

Characteristic

Technical Features

Showcase

Support

TrueChrome Metrics

Buy now

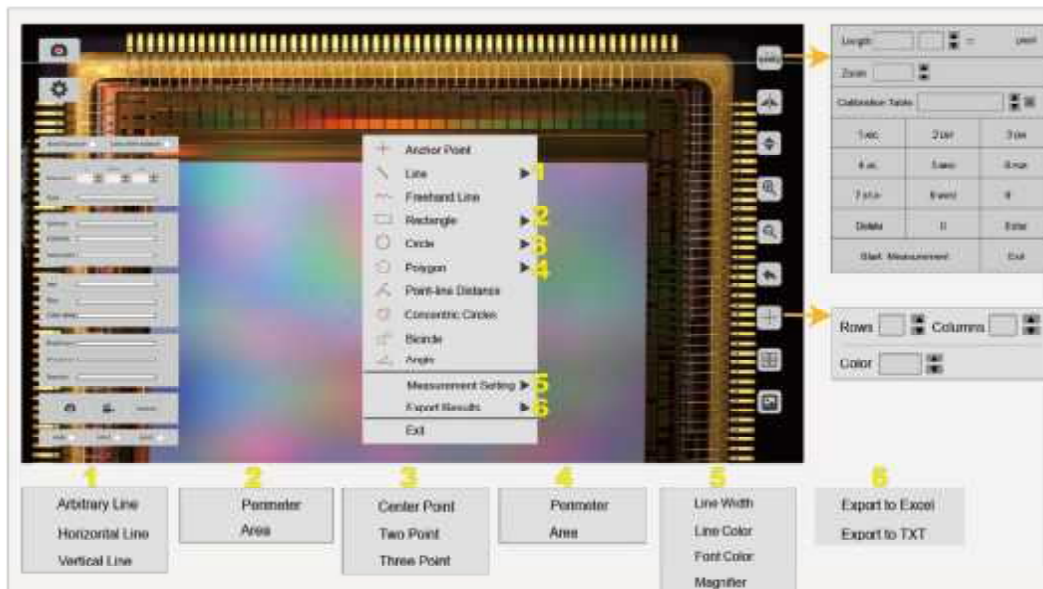


Integrated Digital Image Measurement System



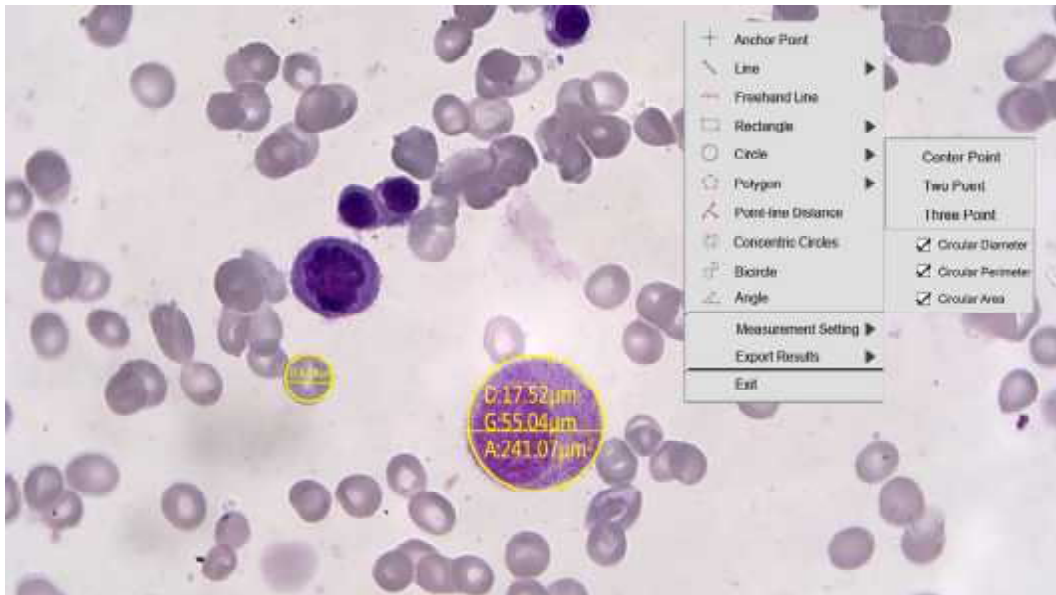
Multiform Measurement Tools

The TrueChrome Metrics provides extremely powerful measurement functionality including: freehand lines, rectangles, polygons, circles, bicircles, angles, point-line distance and much more. In addition to the ability to measure point-line distance, angles, the length of curves and lines, the camera can measure the perimeter & area of enclosed features such as: rectangles, polygons, and circles. The unique calibration and magnification functions coupled with the ability to export the results to Excel or text files, make the measurements more convenient and simple.



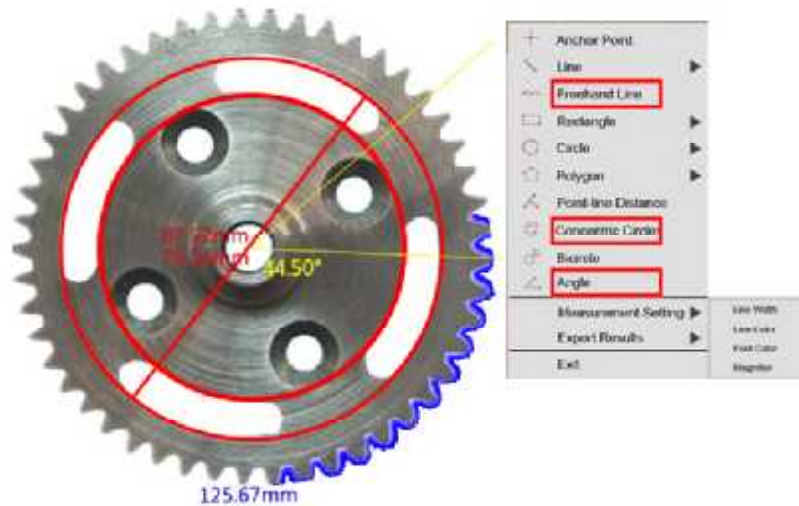
Micron Level Measurement Accuracy

The TrueChrome Metrics is capable of delivering measurements with a resolution of 10 nanometers which provides an incredible metrology capability in the most demanding situations.



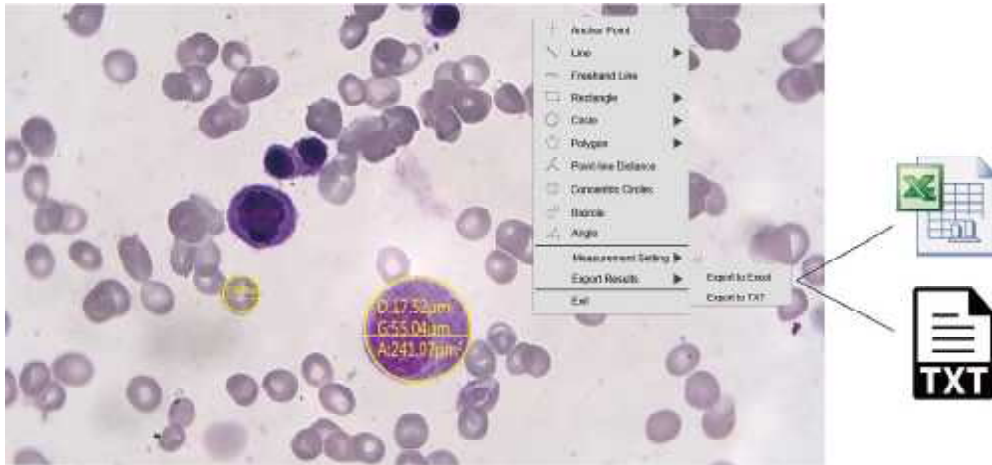
Measurement for Various Applications

In addition μm , TrueChrome Metrics also provides calibrations in mm and cm, which will meet various measurement requirements in different applications. And these results provide objective and reliable data to support quantitative analysis.



Convenient Measurement Data Management

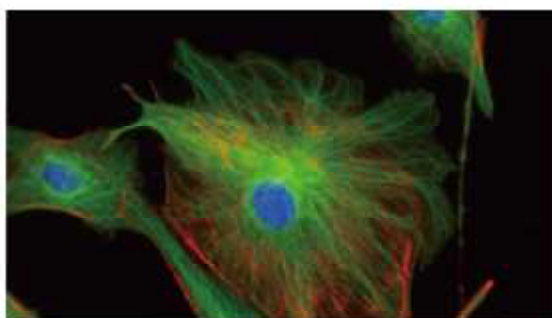
Two measurement results exporting modes (Excel and text) make the measurement data management more convenient.



The continuation of the TrueChrome II's heritage

30fps High Speed Live Image

With 30fps data transfer at an uncompressed resolution of 1920X1080, TrueChrome Metrics sets a precedent. It is one of the fastest USB2.0 cameras in the world.

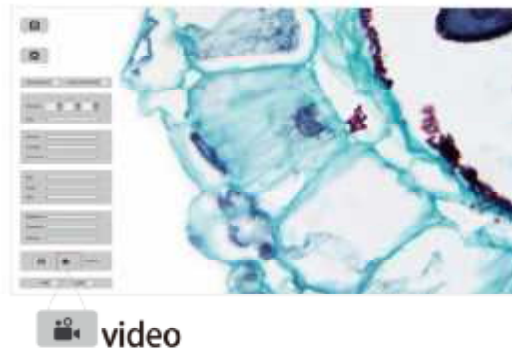


Excellent Capability for Fluorescence

Taking advantage of the ultra high signal to noise ratio sensor, TrueChrome Metrics provides for up to 10 seconds exposure time and gets finest detailed images, even for low light fluorescence.

3D Noise Reduction

Longer exposure times increase the image noise. But the integrated 3D noise reduction function keeps the TrueChrome Metrics image always clean and sharp.

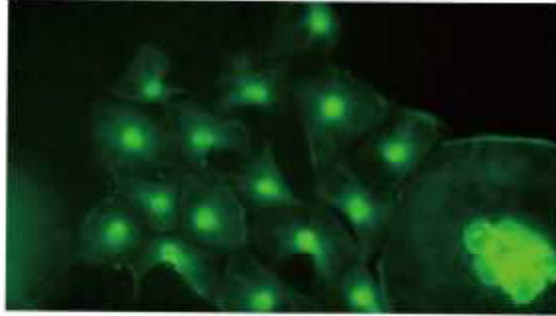


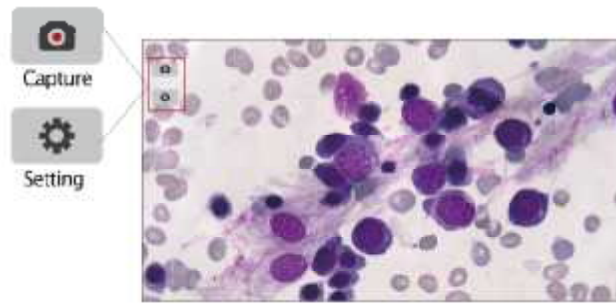
1080P Video Recording

Just click the button to start recording 1080P videos at 30fps. The recorded video files will be saved to the high speed SD card. It is also possible to play back the videos from the SD card directly.

Superb Smart Camera

TrueChrome Metrics automatically analyzes the acquired images, optimizes the white balance, exposure time and saturation to present perfect images. Whatever, for bright field or dark field applications, ideal images can be captured, barely needing any parameter adjustments.





Simple Operations

The TrueChrome Metrics embedded user interface is so simple that not even one mouse click is required to bring up the two simple menus. There are only two icons on the TrueChrome Metrics splash, one for capture, the for settings.