



### Microscope Camera

Excellent image white balance and accuracy color reproduction, integrated with 32MB cache to keep fast and stable data transfer, even run fast on low configuration PC, offer SDK secondary development.

### Features

Clear and high contrast image  
Fast and stable data transfer  
Accuracy color reproduction

## Specification

Item	MD50	Effective gain	1 X - 8X	
Effective resolution	500 Megapixels	Spectral response	380nm - 650nm	
Resolution	2048 × 1536	A/D Convert	8Bit	
Sensor size	1/2.5"	Trigger mode	Software	
Pixel size	2.2μm × 2.2μm	Exposure	Manual / Auto / Zone	
Frame rate	2592 × 1944	7fps	White balance	Auto/ One push / Zone
	2048 × 1536 (ROI)	10.4fps	Image format	TIF,BMP,JPG,RAW
	1920 × 1080 (ROI)	15.4fps	Image cache	32MB
	1280 × 960 (SUM/BIN)	17.2fps	Software port	DirectShow / TWAIN
	640 × 480 (SUM/)	26.7fps	SDK	Support
	Any resolution ROI	Operating OS	Windows XP 32Bit,Windows 7/8/10 32/64Bit	
Scanning mode	Progressive/Continuous	Data port	USB2.0 B type, 480Mb/s	
Shutter	Electrical shutter	Working surrounding	Temperature: 0 - 50°C; humidity: 10% - 90%RH	
Exposure time	59μs - 3s	Camera size	Ø76mm × 48.7mm	

◆ 32MB cache, fast data transfer



USB2.0 Camera

