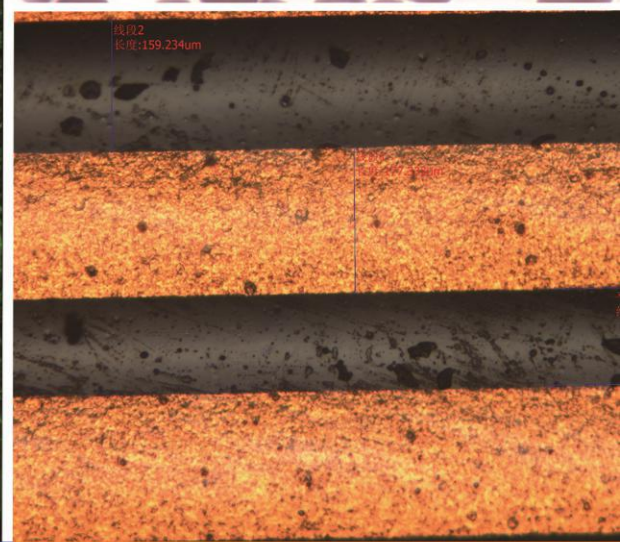
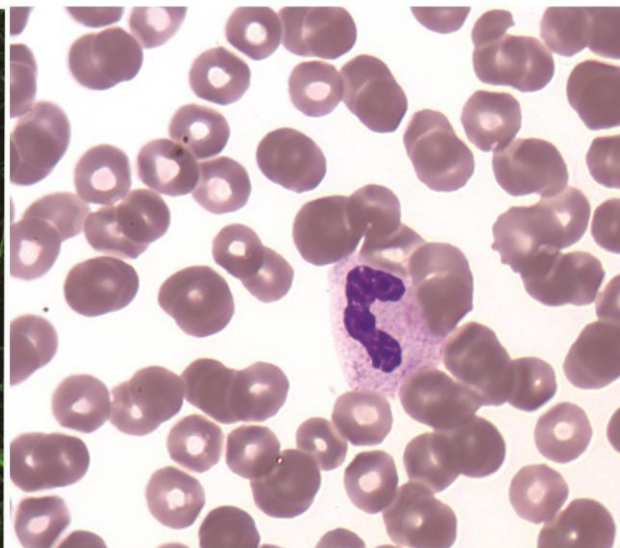
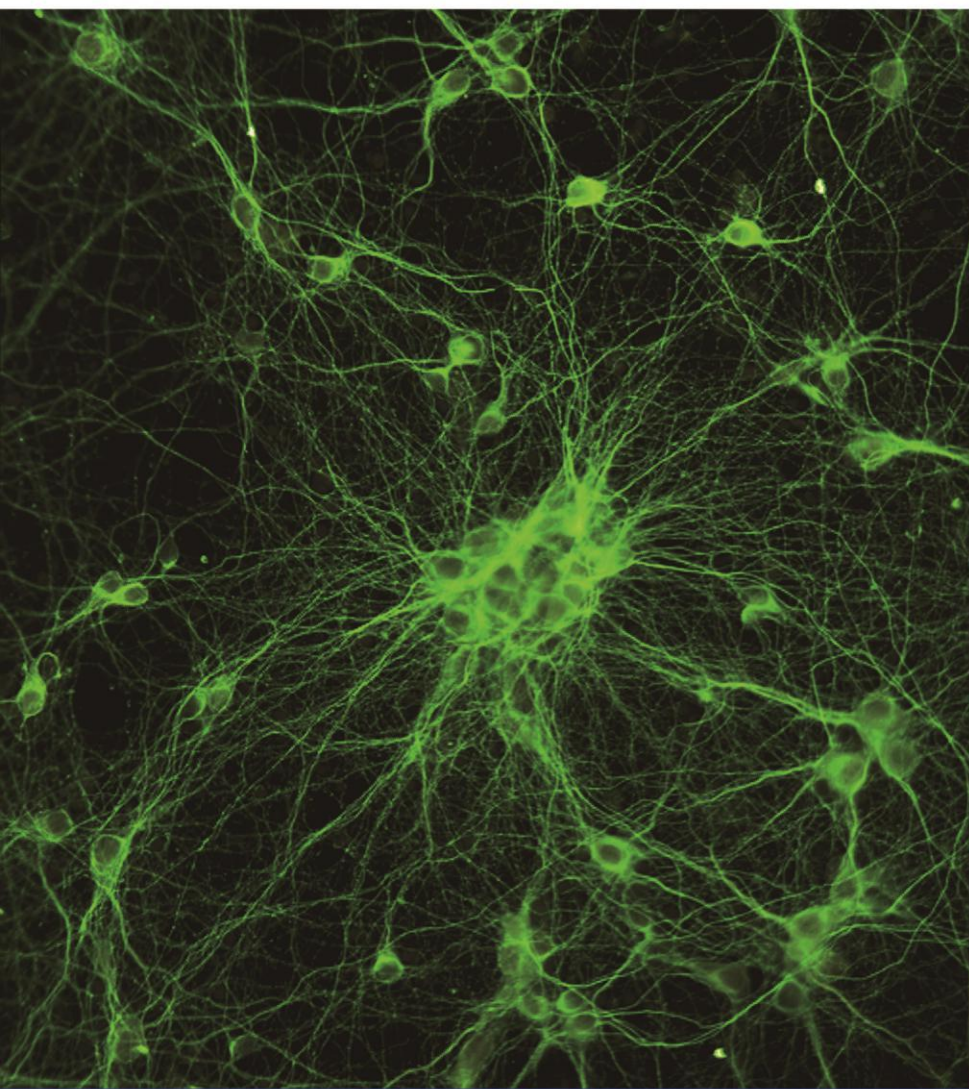


Intelligent Imaging for Great Discoveries



Microscope camera

MICROSCOPY IMAGING EXPERT





MC50-S digital microscope camera takes use of global shutter to offer high clarity and high sensitivity, it is suitable for fluorescence and weak light microscope imaging, also outstanding on color reproduction such as pathology diagnose and metallurgical analysis.

Feature:

- 2/3 inch sensor, 5.0 megapixels.
- Outstanding image clarity.
- Accurate color reproduction.
- Back-light tech for weak light imaging.
- 37fps under full resolution.

Specification

Item	MC50-S	Spectral response	380nm - 650nm	
Effective resolution	5.0 megapixels	A/D Convert	12Bit	
Resolution	2448 × 2048	Trigger	Software	
Sensor size	2/3"	Exposure	Manual / Auto / Zone	
Pixel size	3.45μm × 3.45μm	White balance	Auto / One push / Zone	
Frame rate	2448 × 2048	37.5 FPS	Image format	TIF, BMP, JPG, RAW
	1920×1080	56 FPS	Image cache	64MB
	1224×1024 (BIN2)	37.5 FPS	Software port	DirectShow / TWAIN
	1224×1024 (SUM2)	37.5 FPS	SDK	Support SDK development
	1224×1024 (SKIP)	37.5 FPS	OS	Windows XP 32Bit; Windows 7/8/10 32/64Bit
	Any size of ROI		Data port	USB3.0 B type, 5Gbps
Scanning mode	Progressive / Continues	Camera port	Standard C-mount	
Shutter	Global Shutter	Surrounding	Temperature: 0 - 50°C; humidity: 10% - 90%RH	
Exposure	46μs - 10s	Shell size	108.5 × 106.5 × 62.5 mm	
Effective gain	1 X - 16X			

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