

GT Series

The GT series USB 2.0 cameras use Tucsen's innovative graphics acceleration technology, significantly increasing frame rates while preserving original image output, making them an economical choice for basic microscopy imaging.

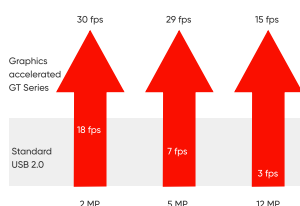
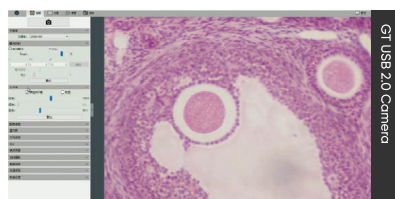


Image Acceleration Technology



Smooth and Clear Display

VS

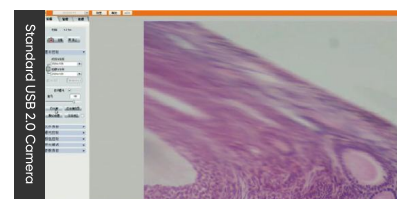


Image Distortion & Latency

Model	GT 12.0	GT 5.0	GT 2.0
Sensor Type	SONY CMOS (Color)		
Array Diagonal	7.77 mm	6.52 mm	6.23 mm
Resolution	4000 (H) x 3000 (V)	2560 (H) x 1920 (V)	1920 (H) x 1080 (V)
Pixel Size	1.34 μm x 1.34 μm	2.0 μm x 2.0 μm	2.8 μm x 2.8 μm
Effective area	5.4 mm x 4.0 mm	5.1 mm x 3.8 mm	5.4 mm x 3.0 mm
Frame Rate	15 fps	29 fps	30 fps
Shutter Mode	Rolling		
Exposure Time	1 μs ~1 s 941 ms		
Multi-Camera	Supports 4 Cameras Simultaneously in SDK		
Image Format	TIFF, JPG, PNG, DICOM		
Operating System	Windows 7, 10 (32 Bit / 64 Bit), Mac		
Software	Mosaic		
SDK	C, C++, C#, Directshow, Twain		
Power Cons.	2 W		
Optical Interface	C-mount		
Data Interface	USB 2.0		
PC Configuration	CPU: Intel Core i5 or higher (Quad-core or higher), RAM: 8GB or higher		
Dimensions	68 mm x 68 mm x 42.5 mm		
Weight	236 g		
Operating Environment	Working: Temp. 0°C~40°C, HUM 10%~85%		

