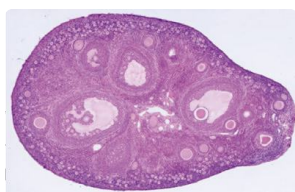
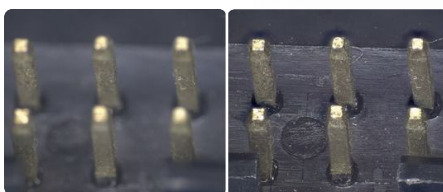


Mlchrome Series

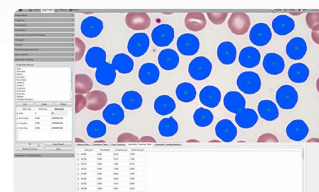
The Mlchrome series offers a range of professional microscopy cameras for brightfield and fluorescence imaging. Equipped with USB 3.0, they fully support Tucsen Mosaic software, including real-time image stitching and depth-of-field fusion, enhancing workflow efficiency.



Real-time Image Stitching



Real-time Depth Fusion



Automatic Counting

Product Name	Mlchrome 5 Pro	Mlchrome 20	Mlchrome 16	Mlchrome 6
Sensor Type	SONY CMOS (Color)			
Array Diagonal	11.1 mm	15.86 mm	7.77 mm	8.92 mm
Resolution	2448 (H) x 2048 (V)	5472 (H) x 3648 (V)	4608 (H) x 3456 (V)	3072 (H) x 2048 (V)
Pixel Size	3.45 μm x 3.45 μm	2.4 μm x 2.4 μm	1.34 μm x 1.34 μm	2.4 μm x 2.4 μm
Effective area	8.4 mm x 7.1 mm	13.1 mm x 8.8 mm	6.2 mm x 4.6 mm	7.4 mm x 4.9 mm
Exposure Time	124 μs ~15 s	18 μs ~15 s	22 μs ~26 s	11 μs ~12 s
Frame Rate	35.9 fps@2448 x 2048 88.8 fps@1224 x 1024	14.5 fps@5472 x 3648 53.1 fps@2736 x 1824 67.3 fps@1824 x 1216	12 fps@4608 x 3456 15 fps@4608 x 2736 19 fps@3648 x 2736	41 fps@3072 x 2048
Shutter Mode	Global Shutter	Rolling	Rolling	Rolling
Bit Depth	8 bit, 16 bit			
Binning	2 x 2, 3 x 3, 4 x 4			
Color Temp.	2000 K~15000 K			
Software	Mosaic V3			
Image Format	TIF, JPG, PNG, DICOM			
Multi-Camera	Supports 4 Cameras Simultaneously in SDK			
SDK	C / C++ / C# / Directshow / Twain			
Optical Interface	C Mount			
Power Cons.	3 W			
Data Interface	USB 3.0			
Dimensions	68 mm (H) x 68 mm (W) x 46 mm (L)			
Weight	330 g			
PC Configuration	CPU: Intel Core i5 or higher (Quad-core or higher), RAM: 8GB or higher			
Operating System	Win 10 / 11 (64 Bit), Mac			
Environment	Working: Temp. -10°C~45°C, HUM 10%~85%			

