Options & Accessories

Tailored 1080P HD Retina screen is available as an optional accessory. This screen can be mounted onto the camera to maximize space efficiency.**Accessories include** USB mouse, HDMI cable, USB2.0 cable, AC power supply, Software CD with manual and SDK.

SPECIFICATIONS

TrueChrome AF

Sensor	CMOS
Sensor Size	1/2.8”
Dynamic Resolution	2MP, 1920 x 1080
Static Resolution	6MP, 3264 x 1836
Frame Rate	60fps @ HDMI 30fps @ USB2.0
Video Recording	30fps @ PC 30fps @ SD Card
Exposure Mode	Auto/Manual
Exposure Time	0.001s – 10s
Output Interface	HDMI, USB2.0, SD Card
Setting	Gamma, Gain, WDR, Noise Reduction
White Balance	Auto/Manual
Optical Port	Standard C-Mount
Size	90.7 x 78 x 70.8 (mm)

Retina Screen

Resolution	1080P (1920 x 1080)
Display Type	IPS-Pro
Screen Size	11.6”
Aspect Ratio	16:9
Brightness	320cd/m2
Static Contrast Ratio	1000:01:00
HDMI Port	1
Power Supply Type	12V, 2A
Size	282 x 180.5 x 15.3 (mm)
Weight	600 (g)

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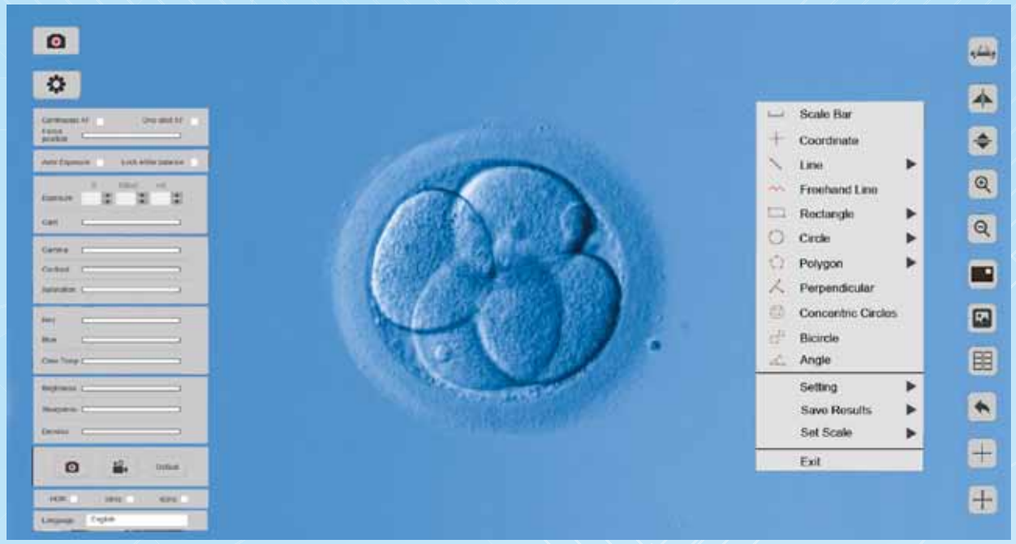
Incubate the Future with You

ASTEC TrueChrome AF

HDMI autofocus color microscope camera

“Experience True Colors with the Powerful HDMI Microscope Camera”

ASTEC TrueChrome AF is an unprecedented high-speed focusing camera that provides sharp and clear images on your monitor without breaking a sweat. A “PC-less” mouse controlled software is already installed in the camera, and it is ready to be used by a simple plug in. This built-in software, offers both continuous and single-shot autofocus modes, and also supports scroll wheel controlled fine-tuning.



Processing & Output

The camera has fast white balance correction for excellent color reproduction and a 2.0MP maximum output resolution of 1920 x 1080 in BMP format. With 60 FPS live HDMI response rate, the TrueChrome AF quickly reacts to changing lighting conditions in any life science, clinical or material application, sending a sharp video output to an HDMI monitor.

For researchers needing in-depth image analysis, the camera also offers traditional USB2.0 output to a PC or MAC operating environment for a host of processing options including 2-dimensional measurement, image stitching, extended depth of focus, segmentation,stacking and color composition.A tethered mouse enables remote capture of still images to an SD card, sold separately.