



Features

Stand-Alone Camera

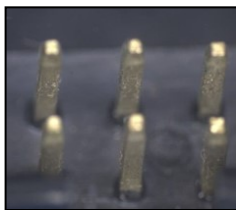
- Build in USB-mouse controls for auto-focus, contrast, color, capturing and saving images on SD-Card. Edit images with measurements and annotations. (Measure lines, circles, custom areas and more...)

USB2/HDMI connection to PC/Screen

- Imaging Software Mosaic 2.4
- All measurement and documentation functions (Overview of metric and calibration tables, easier work)
- Export data as text or Excel file
- Document results with format templates
- Automatic focus with "One Shot" zoom

Technical Specification

- Sensor: 1920x1080p, FULL HD, 1/2.8"
- Effektive Pixel: 1920x1080p
- Framerate: 30FPS @ USB 2.0
60FPS @ HDMI
- Data Interface: USB 2.0 / SDHC / HDMI
- Optical Mount: Default C-Mount Threading
- Supply: DC 12V/1A
- Supported OS: Windows 7/8/10
64 bit
- Dimensions: 90.7x78x70.8 mm



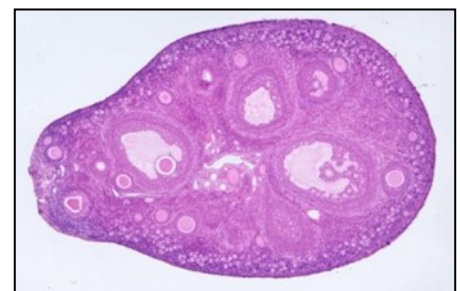
microscope image with single focal plane



Reconstructed image using many focal plane shots (Mosaic 2.4)



visible field of view (10x objective)



stitched together single images, producing a panorama view of the whole sample (Mosaic 2.4)

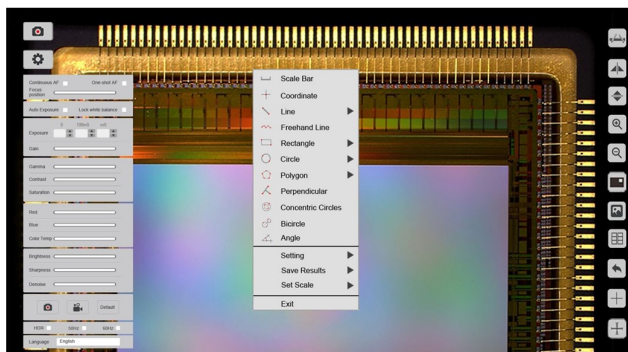


STAND-ALONE CAMERA

ASKANIA Vision can capture images and videos. The automatic focus function can zoom to desired sample depths with a click on the displayed area. Blurry areas will be recognized by the program and camera-internal focal drive is adjusted automatically until selected area matches the focal plane.

Several measurement functions are available. Draw lines and arrows, add texts and highlights. Add linear, angular and area dimensions with simple rulers, advanced geometric shapes and custom free-hand drawing.

Calibrate the camera to let it calculate pixels into centimeters, millimeters and even micrometers.



Screenshot Stand-Alone Camera



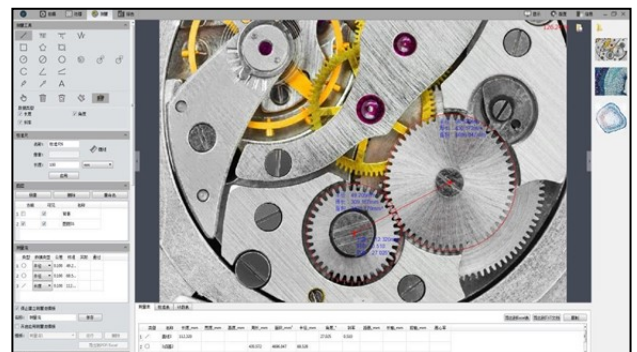
Mosaic 2.4

Imaging Software Mosaic 2.4 is a desktop-support software for image acquisition and expanded user interaction.

Functions

Capture and edit images

- Set up functions for your specific uses, hide irrelevant features as you please
- Autofocus, contrast and color-calibration
- White balance
- Advanced measuring with data tables
- Automatic documentation



Mosaic V2.4 Software

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