

# Excelis 4K

UHD MICROSCOPY CAMERA

High performance 4K delivers full UHD images with exceptional color and resolution. **CaptaVision+** imaging software adds advanced acquisition, image processing, measurement, report generation, plus more!



## Key Features



## Recommended Applications

### CLINICAL/CELL BIOLOGY

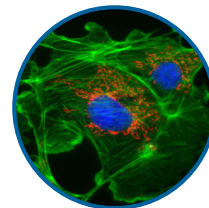
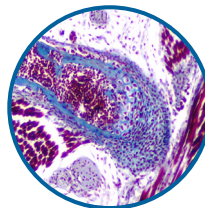
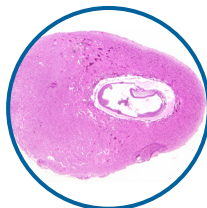
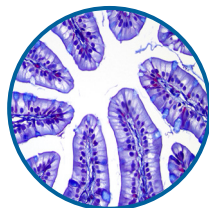
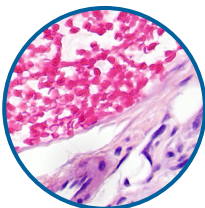
- Pathology
- Histology
- Microbiology
- Hematology

### EDUCATION

- Dissection
- Instruction
- Demonstration
- Training

### INDUSTRIAL

- Inspection
- Documentation
- Measurement



**Empowering Discovery. Advancing Results.**

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UHD MICROSCOPY CAMERA

## Key CaptaVision+ Software Features

- Intuitive & customizable user interface
- Simple calibration and measurements
- Advanced control of exposure, gain, color balance, etc.
- Powerful image processing tools
- Intelligent flat field correction
- Real-time fluorescence image synthesis
- Real-time stitching and depth-of-field fusion
- Flexible report generation and data export



### CAMERA & SOFTWARE SPECIFICATIONS

<b>Model</b>	AU-800-4K
<b>Sensor</b>	Sony IMX485, CMOS, color
<b>Sensor Size</b>	13.33mm (1/1.2")
<b>Resolution</b>	8MP; 3840 (H) x 2160 (V)
<b>Pixel Size</b>	2.9µm x 2.9µm
<b>Frame Rate</b>	HDMI: 30fps @ 3840x2160 USB 3.0: 30fps @ 3840 x 2160 GigE (Ethernet): 30fps @ 3840 x 2160
<b>Image Capture</b>	8MP / USB 3.0 memory stick <i>(not included)</i>
<b>Exposure Time</b>	0ms - 1sec
<b>White Balance</b>	Auto / manual
<b>Settings</b>	Gain, gamma, saturation
<b>Data Interface</b>	USB 2.0 (mouse), USB 3.0, HDMI, GigE (Ethernet)
<b>PC Imaging Software</b> <i>(see additional features at right)</i>	<b>CaptaVision+ Imaging Software for PC</b> <i>(Mac OS not supported)</i> <b>Advanced Camera Controls:</b> live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching; HDR (high dynamic range) function <b>Image Types:</b> TIF, JPG, PNG, DICOM TWAIN driver available
<b>System Software Compatibility</b>	Windows 7, 8, 10, 11 (64-bit recommended) <b>Minimum System Recommendations:</b> intel i5-9600 @ 2.90GHz or better; 16GB RAM or more; NVIDIA GeForce GTX 1060 or better, USB 3.0 high-speed port
<b>Power/Weight</b>	2.4W / 505g



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