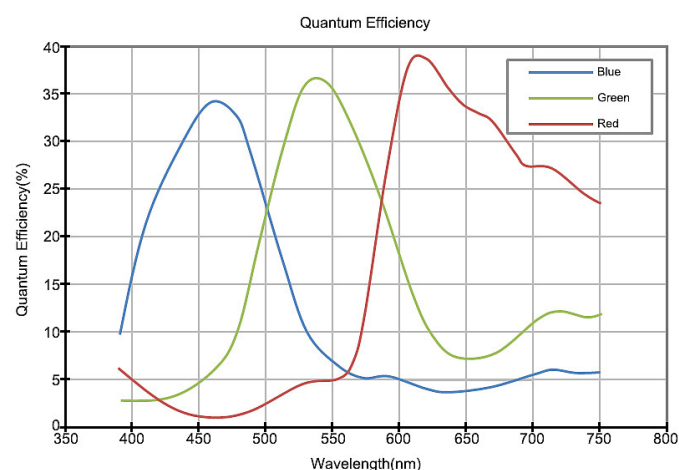
Features

- High performance and price ratio
- 1/2 inch 3.1 megapixel color CMOS sensor
- Plug and play USB 2.0 interface, easy to install
- Come with calibration kit
- User-friendly capturing software PixIt Integrator
- Twain and DirectShow driver compatible
- Dust-proof structure and aluminum alloy body design
- Compatible with Windows XP, Windows 7, & Windows 8

Applications

- Bright field
- Histology
- Pathology
- Cytology
- Defect Analysis
- Metrology
- Life science
- Material science
- Semiconductor Inspection

Quantum Efficiency



Budget



Applications

Model	MDX302
Sensor Size	1/2" Aptina CMOS
Resolution	2048H×1536V (3.1MP)
Pixel Size	3.2μm×3.2μm
Frame Rate	9fps (2048×1536)
Filter	650nm IR Cut-off Filter
Optical Mount	C Mount
S/N Ratio	43dB
Dynamic Range	61dB
Shutter Type	Rolling
Exposure Time	0.114~3000ms
Exposure Control	Auto/ Manual/ Regional Exposure
White Balance	One touch/ Manual / Regional
Response Rate	21.0V/ lux-sec 550nm
Spectral Response	380~650nm (with IR cut-off filter)
Operation System	Windows XP, 7, 8
Software Interface	TWAIN, DirectShow
Data Interface	USB2.0 480Mb/s
Power	<0.7W, Standby: 0.35W
Consumption	USB 5.0V
Power Supply	0~50°C
Working Temp.	-20~60°C
Dimension	68mm×68mm×41mm
Weight	250g

Dimensions (mm)

