

5.0 Megapixel CMOS Camera for Microscope

MDX503



Description

The MDX502 is a 5 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 20 fps. This digital camera mounts to a C-Mount adapter on the trinocular port of your microscope.

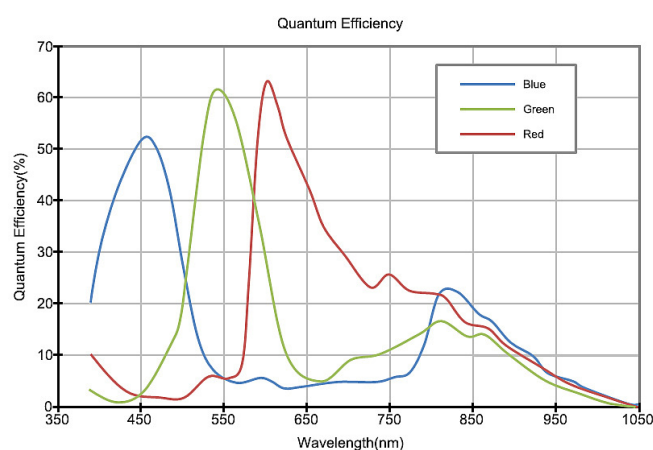
Features

- Excellent image quality, fast live image
- 1/2.5 inch 5 megapixel color CMOS sensor
- Plug and play USB 2.0 interface, easy to install
- Come with iWorks EX software
- Twain and DirectShow driver compatible
- Dust-proof structure and aluminum alloy body design
- Compatible with Windows 7, Windows 8, & Windows 10

Applications

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

Quantum Efficiency



Vivid



Applications

Model	MDX503
Sensor Size	1/2.5" Aptina CMOS
Resolution	2592H×1944V (5MP)
Pixel Size	2.2μm×2.2μm
Frame Rate	9fps (2592×1944)
Filter	650nm IR Cut-off Filter
Optical Mount	C Mount
S/N Ratio	38.5dB
Dynamic Range	67.7dB
Shutter Type	Rolling
Exposure Time	0.1~3000ms
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, 10
Software Interface	TWAIN, DirectShow
Data Interface	USB2.0 480Mb/s
Power	2.5W, Standby: 0.5W
Consumption	USB 5.0V
Power Supply	0~50°C
Working Temp.	-20~60°C
Dimension	68mm×68mm×41mm
Weight	250g

Dimensions (mm)

