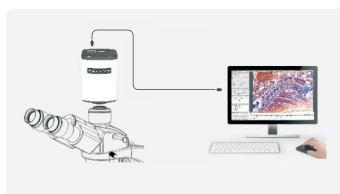
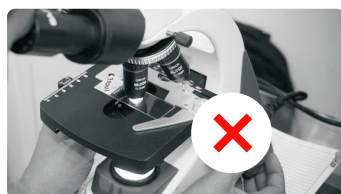


TrueChrome Series

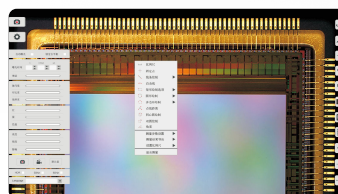
The TrueChrome series HDMI cameras operate without a computer, allowing "capture-process-measure-save-export" directly via mouse. Some models also feature high-speed USB 3.0 interfaces, fully compatible with Tucsen Mosaic professional image processing software.



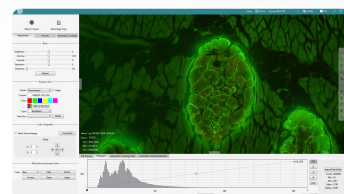
No need for a computer



Autofocus



Fast shooting and measurement



Compatible with Mosaic V3

Product Name	TrueChrome 4K Pro / WiFi	TrueChrome PDAF	TrueChrome Metrics III	HD Lite
Sensor Type	SONY CMOS (Color)			
Array Diagonal	13.33 mm	5.95 mm (Type 1/2.8)	6.46 mm	6.54 mm
Preview Resolution	1920 × 1080; 3840 × 2160	1920 × 1080	1920 × 1080	2592 × 1944
Capture Resolution	1920 × 1080; 3840 × 2160	1920 × 1080@USB 2.0 3264 × 1836@HDMI	3264 × 1840	2592 × 1944
Pixel Size	2.9 μm × 2.9 μm	1.6 μm × 1.6 μm	2.9 μm × 2.9 μm	2.0 μm × 2.0 μm
Effective area	11.1 mm × 6.3 mm	5.2 mm × 2.9 mm	5.6 mm × 3.1 mm	5.1 mm × 3.8mm
Exposure Time	1 ms~10 s	1 ms~5 s	1 ms~10 s	1 ms~2 s
Frame Rate	25 fps@USB 3.0	50 fps@USB 2.0	30 fps@USB 2.0 Compress	15 fps@USB 2.0
	30 fps@HDMI	50 fps@HDMI	26 fps@HDMI Uncompress	15 fps@HDMI
	30 fps@LAN		30 fps@HDMI	
Video Recording	30 fps@3840 × 2160	30 fps@SD Card 49 fps@PC 1920 × 1080	25 fps@1080P	15 fps@1080P
Image Format	HDMI: JPG/TIF	HDMI: JPG/TIF	HDMI: JPG/TIF	HDMI: JPG/TIF
	USB: JPG/PNG/TIF/DICOM	PC: TIF/JPG/PNG/DICOM	PC: TIF/JPG/PNG/DICOM	PC: TIF/JPG/PNG/DICOM
	LAN: JPG/PNG/TIF/DICOM			
SD Format	FAT 32			
Shutter Mode	Rolling			
Color Temp.	1800 K~10000 K			
Multi-Camera	Supports 4 Cameras Simultaneously in SDK			
Software	HDMI: Embedded software; PC: Mosaic V3			
Optical Interface	C Mount			
Data Interface	HDMI,USB 3.0,USB 2.0,LAN	HDMI, USB2.0, SD card		
Dimensions (mm)	105.7 (H) × 78 (W) × 70.8 (L)	97.7 (H) × 78 (W) × 70.8 (L)	90.7 (H) × 78 (W) × 70.8 (L)	90.7 (H) × 74 (W) × 67.2 (L)
Weight	505 g	534 g	448 g	265 g
Power Cons.	2.4 W			
Weight	CPU: Intel i5, 4 cores or above, RAM: 8G or above			
Operating System	Win 10 (64 Bit), Mac			
Environment	Temperature: -10°C~45°C ; Humidity: 10%~85%			

